

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038040.D
 Acq On : 03 Oct 2023 15:47
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 04 08:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	145826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	12077	5.323	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.640%#		
35) Dibromofluoromethane	5.385	113	8849	5.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.640%#		
50) Toluene-d8	8.647	98	33517	5.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	11.079	95	11973	5.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	6032	4.151	ug/l	97
3) Chloromethane	1.307	50	9120	4.767	ug/l	97
4) Vinyl Chloride	1.374	62	8004	4.636	ug/l	100
5) Bromomethane	1.599	94	14458	6.369	ug/l	94
6) Chloroethane	1.685	64	6224	4.802	ug/l	98
7) Trichlorofluoromethane	1.886	101	16305	4.788	ug/l	94
8) Diethyl Ether	2.136	74	6077	4.879	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	7348	4.956	ug/l	100
10) Methyl Iodide	2.453	142	6603	4.318	ug/l	91
11) Tert butyl alcohol	2.959	59	13925	27.321	ug/l	98
12) 1,1-Dichloroethene	2.319	96	6724	4.870	ug/l	90
13) Acrolein	2.233	56	7232	24.804	ug/l	93
14) Allyl chloride	2.660	41	11554	4.722	ug/l	96
15) Acrylonitrile	3.063	53	24870	23.477	ug/l	98
16) Acetone	2.380	43	24268	24.354	ug/l	95
17) Carbon Disulfide	2.508	76	18109	4.637	ug/l	99
18) Methyl Acetate	2.703	43	19919	4.650	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	24931	4.675	ug/l	99
20) Methylene Chloride	2.788	84	9632	4.839	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	8069	4.864	ug/l	91
22) Diisopropyl ether	3.764	45	24133	4.720	ug/l	94
23) Vinyl Acetate	3.721	43	84299	22.915	ug/l	98
24) 1,1-Dichloroethane	3.611	63	14641	4.717	ug/l	98
25) 2-Butanone	4.556	43	37293	23.738	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	11564	4.744	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	9179	4.746	ug/l	96
28) Bromochloromethane	4.898	49	7037	4.819	ug/l	100
29) Tetrahydrofuran	5.007	42	23055	22.754	ug/l	90
30) Chloroform	5.093	83	15686	4.640	ug/l	99
31) Cyclohexane	5.471	56	12217	4.604	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	12712	4.520	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11640	4.751	ug/l	100
37) Ethyl Acetate	4.721	43	13419	4.877	ug/l	99
38) Carbon Tetrachloride	5.678	117	11500	4.824	ug/l	98
39) Methylcyclohexane	7.379	83	14264	4.926	ug/l	95
40) Benzene	6.044	78	33516	4.850	ug/l	95

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 04 08:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	7041	5.111	ug/l	93
42) 1,2-Dichloroethane	6.086	62	13074	4.824	ug/l	98
43) Isopropyl Acetate	6.342	43	20152	4.728	ug/l	99
44) Trichloroethene	7.129	130	9246	4.958	ug/l	87
45) 1,2-Dichloropropane	7.428	63	8967	5.097	ug/l	95
46) Dibromomethane	7.580	93	6619	4.858	ug/l	98
47) Bromodichloromethane	7.824	83	10903	4.597	ug/l #	95
48) Methyl methacrylate	7.696	41	9659	4.713	ug/l	89
49) 1,4-Dioxane	7.665	88	4046	88.068	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	71466	24.131	ug/l	99
52) Toluene	8.720	92	21486	4.803	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	10796	4.321	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	12619	4.746	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	8655	4.765	ug/l #	84
56) Ethyl methacrylate	9.116	69	13090	4.795	ug/l	92
57) 1,3-Dichloropropane	9.311	76	14765	4.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	34532	24.749	ug/l	97
59) 2-Hexanone	9.433	43	55712	23.515	ug/l	98
60) Dibromochloromethane	9.519	129	7738	4.427	ug/l	100
61) 1,2-Dibromoethane	9.610	107	9111	4.627	ug/l	97
64) Tetrachloroethene	9.275	164	7375	4.869	ug/l	93
65) Chlorobenzene	10.080	112	23405	4.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	7464	4.684	ug/l	93
67) Ethyl Benzene	10.195	91	41513	4.829	ug/l	97
68) m/p-Xylenes	10.299	106	31515	9.572	ug/l	100
69) o-Xylene	10.640	106	15044	4.812	ug/l	99
70) Styrene	10.659	104	23703	4.590	ug/l	96
71) Bromoform	10.799	173	5276	4.355	ug/l #	98
73) Isopropylbenzene	10.964	105	39858	4.990	ug/l	99
74) N-amyl acetate	10.842	43	17047	4.742	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	14895	4.982	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	13123m	4.548	ug/l	
77) Bromobenzene	11.195	156	9587	4.895	ug/l	93
78) n-propylbenzene	11.305	91	49381	5.031	ug/l	100
79) 2-Chlorotoluene	11.366	91	27803	4.878	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	33005	4.855	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3175	3.933	ug/l	89
82) 4-Chlorotoluene	11.457	91	33844	4.927	ug/l	98
83) tert-Butylbenzene	11.713	119	32795	4.852	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	33598	4.900	ug/l	98
85) sec-Butylbenzene	11.890	105	43530	4.966	ug/l	99
86) p-Isopropyltoluene	12.012	119	35462	4.940	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	19594	4.990	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	20235	5.013	ug/l	96
89) n-Butylbenzene	12.335	91	34608	4.831	ug/l	95
90) Hexachloroethane	12.536	117	5450	4.658	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	18224	4.876	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3030	4.453	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	12454	4.804	ug/l	97
94) Hexachlorobutadiene	13.725	225	5491	4.964	ug/l	97
95) Naphthalene	13.774	128	41212	4.716	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12099	4.826	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

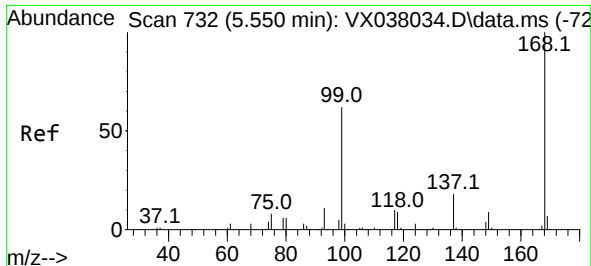
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 08:43:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 08:39:38 2023
Response via : Initial Calibration

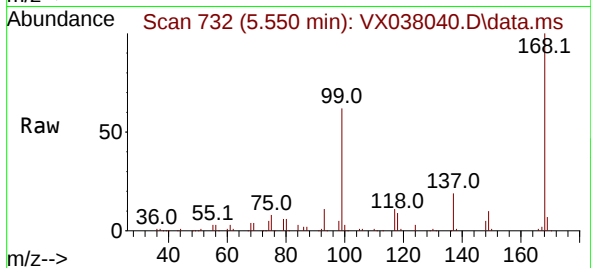
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

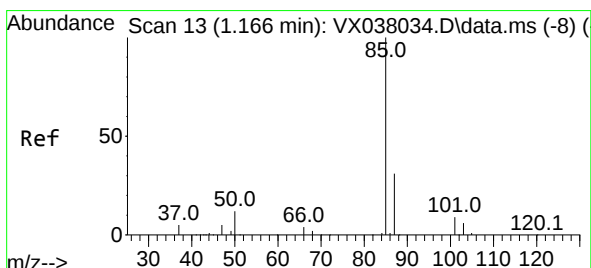
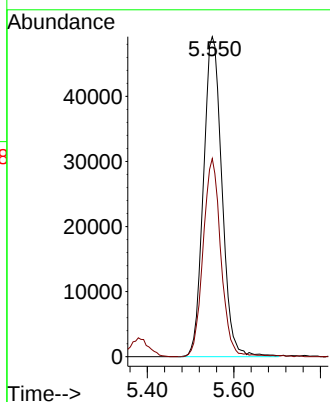
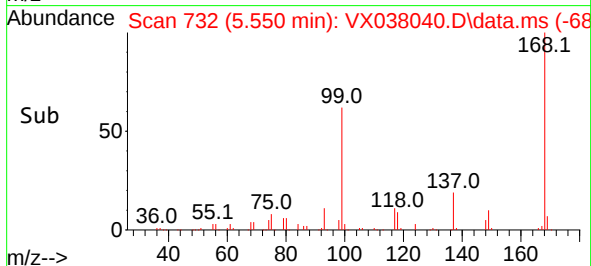
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 145820
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0

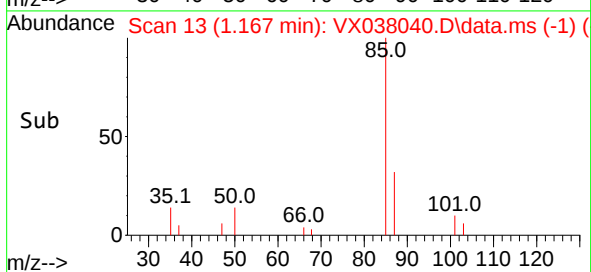
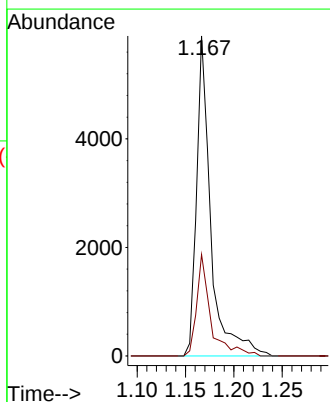
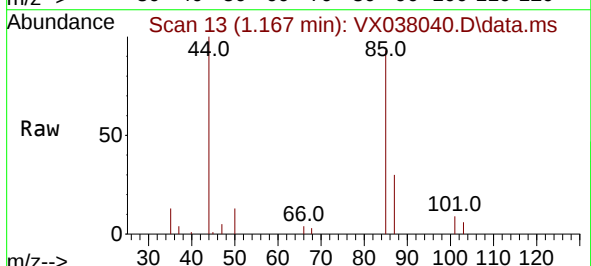
Manual Integrations
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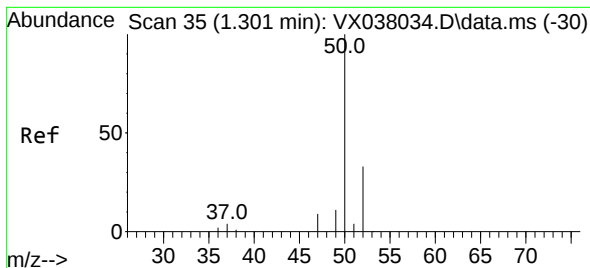
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#2
Dichlorodifluoromethane
Concen: 4.151 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 85 Resp: 6032
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3

Chloromethane

Concen: 4.767 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 9120

Ion Ratio Lower Upper

50 100

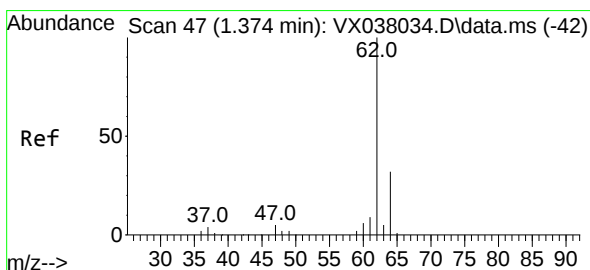
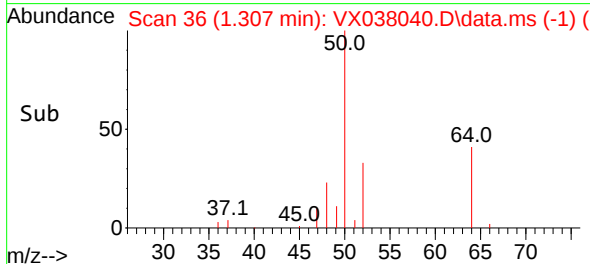
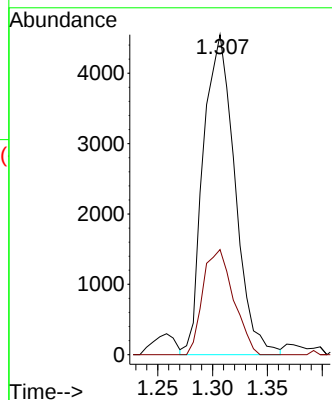
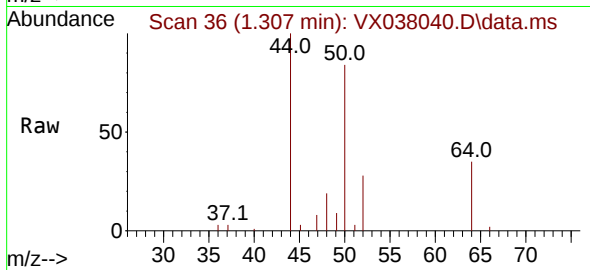
52 33.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#4

Vinyl Chloride

Concen: 4.636 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038040.D

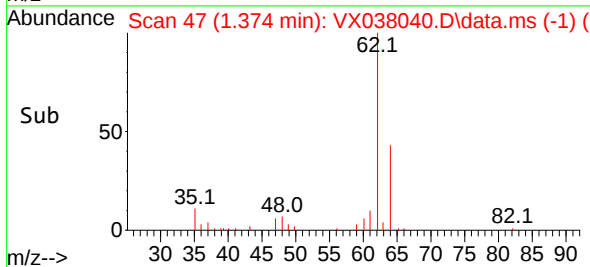
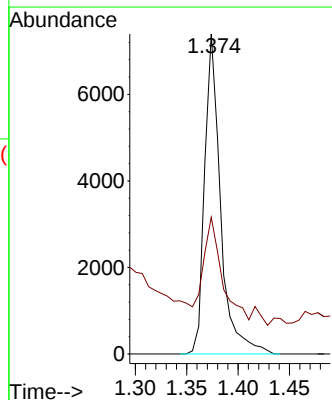
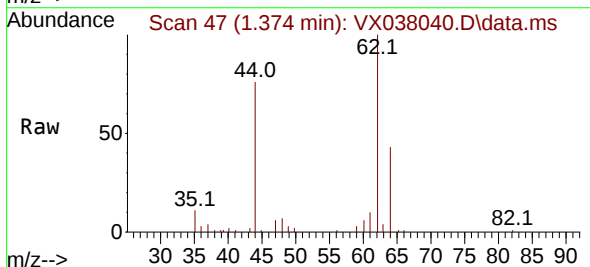
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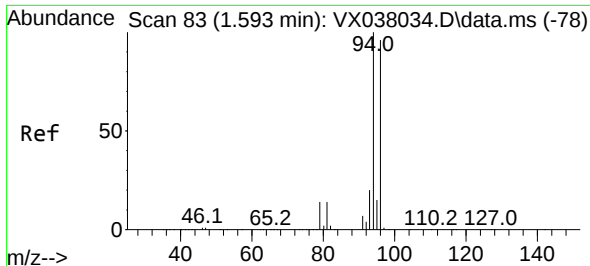
Tgt Ion: 62 Resp: 8004

Ion Ratio Lower Upper

62 100

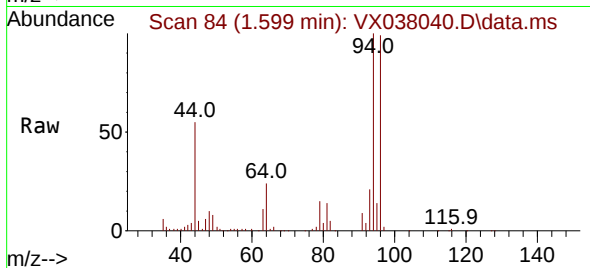
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 6.369 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

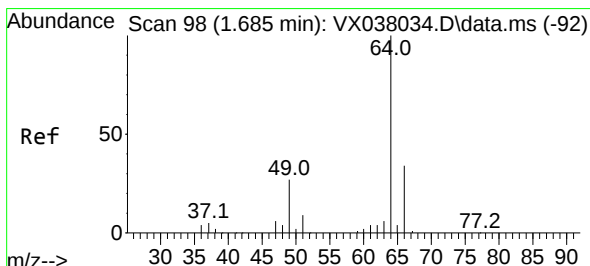
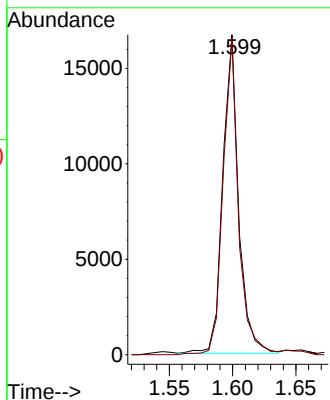
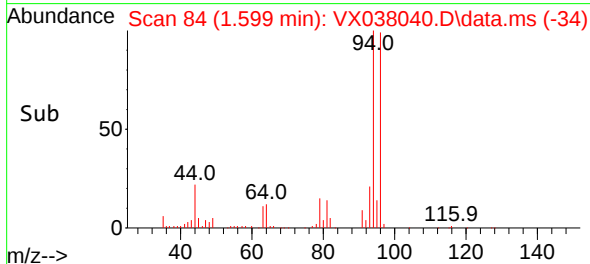
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 14458
Ion Ratio Lower Upper
94 100
96 99.2 74.6 111.8

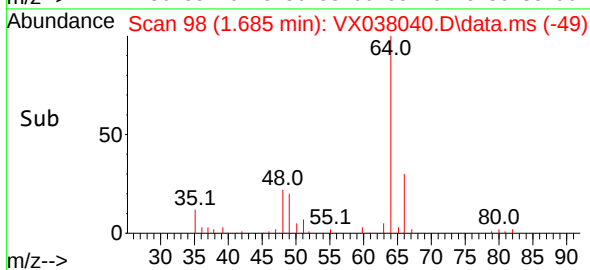
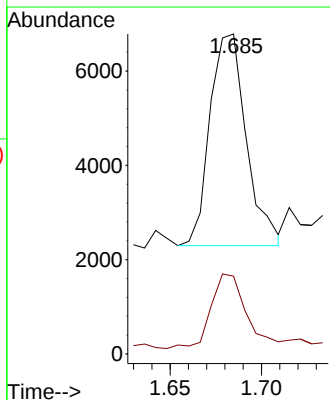
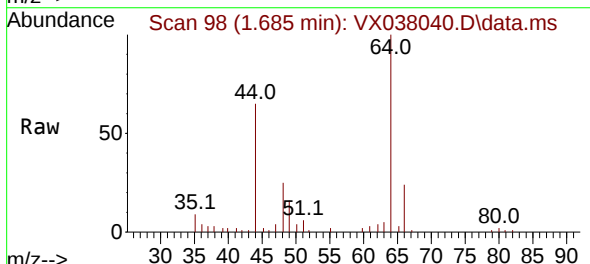
Manual Integrations
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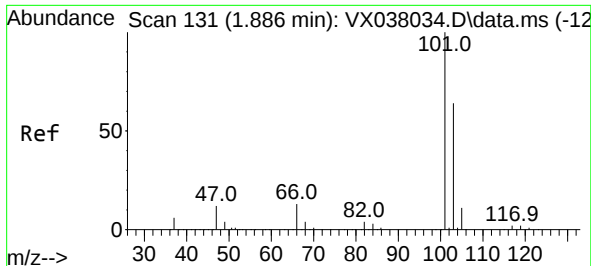
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#6
Chloroethane
Concen: 4.802 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

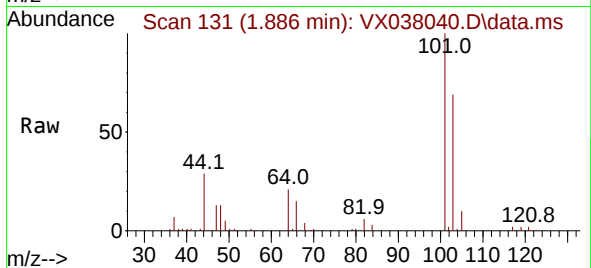
Tgt Ion: 64 Resp: 6224
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 4.788 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

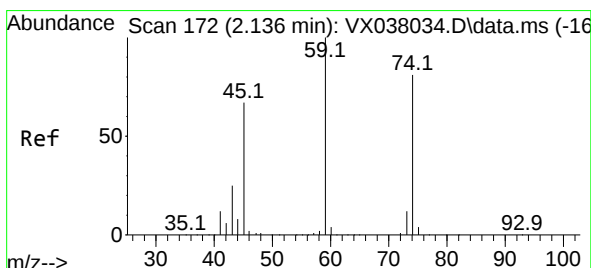
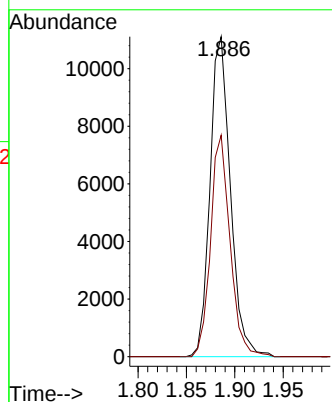
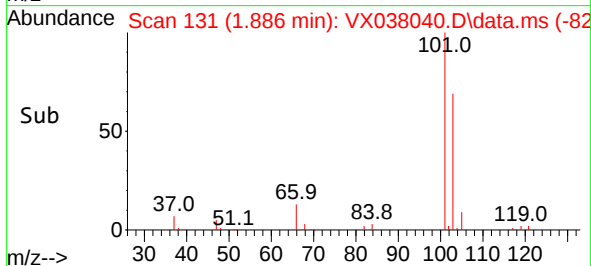
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 1630
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.4 77.2

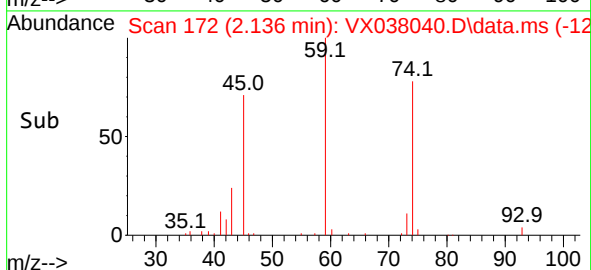
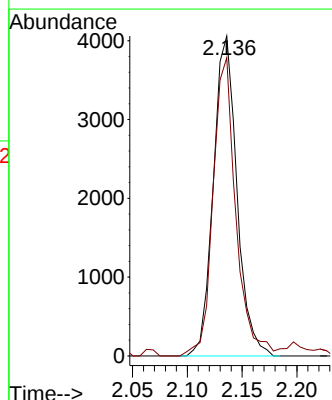
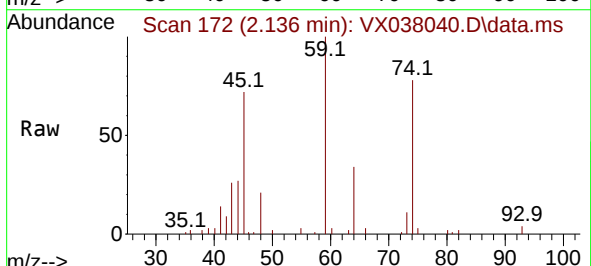
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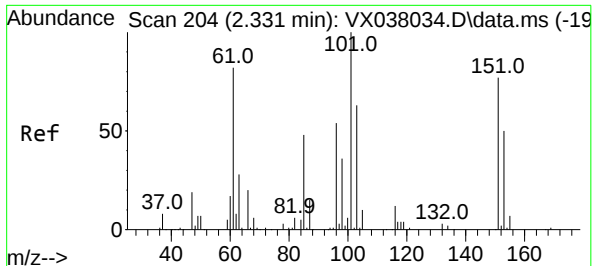
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#8
 Diethyl Ether
 Concen: 4.879 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

Tgt Ion: 74 Resp: 6077
 Ion Ratio Lower Upper
 74 100
 45 90.5 53.3 159.8





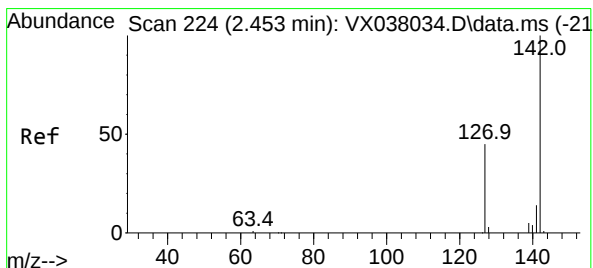
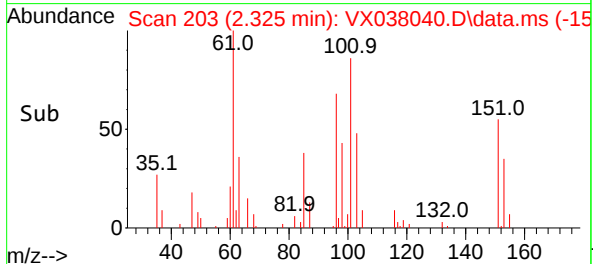
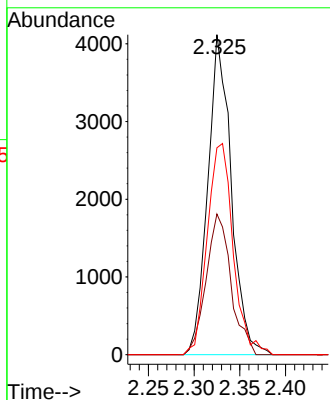
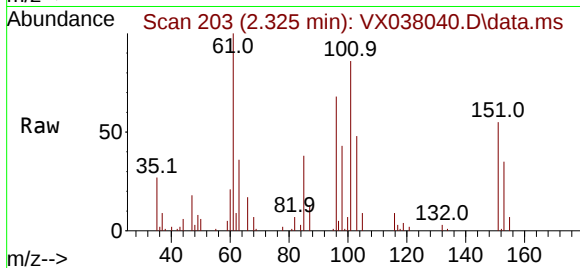
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.956 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7348
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 72.7 58.6 87.8

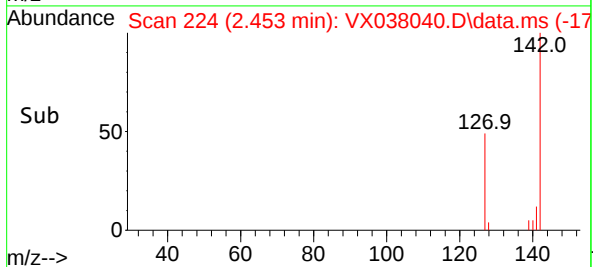
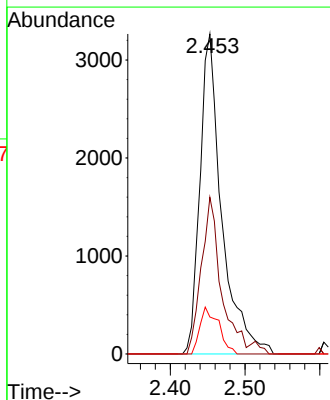
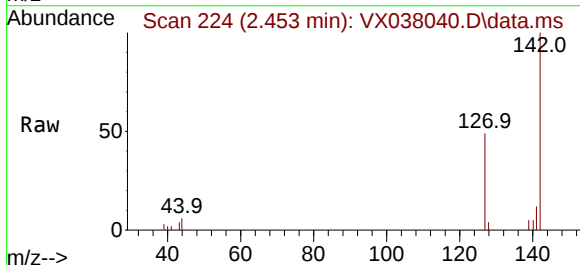
Manual Integrations
APPROVED

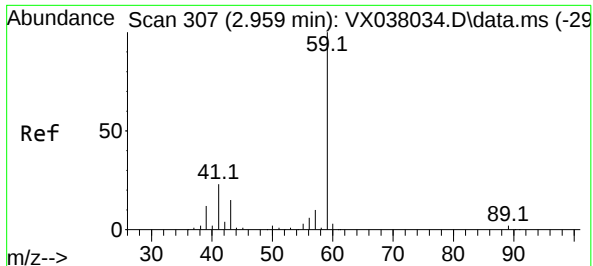
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#10
Methyl Iodide
Concen: 4.318 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion:142 Resp: 6603
Ion Ratio Lower Upper
142 100
127 45.0 41.6 62.4
141 12.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 27.321 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 1392

Ion Ratio Lower Upper

59 100

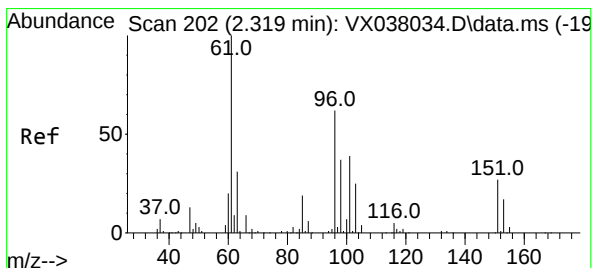
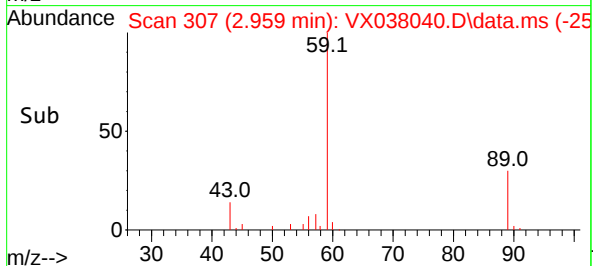
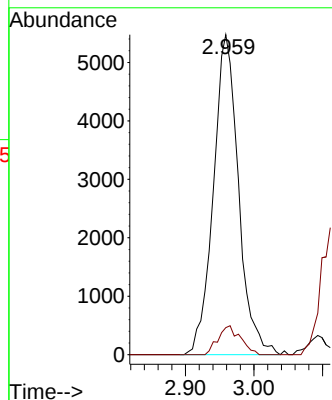
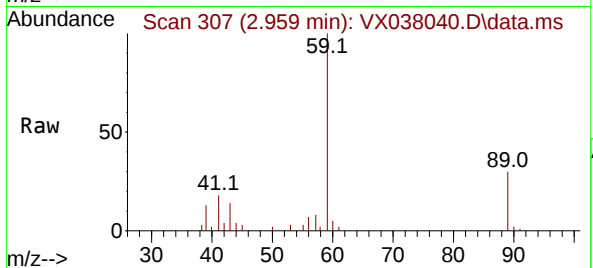
57 8.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#12

1,1-Dichloroethene

Concen: 4.870 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

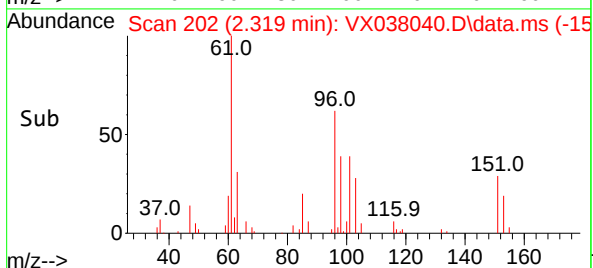
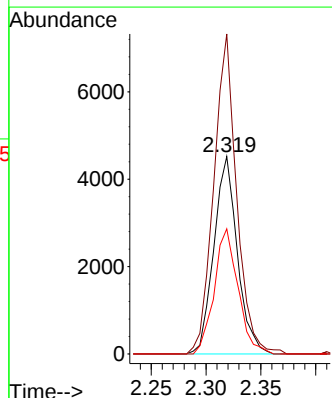
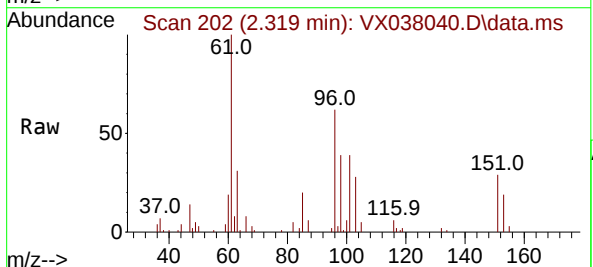
Tgt Ion: 96 Resp: 6724

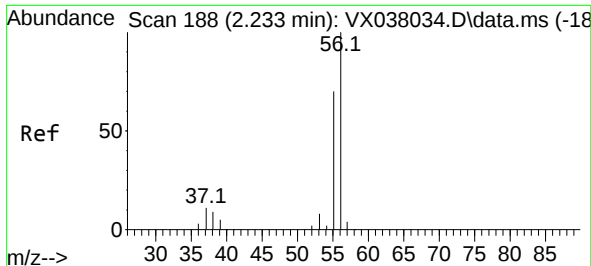
Ion Ratio Lower Upper

96 100

61 162.1 144.6 216.8

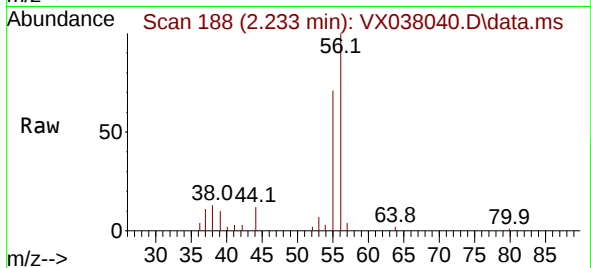
98 63.4 50.4 75.6





#13
Acrolein
Concen: 24.804 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

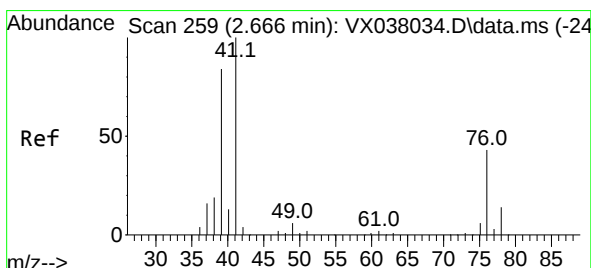
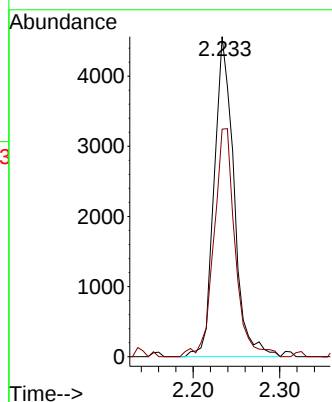
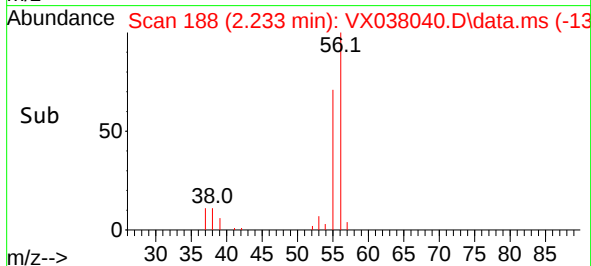
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 7232
Ion Ratio Lower Upper
56 100
55 76.9 57.1 85.7

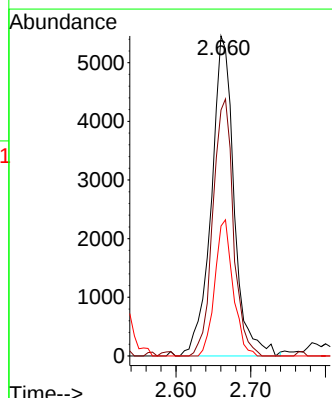
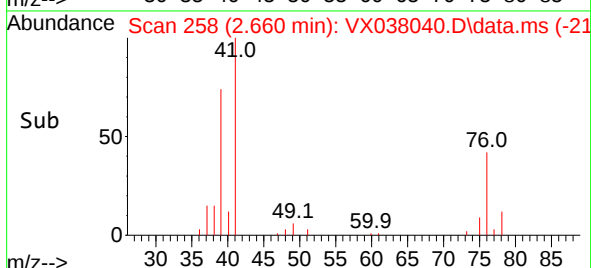
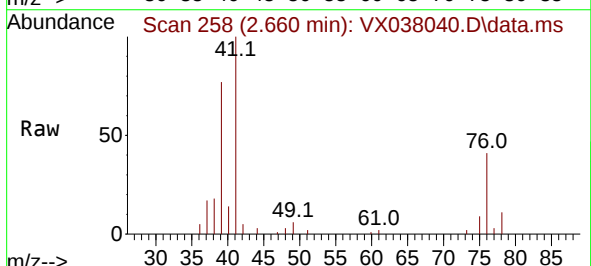
Manual Integrations
APPROVED

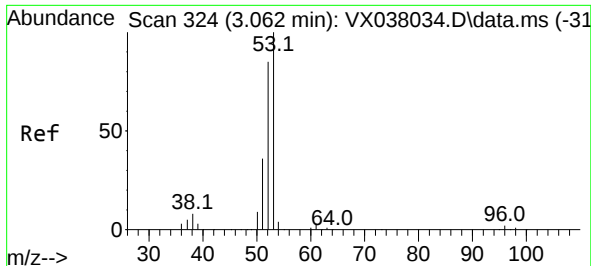
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#14
Allyl chloride
Concen: 4.722 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

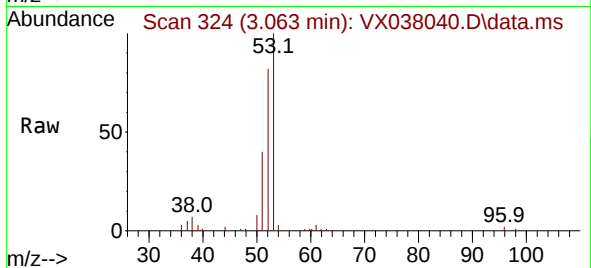
Tgt Ion: 41 Resp: 11554
Ion Ratio Lower Upper
41 100
39 72.4 55.8 83.6
76 34.1 24.3 36.5





#15
Acrylonitrile
Concen: 23.477 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

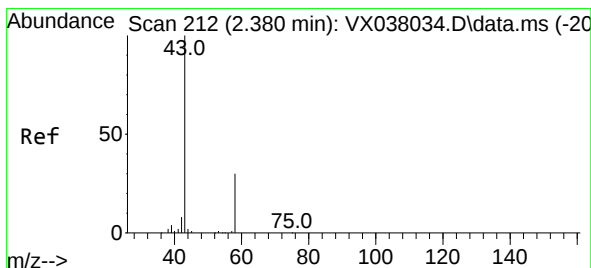
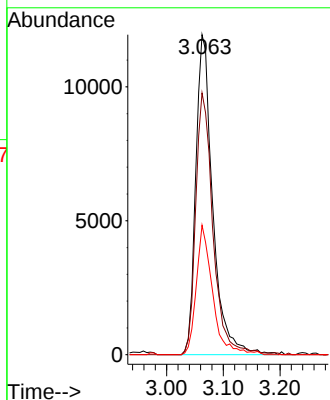
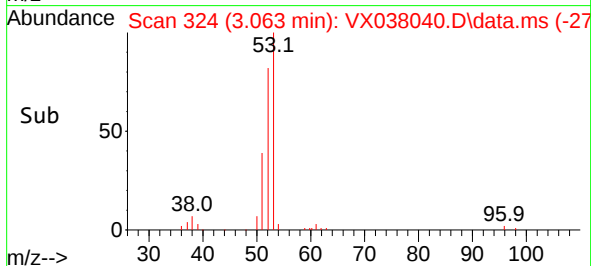
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 24870
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 39.0 29.8 44.6

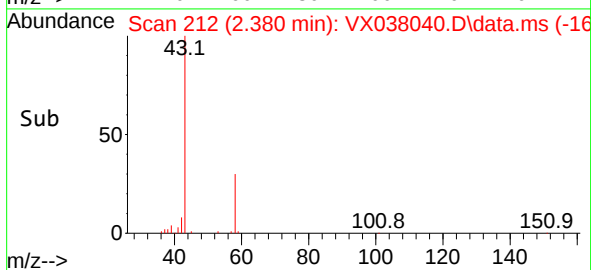
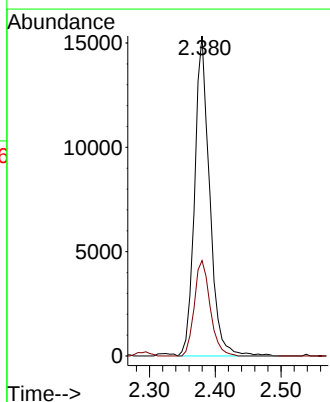
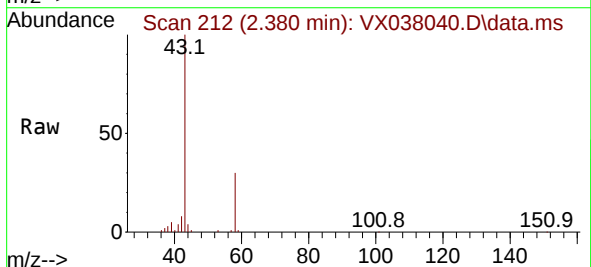
Manual Integrations
APPROVED

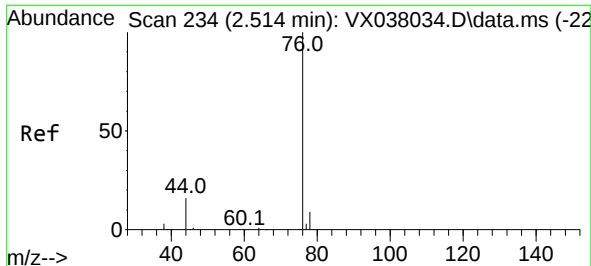
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#16
Acetone
Concen: 24.354 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

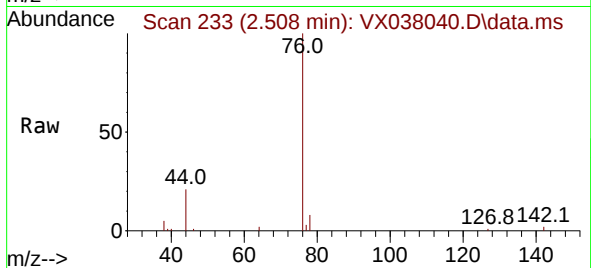
Tgt Ion: 43 Resp: 24268
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#17
Carbon Disulfide
Concen: 4.637 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

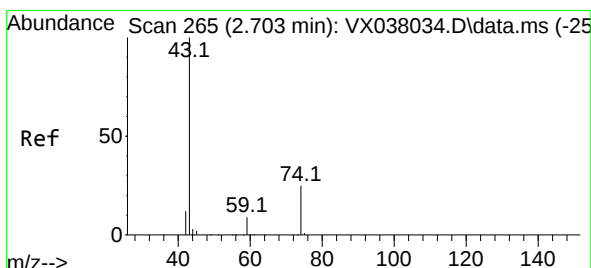
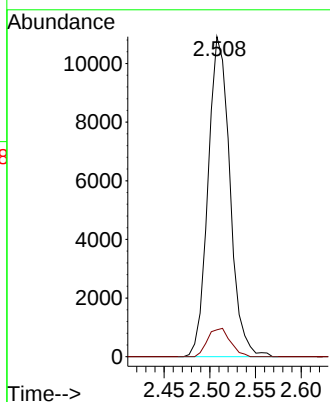
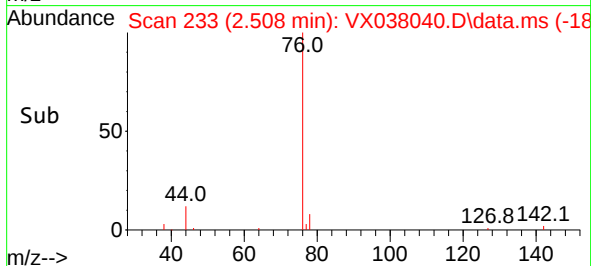
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 18109
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

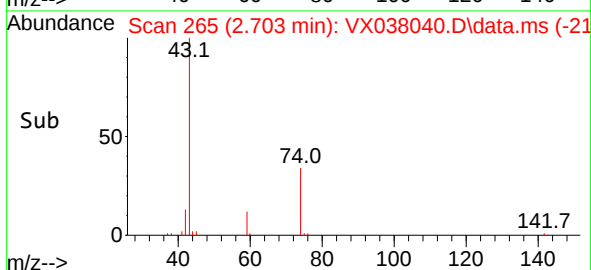
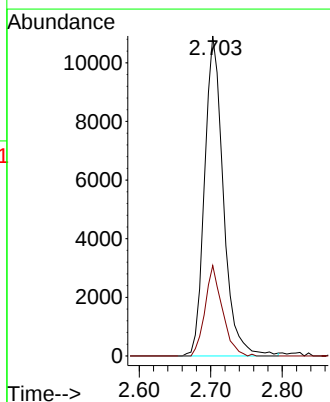
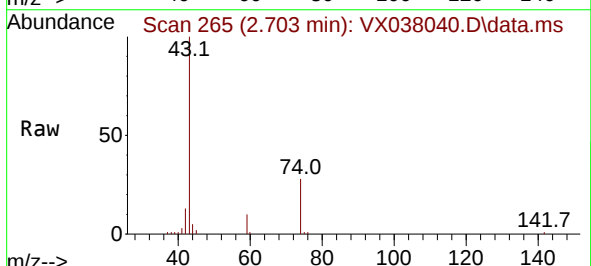
Manual Integrations
APPROVED

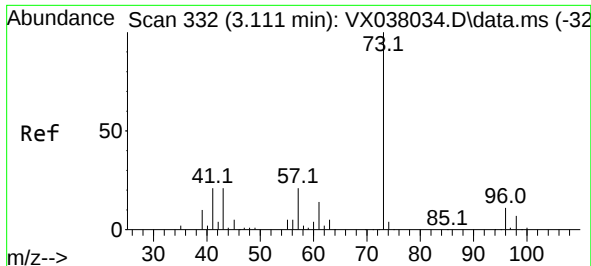
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#18
Methyl Acetate
Concen: 4.650 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 43 Resp: 19919
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8





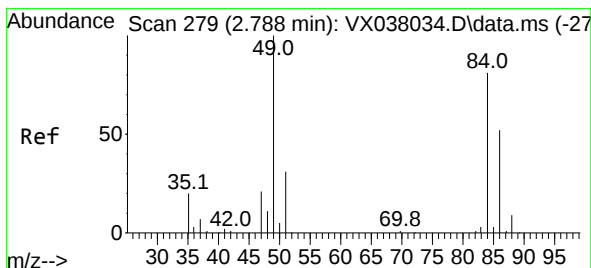
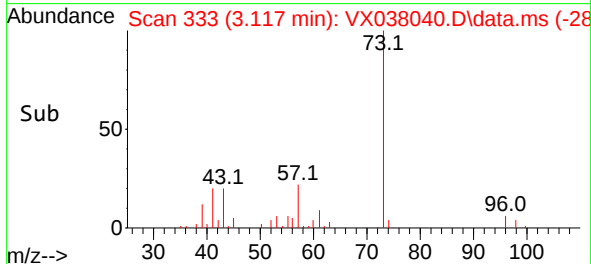
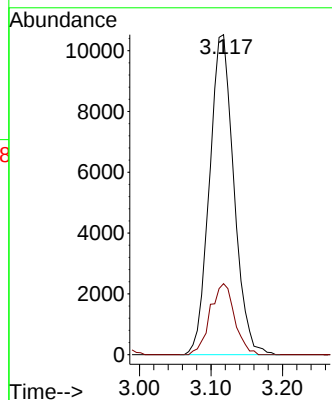
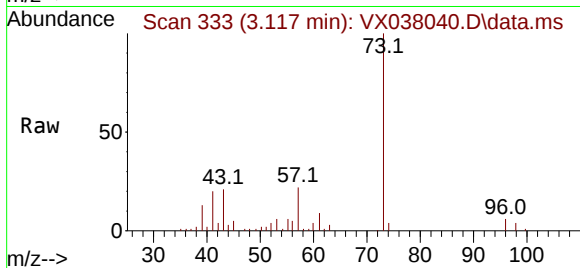
#19
Methyl tert-butyl Ether
Concen: 4.675 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2493
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

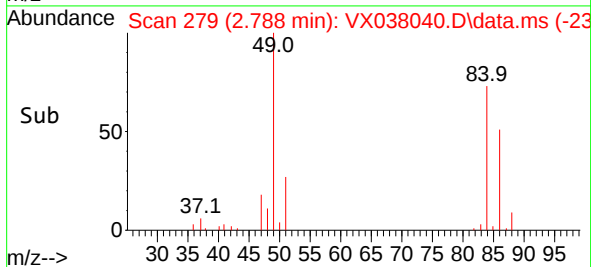
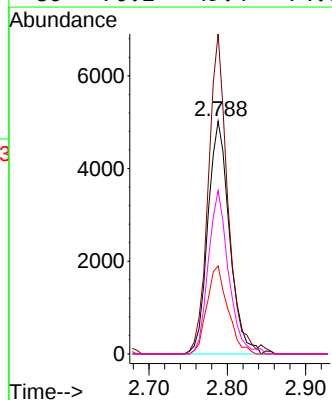
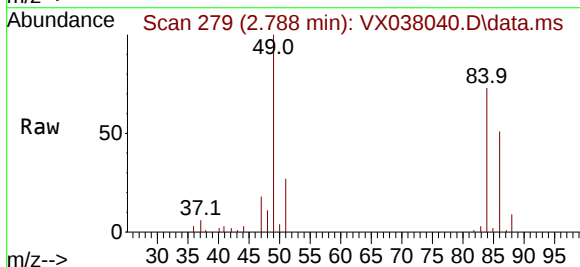
Manual Integrations
APPROVED

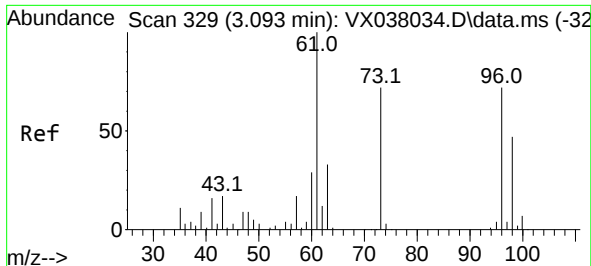
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#20
Methylene Chloride
Concen: 4.839 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

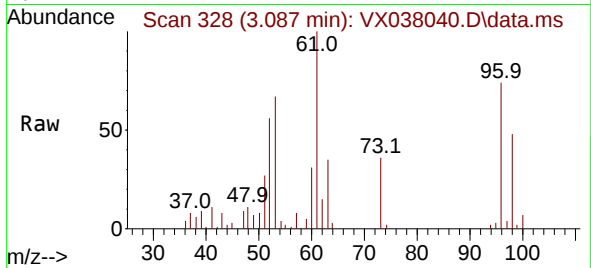
Tgt Ion: 84 Resp: 9632
Ion Ratio Lower Upper
84 100
49 137.5 103.6 155.4
51 37.8 33.8 50.6
86 70.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.864 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

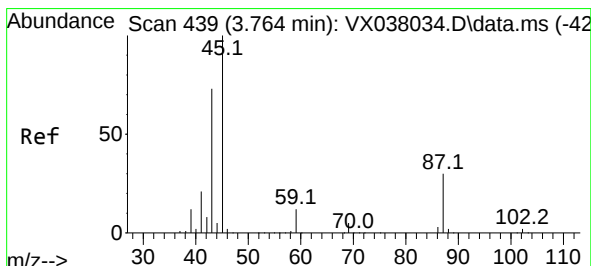
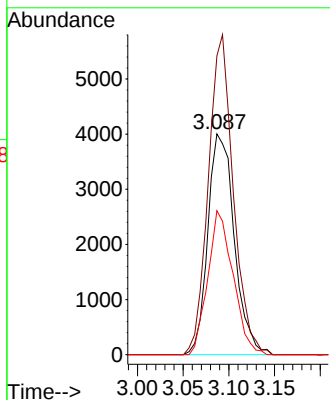
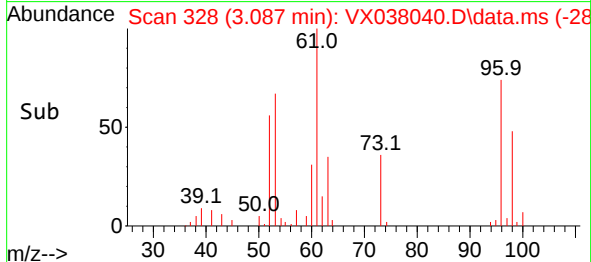
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



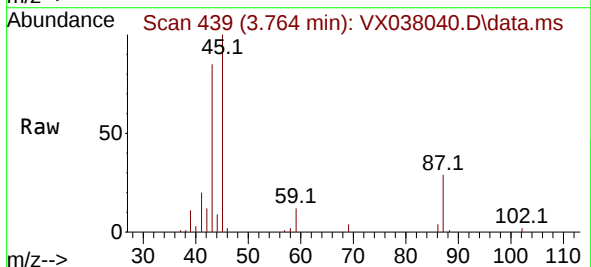
Tgt Ion: 96 Resp: 8069
Ion Ratio Lower Upper
96 100
61 135.3 119.2 178.8
98 65.2 48.7 73.1

Manual Integrations
APPROVED

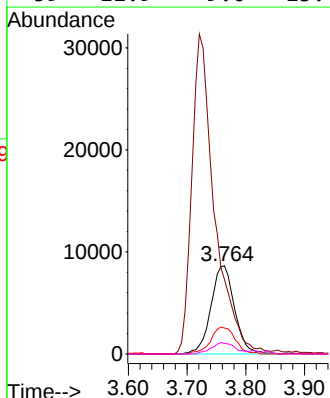
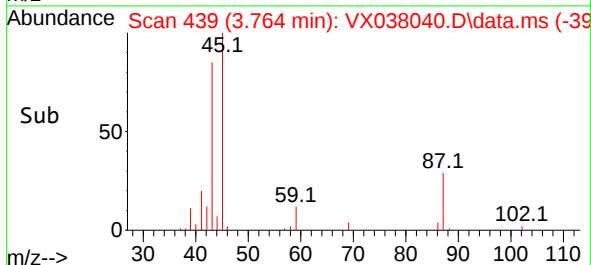
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

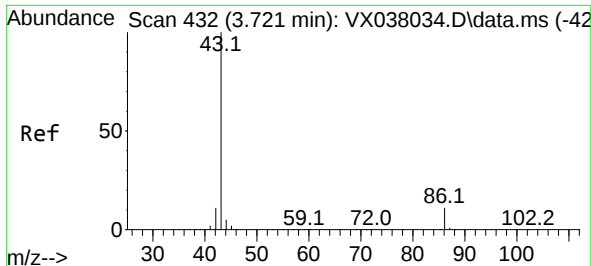


#22
Diisopropyl ether
Concen: 4.720 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



Tgt Ion: 45 Resp: 24133
Ion Ratio Lower Upper
45 100
43 81.7 69.7 104.5
87 29.5 20.8 31.2
59 11.9 9.0 13.4





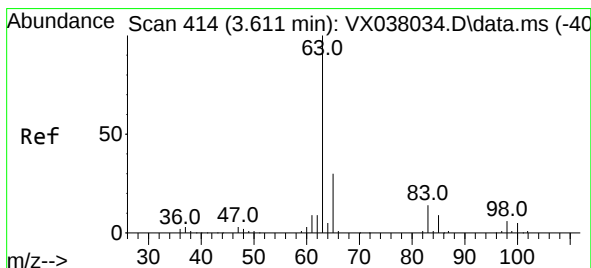
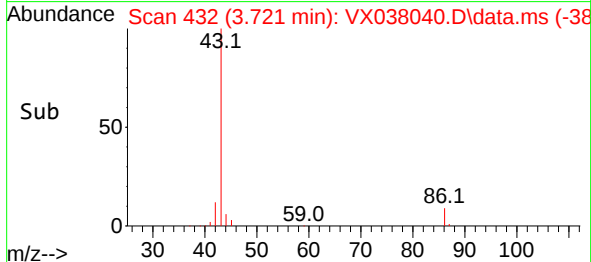
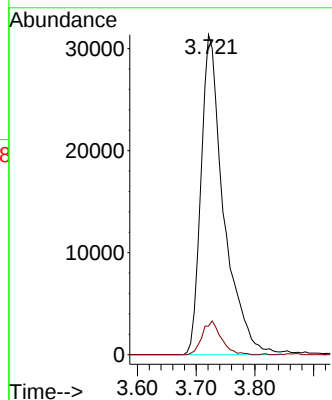
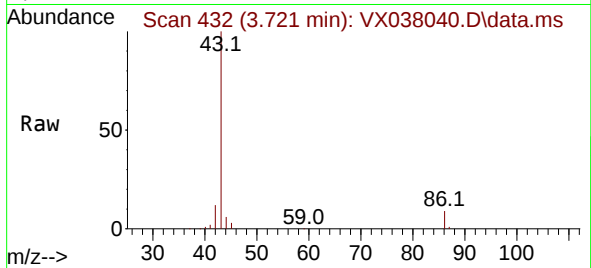
#23
 Vinyl Acetate
 Concen: 22.915 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 84299
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8

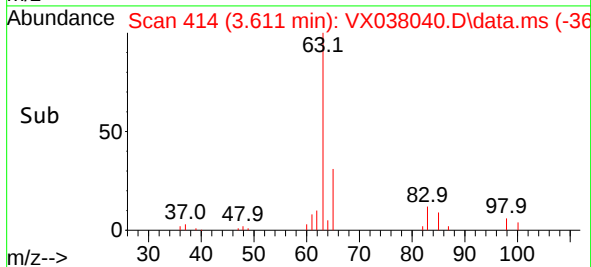
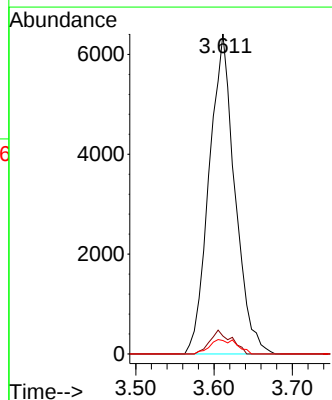
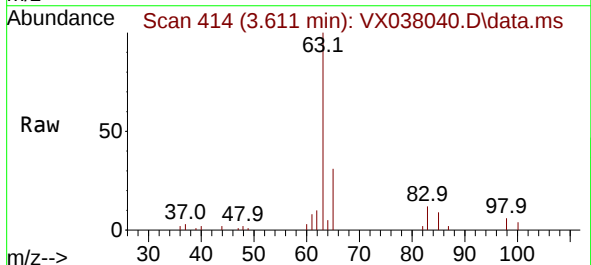
Manual Integrations
 APPROVED

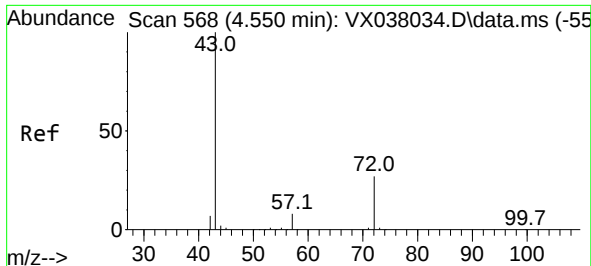
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#24
 1,1-Dichloroethane
 Concen: 4.717 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

Tgt Ion: 63 Resp: 14641
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.2 2.1 6.5





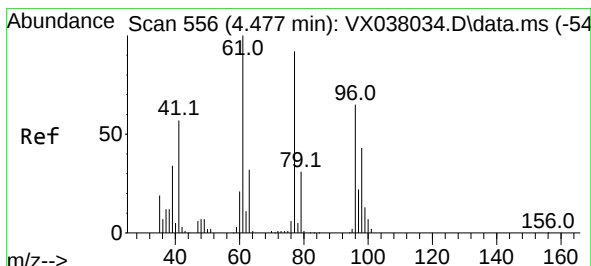
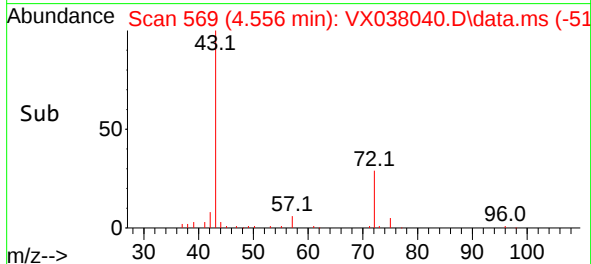
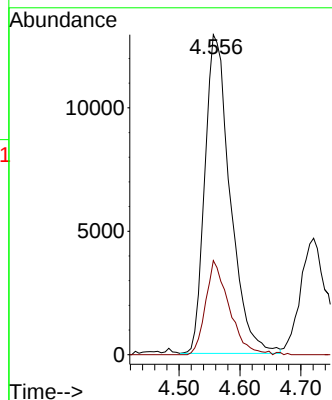
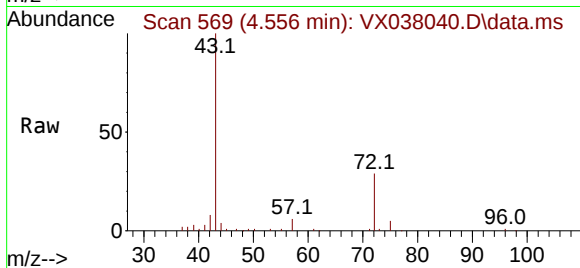
#25
2-Butanone
Concen: 23.738 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2

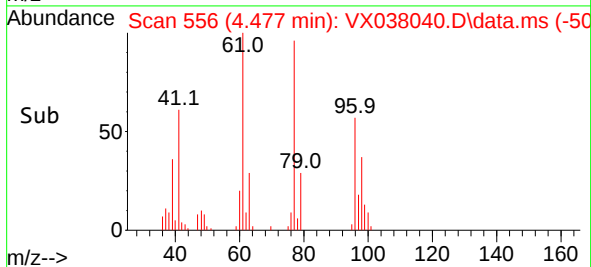
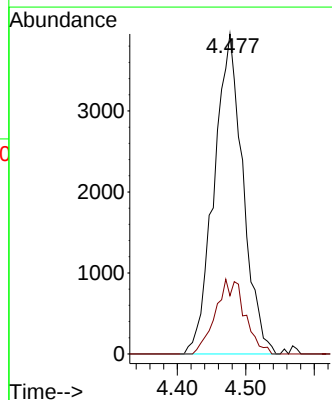
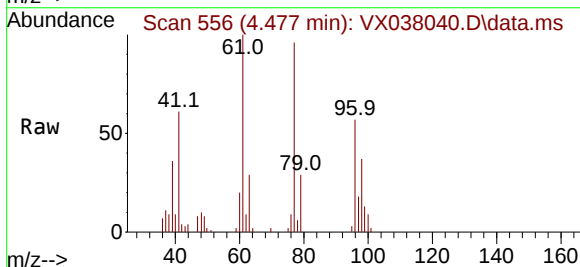
Manual Integrations
APPROVED

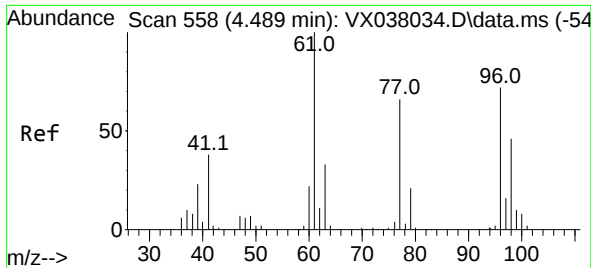
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#26
2,2-Dichloropropane
Concen: 4.744 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 77 Resp: 11564
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.746 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 9179

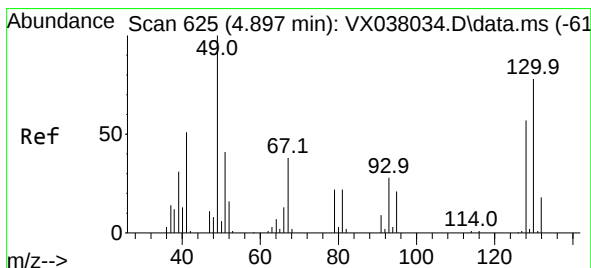
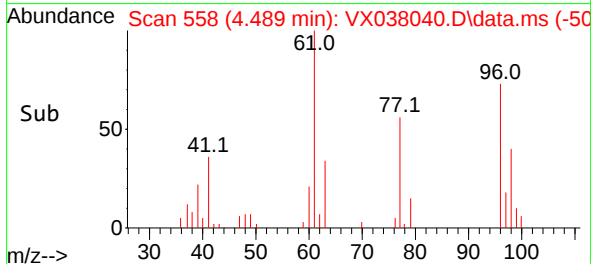
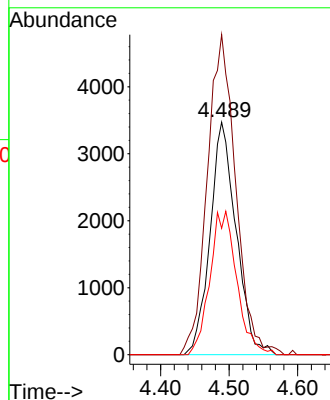
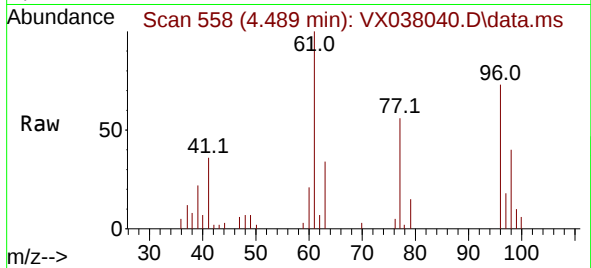
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	312.2
98	63.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#28

Bromochloromethane

Concen: 4.819 ug/l

RT: 4.898 min Scan# 625

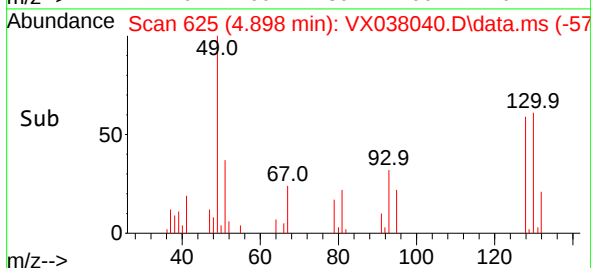
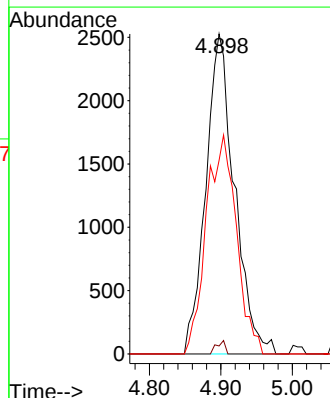
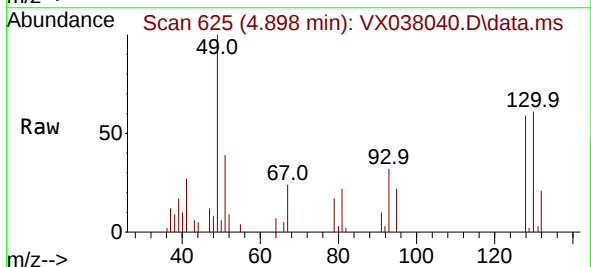
Delta R.T. 0.001 min

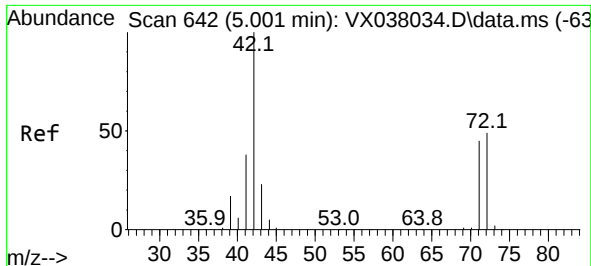
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion: 49 Resp: 7037

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	71.9	57.5	86.3





#29

Tetrahydrofuran

Concen: 22.754 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

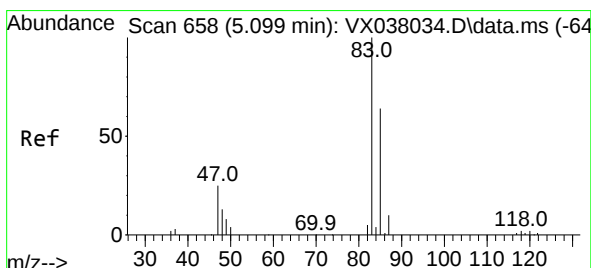
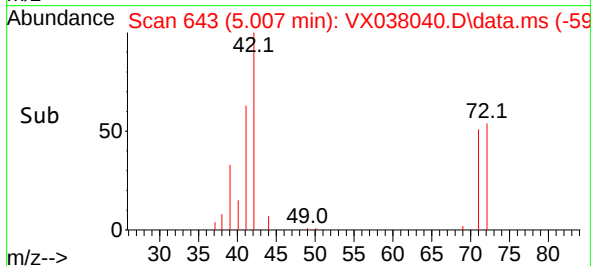
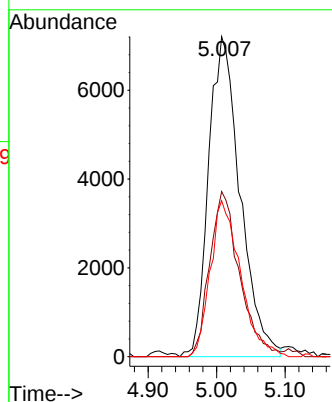
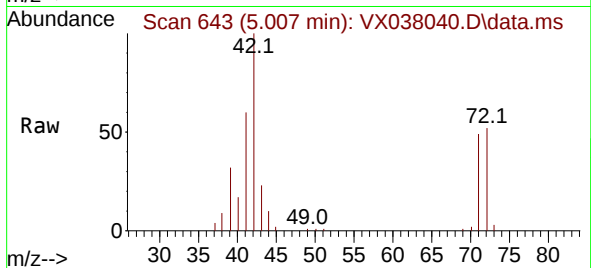
Tgt Ion:	42	Resp:	2305
Ion Ratio	Lower	Upper	
42	100		
72	48.7	34.2	51.4
71	46.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#30

Chloroform

Concen: 4.640 ug/l

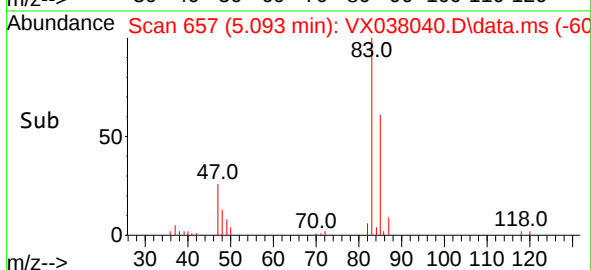
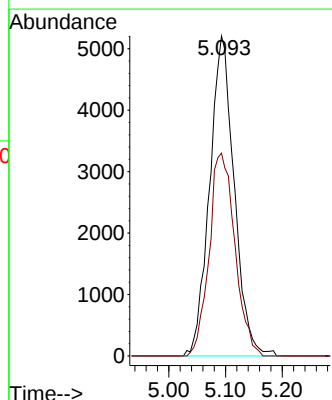
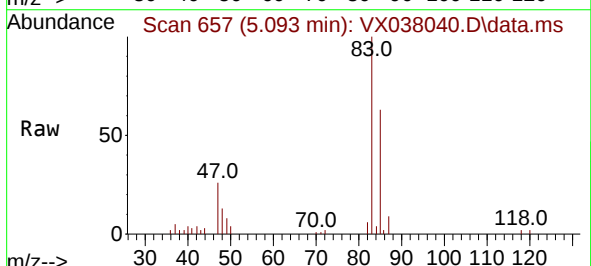
RT: 5.093 min Scan# 657

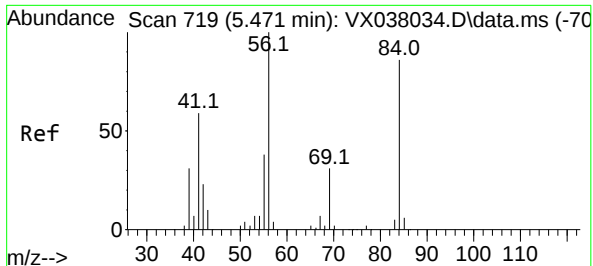
Delta R.T. -0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

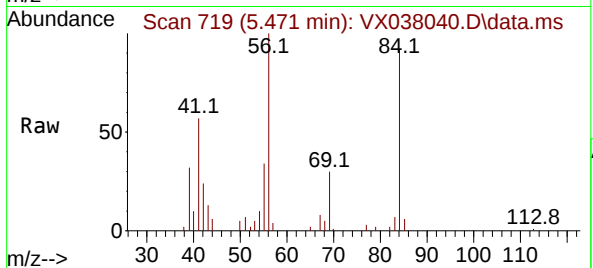
Tgt Ion:	83	Resp:	15686
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.3	75.5





#31
Cyclohexane
Concen: 4.604 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

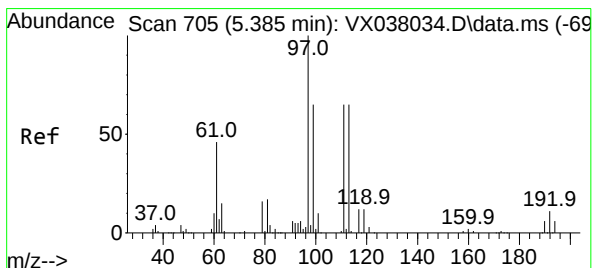
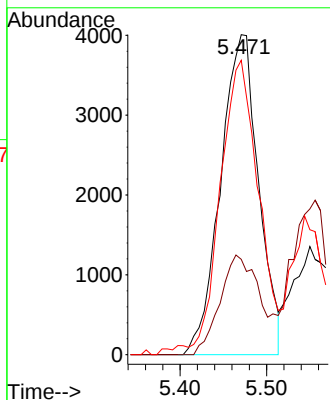
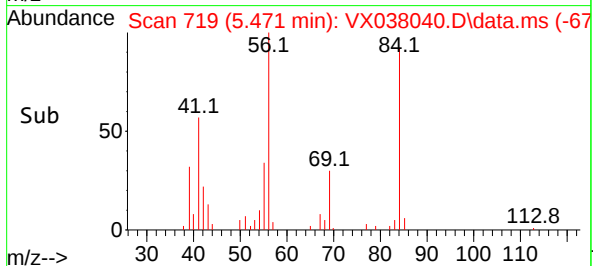
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



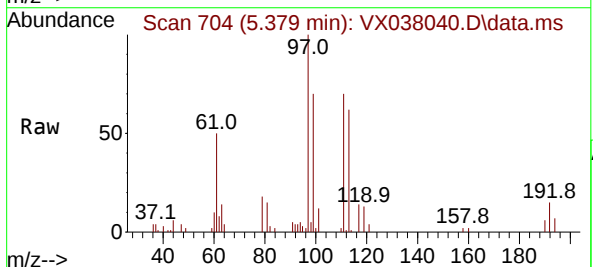
Tgt Ion: 56 Resp: 1221
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 89.1 65.9 98.9

Manual Integrations
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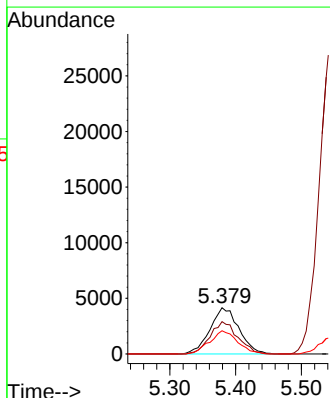
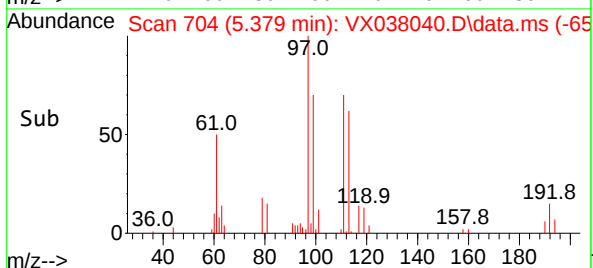
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

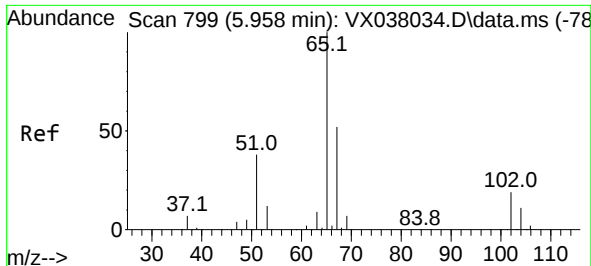


#32
1,1,1-Trichloroethane
Concen: 4.520 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



Tgt Ion: 97 Resp: 12712
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.323 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

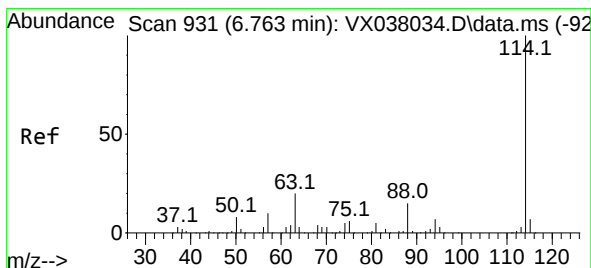
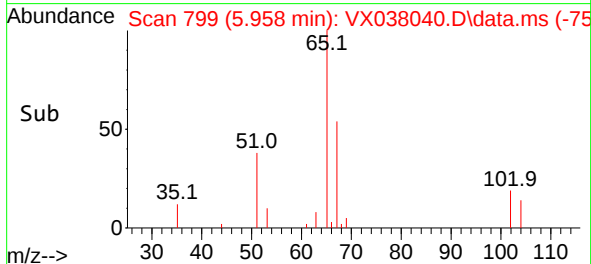
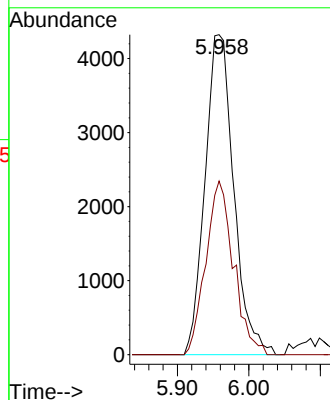
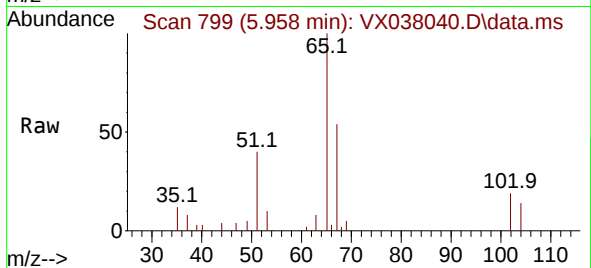
Tgt Ion: 65 Resp: 1207
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

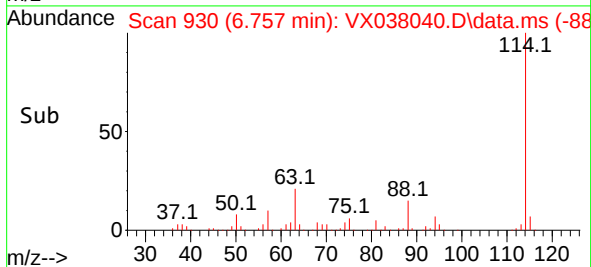
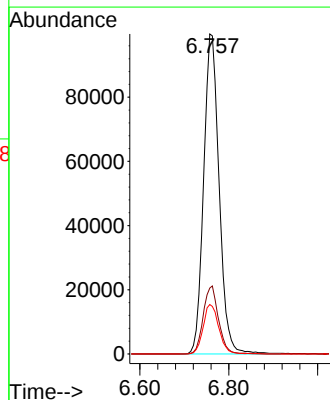
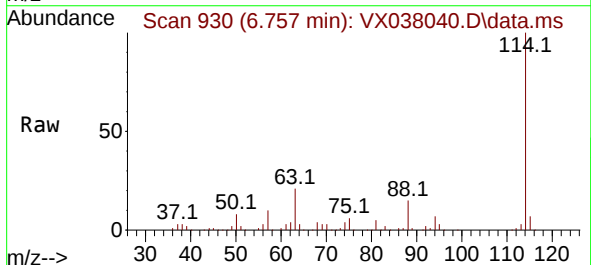
RT: 6.757 min Scan# 930

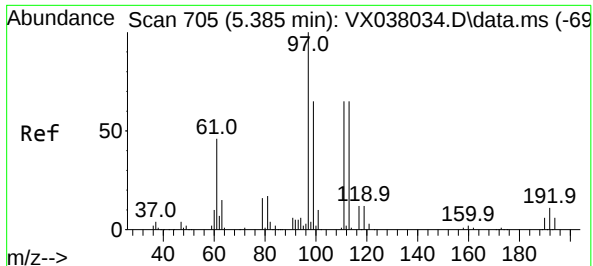
Delta R.T. -0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

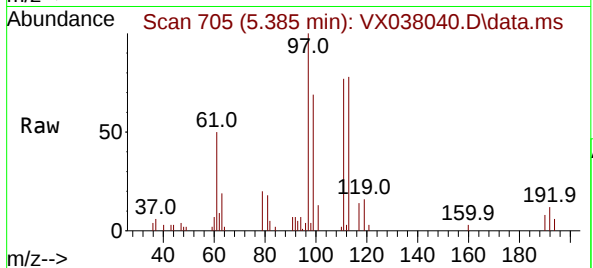
Tgt Ion:114 Resp: 242311
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.323 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

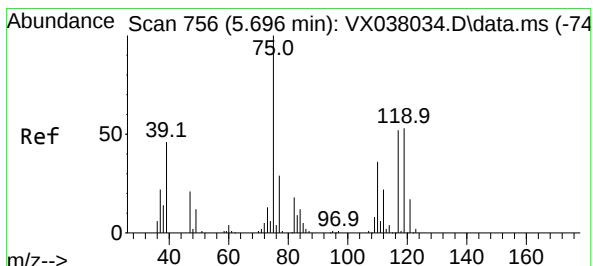
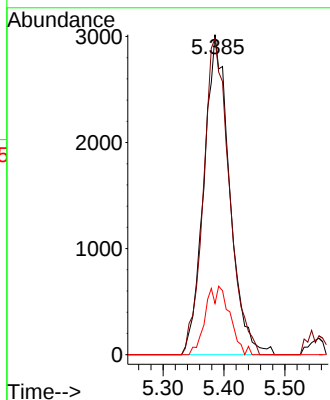
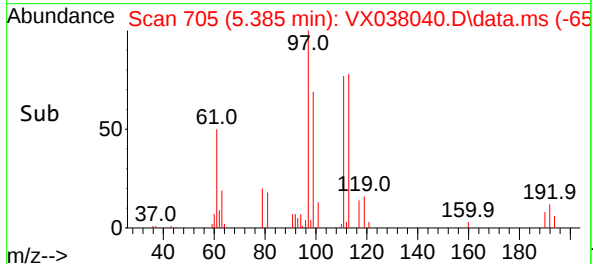
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 8849
Ion Ratio Lower Upper
113 100
111 98.9 82.9 124.3
192 9.2 13.3 19.9

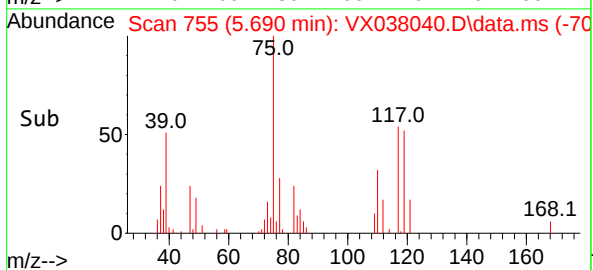
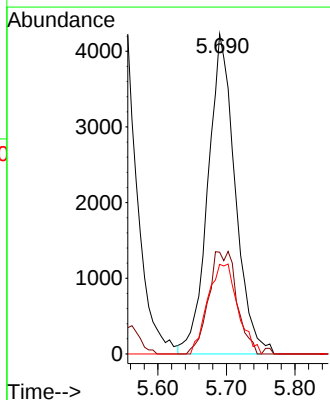
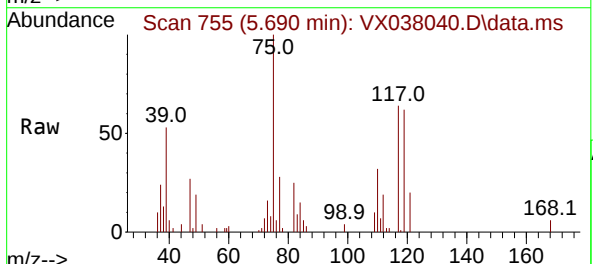
Manual Integrations
APPROVED

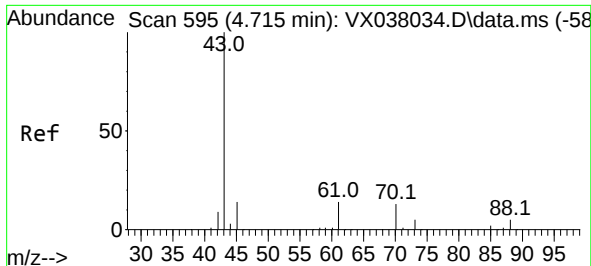
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 75 Resp: 11640
Ion Ratio Lower Upper
75 100
110 33.4 17.0 50.9
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 4.877 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

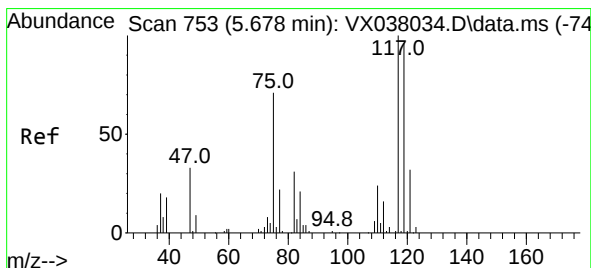
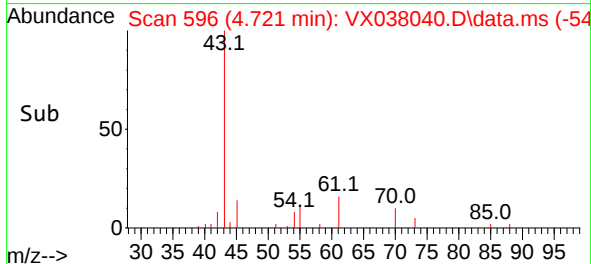
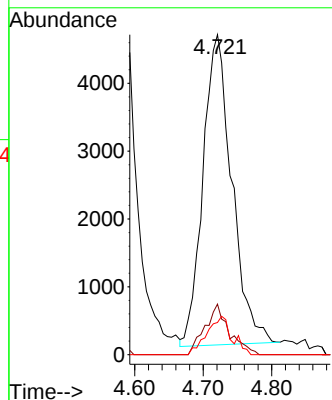
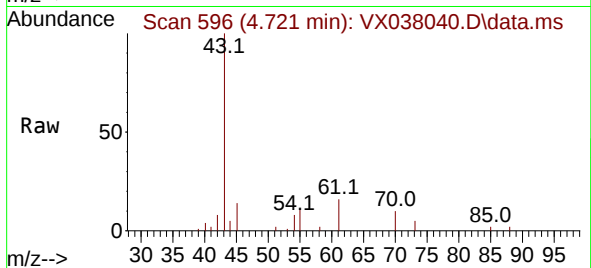
Tgt Ion:	43	Resp:	13419
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#38

Carbon Tetrachloride

Concen: 4.824 ug/l

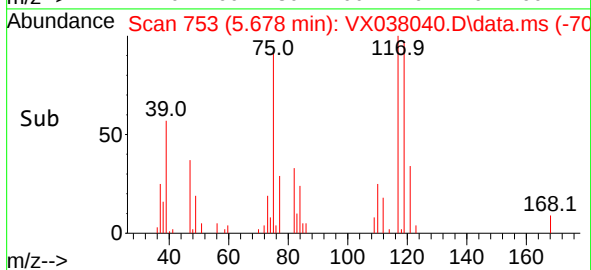
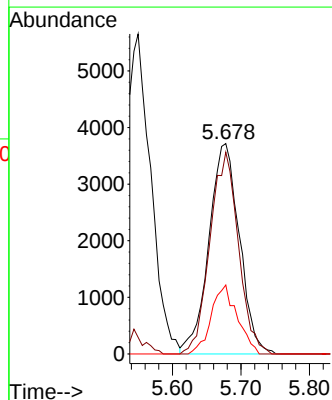
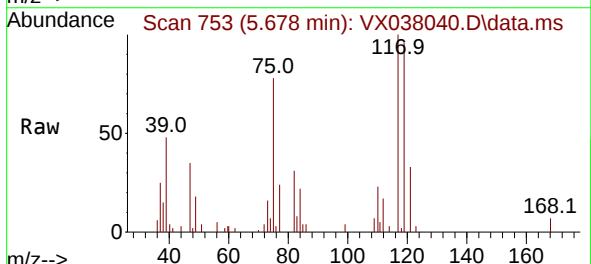
RT: 5.678 min Scan# 753

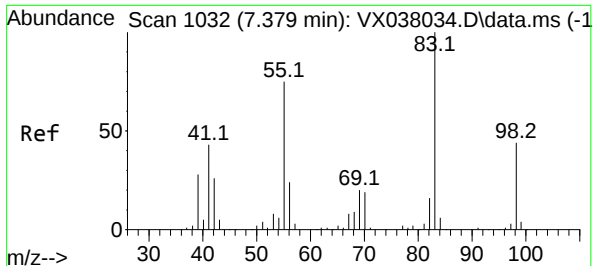
Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:	117	Resp:	11500
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.2
121	32.7	24.4	36.6





#39

Methylcyclohexane

Concen: 4.926 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 14264

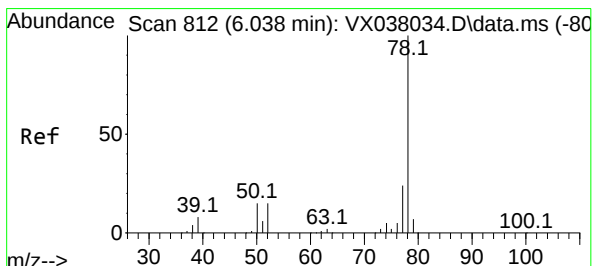
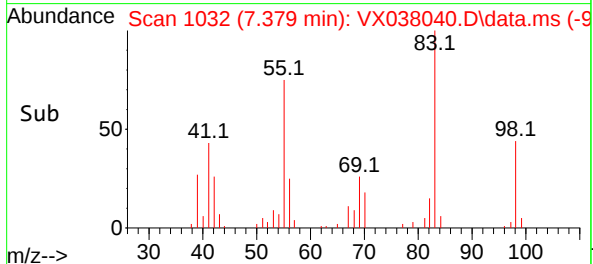
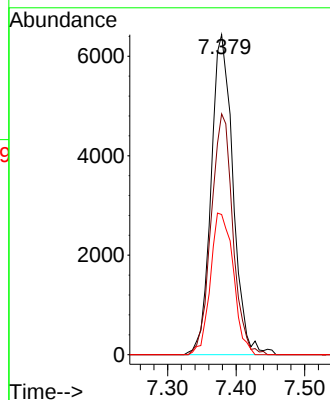
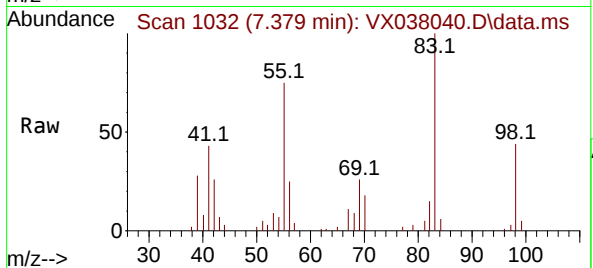
Ion	Ratio	Lower	Upper
83	100		
55	75.2	64.6	97.0
98	43.8	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#40

Benzene

Concen: 4.850 ug/l

RT: 6.044 min Scan# 813

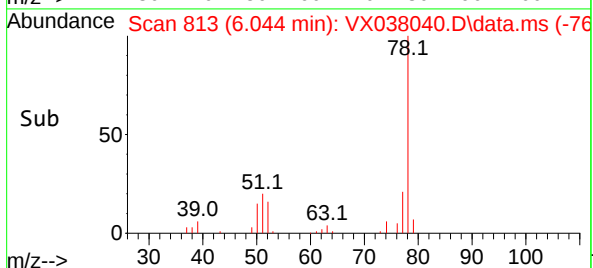
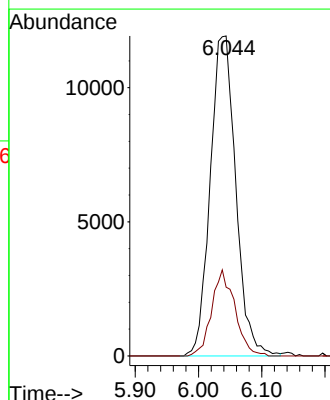
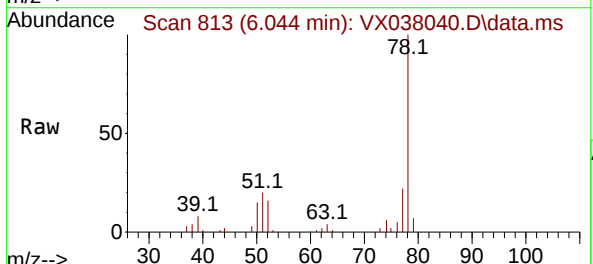
Delta R.T. 0.006 min

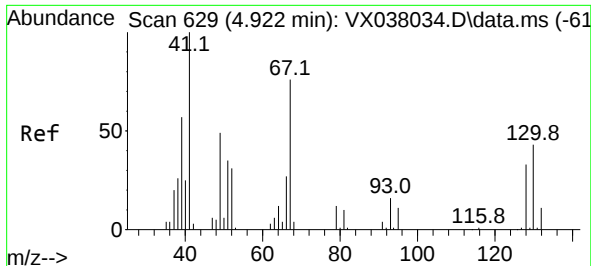
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion: 78 Resp: 33516

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.3	28.9





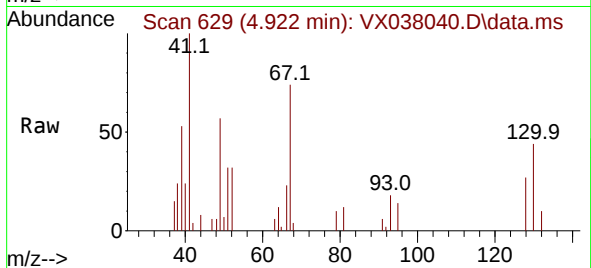
#41
Methacrylonitrile
Concen: 5.111 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



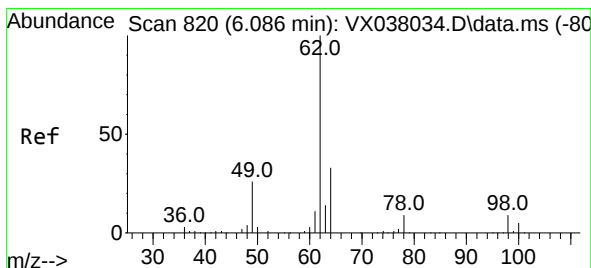
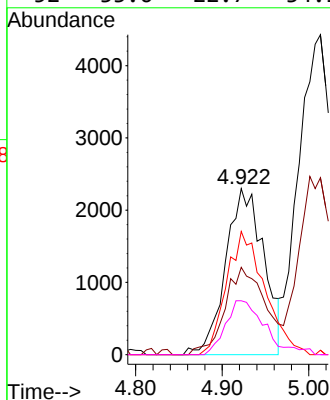
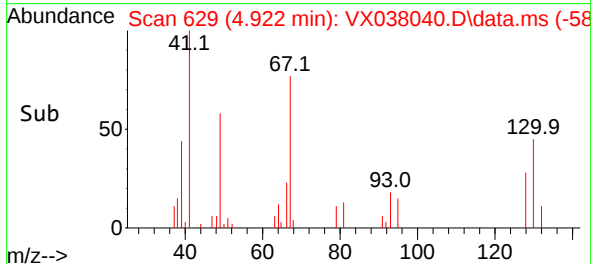
Tgt Ion:	41	Resp:	704
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	74.7	52.6	78.8
52	33.6	22.7	34.1

Manual Integrations

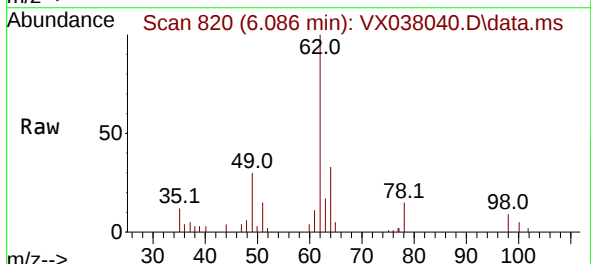
APPROVED

Reviewed By :John Carlone 10/04/2023

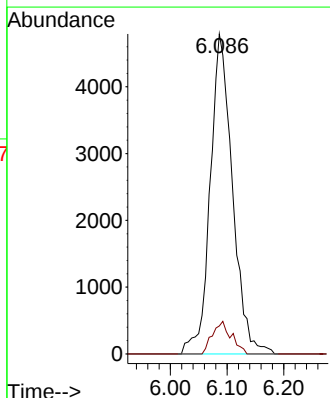
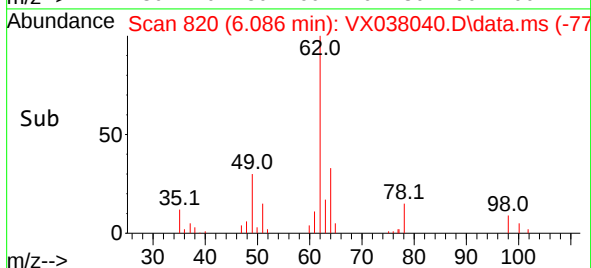
Supervised By :Semsettin Yesilyurt 10/04/2023

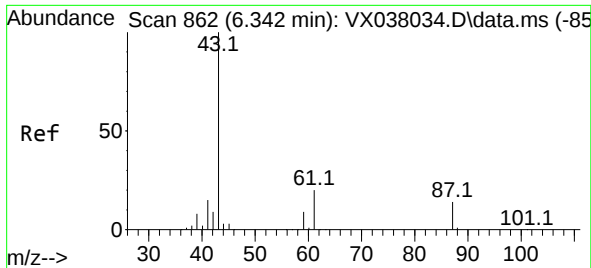


#42
1,2-Dichloroethane
Concen: 4.824 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



Tgt Ion:	62	Resp:	13074
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.728 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

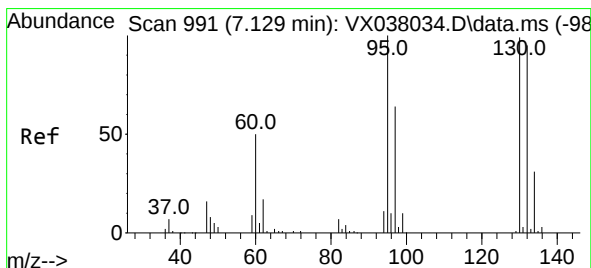
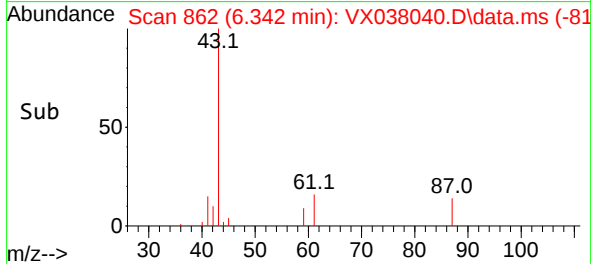
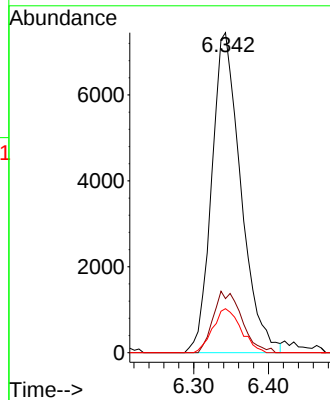
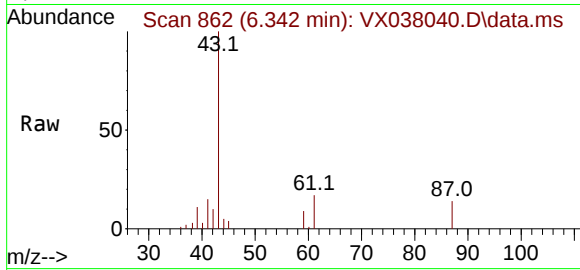
Tgt Ion: 43	Resp: 2015
Ion Ratio	Lower Upper
43 100	
61 18.8	15.2 22.8
87 13.2	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#44

Trichloroethene

Concen: 4.958 ug/l

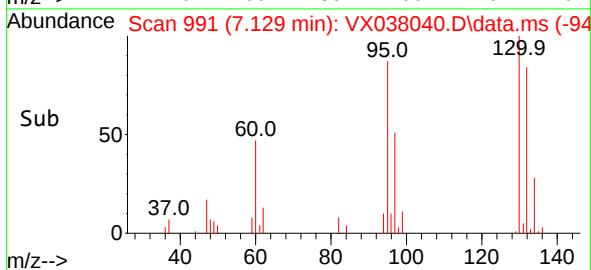
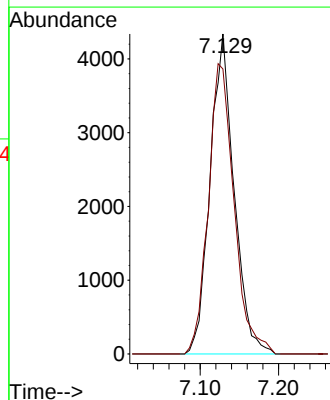
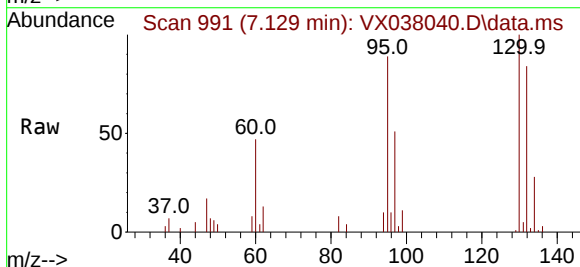
RT: 7.129 min Scan# 991

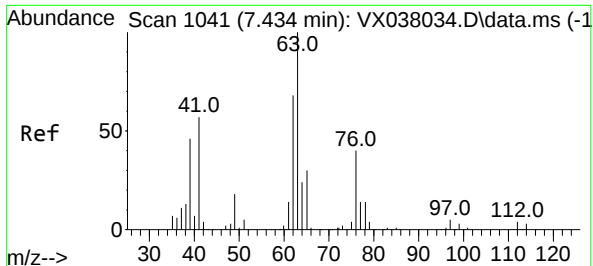
Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:130	Resp: 9246
Ion Ratio	Lower Upper
130 100	
95 89.0	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.097 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 896

Ion Ratio Lower Upper

63 100

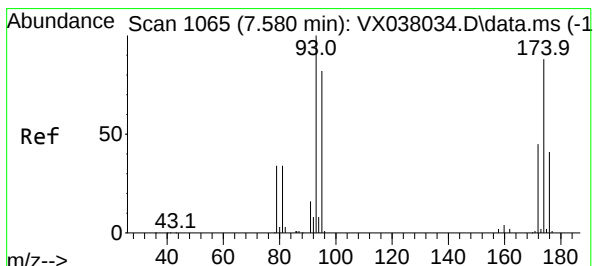
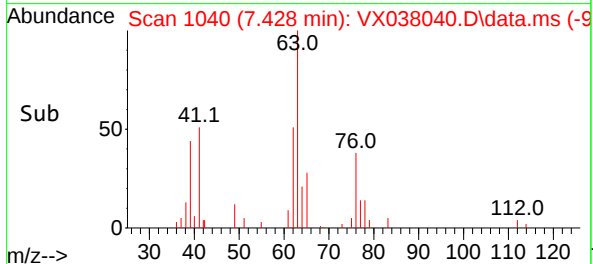
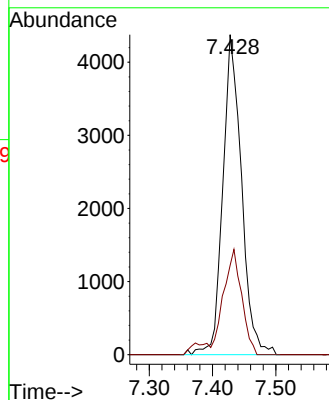
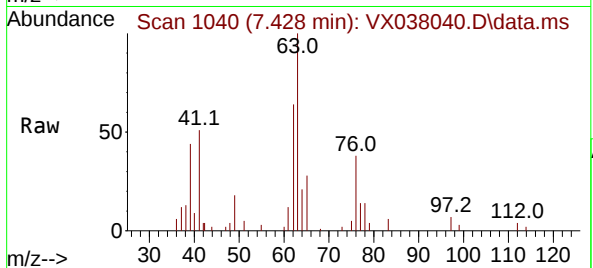
65 27.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#46

Dibromomethane

Concen: 4.858 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

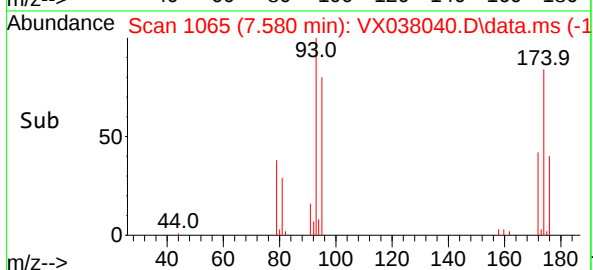
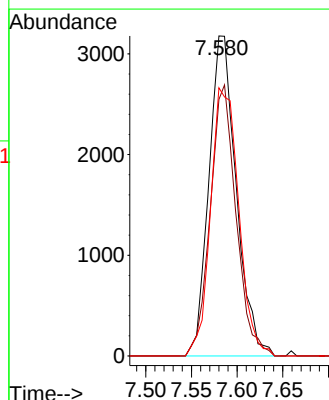
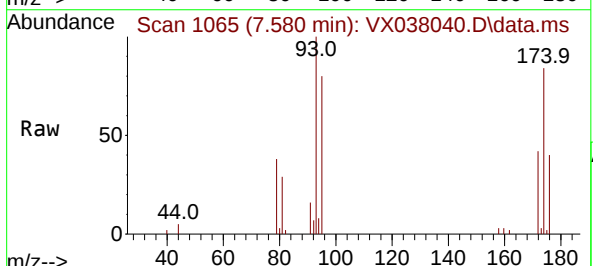
Tgt Ion: 93 Resp: 6619

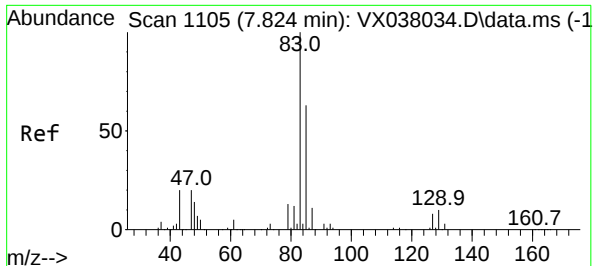
Ion Ratio Lower Upper

93 100

95 79.9 66.6 100.0

174 86.1 69.4 104.0





#47
Bromodichloromethane
Concen: 4.597 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

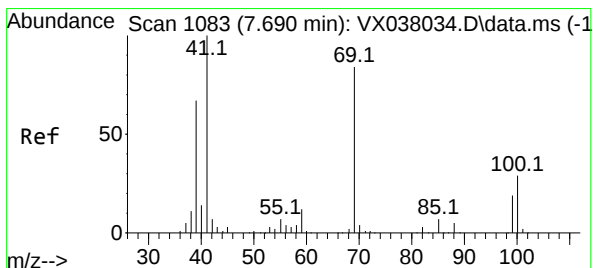
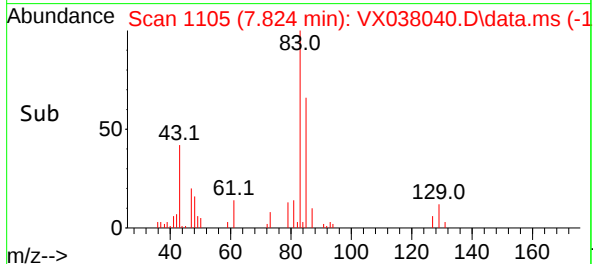
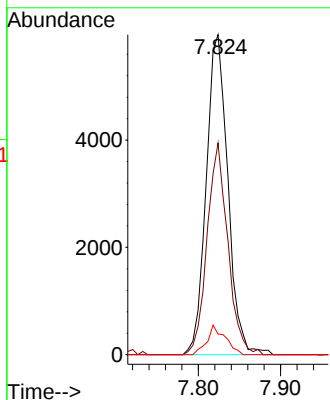
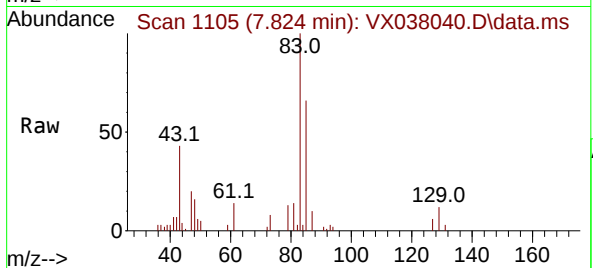
VSTDIC005

Tgt Ion: 83 Resp: 1090
Ion Ratio Lower Upper
83 100
85 66.2 49.8 74.6
127 6.4 7.1 10.7

Manual Integrations

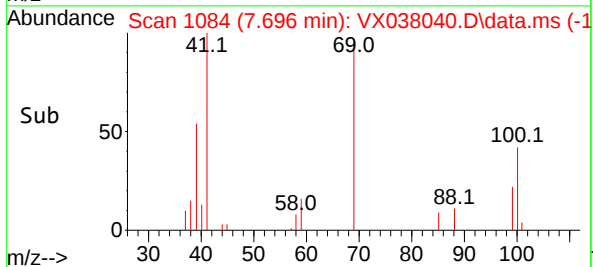
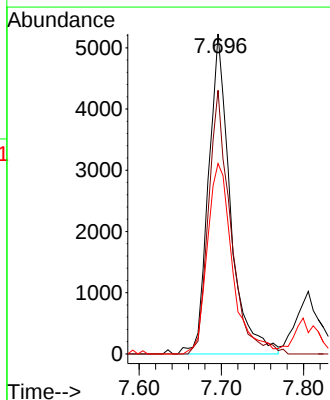
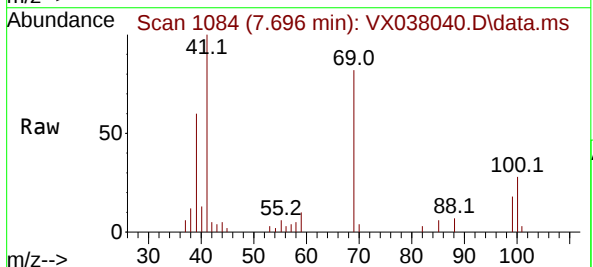
APPROVED

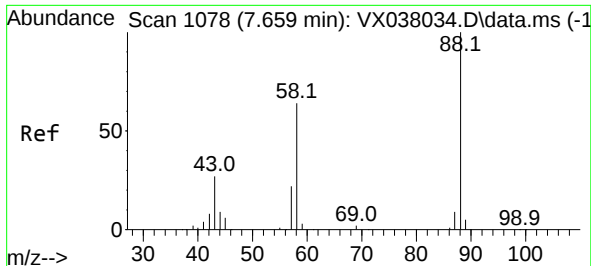
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#48
Methyl methacrylate
Concen: 4.713 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 41 Resp: 9659
Ion Ratio Lower Upper
41 100
69 82.9 59.2 88.8
39 68.8 47.7 71.5





#49

1,4-Dioxane

Concen: 88.068 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 4040

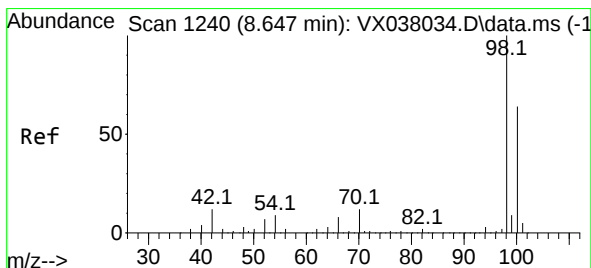
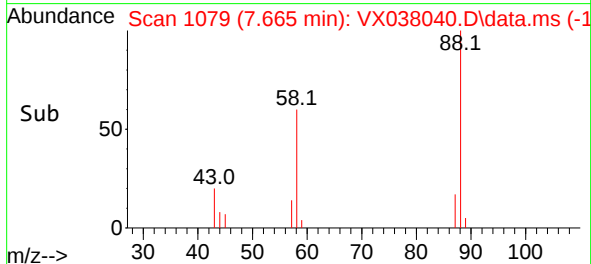
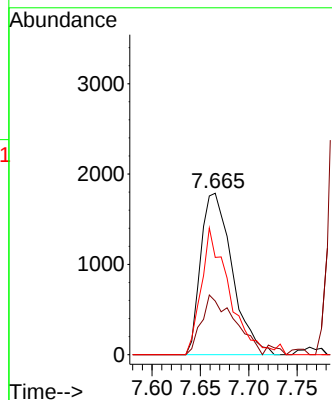
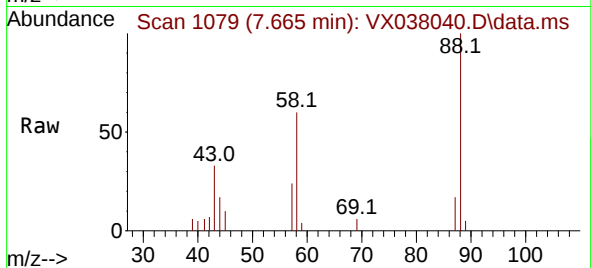
Ion	Ratio	Lower	Upper
88	100		
43	38.8	0.0	0.0
58	70.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#50

Toluene-d8

Concen: 5.268 ug/l

RT: 8.647 min Scan# 1240

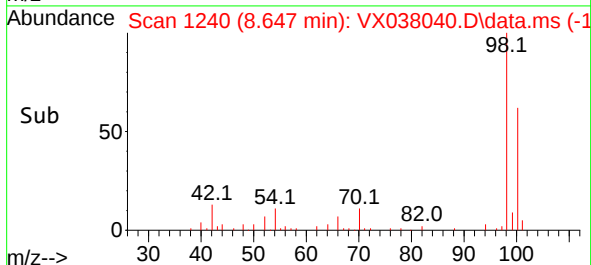
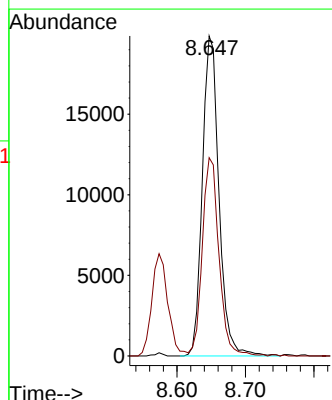
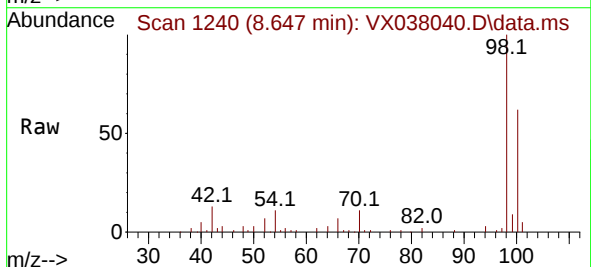
Delta R.T. 0.000 min

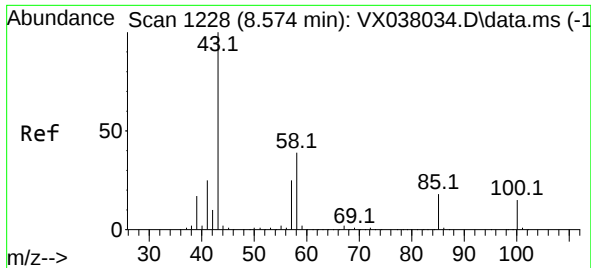
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion: 98 Resp: 33517

Ion	Ratio	Lower	Upper
98	100		
100	62.2	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 24.131 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

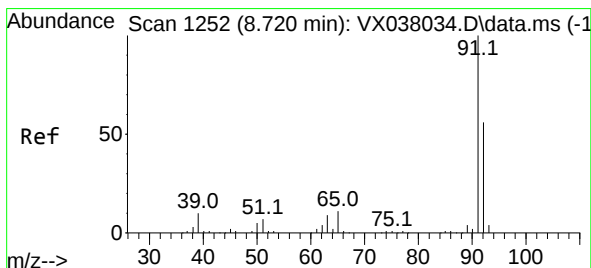
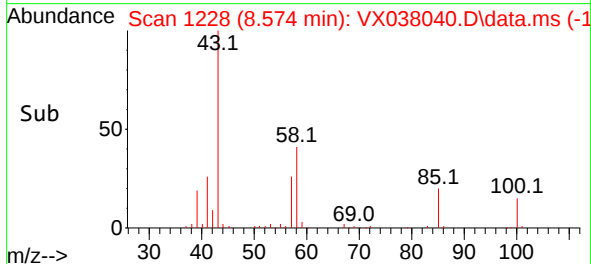
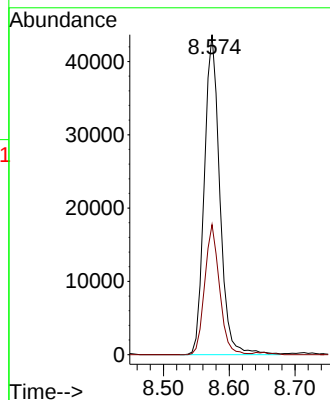
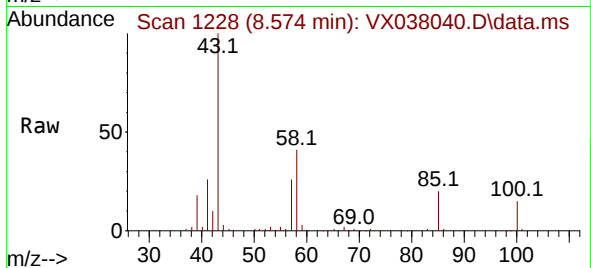
VSTDICC005

Tgt Ion: 43 Resp: 71460
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

Manual Integrations

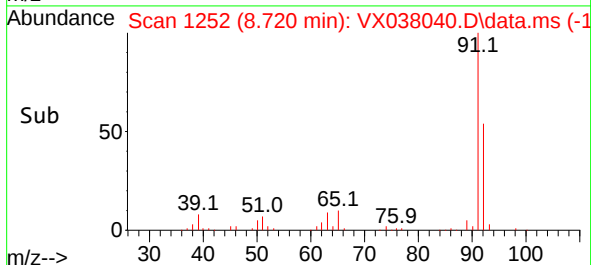
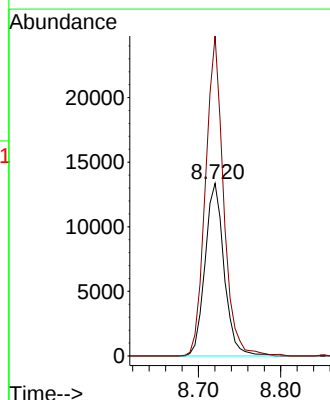
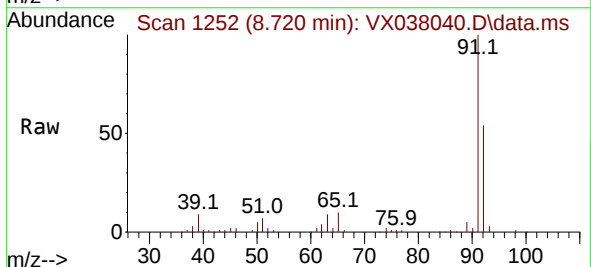
APPROVED

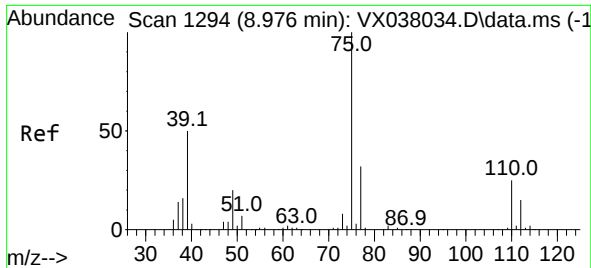
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#52
Toluene
Concen: 4.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 92 Resp: 21486
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.321 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 10790

Ion Ratio Lower Upper

75 100

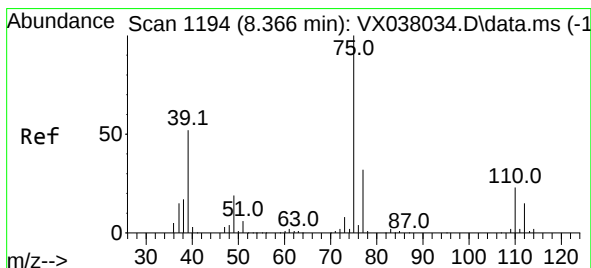
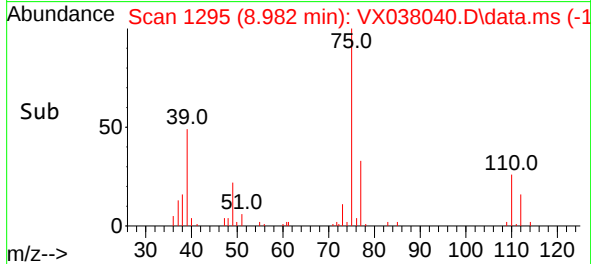
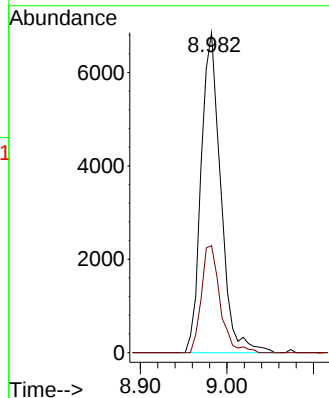
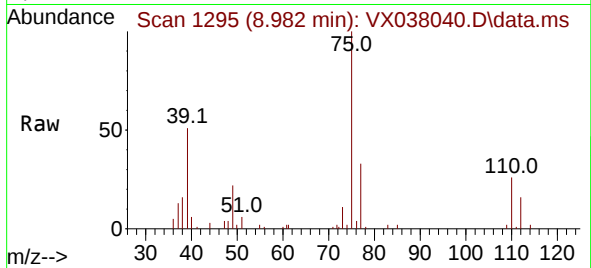
77 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#54

cis-1,3-Dichloropropene

Concen: 4.746 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

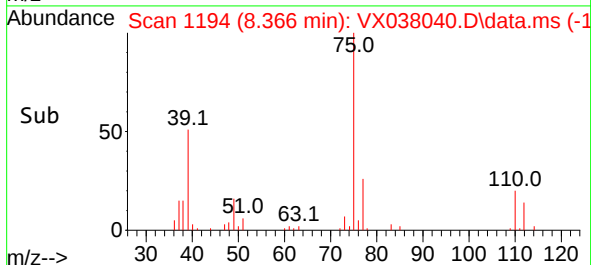
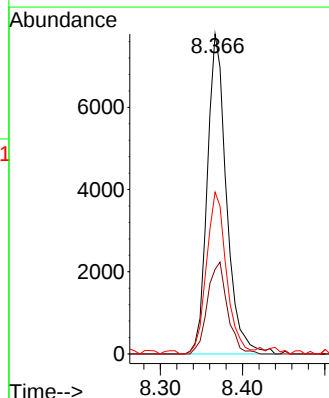
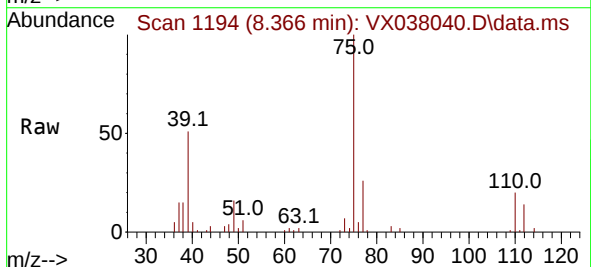
Tgt Ion: 75 Resp: 12619

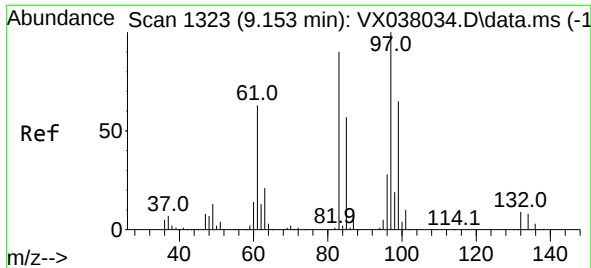
Ion Ratio Lower Upper

75 100

77 26.4 25.3 37.9

39 50.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.765 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

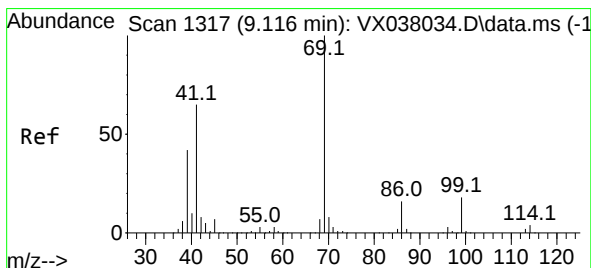
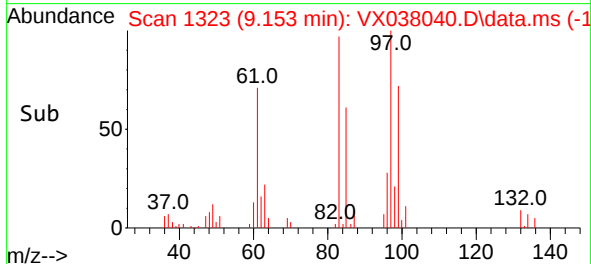
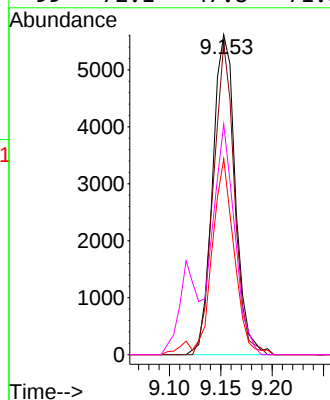
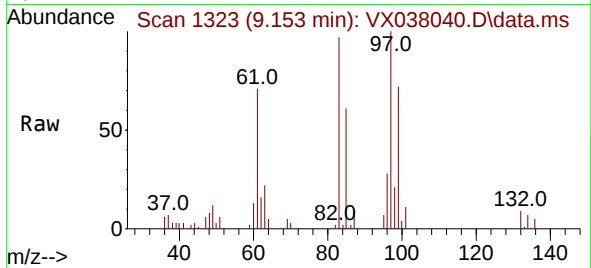
Tgt Ion: 97 Resp: 865
Ion Ratio Lower Upper
97 100
83 97.4 65.8 98.8
85 61.2 41.6 62.4
99 72.1 47.8 71.8#

Manual Integrations

APPROVED

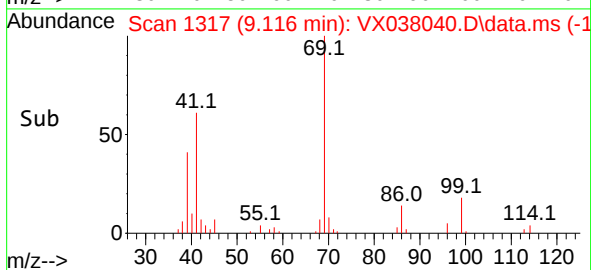
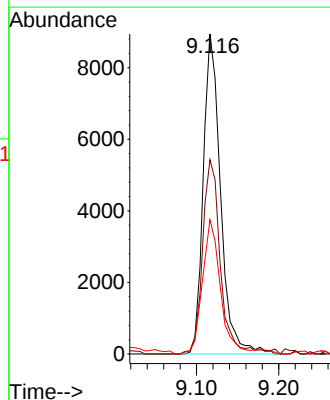
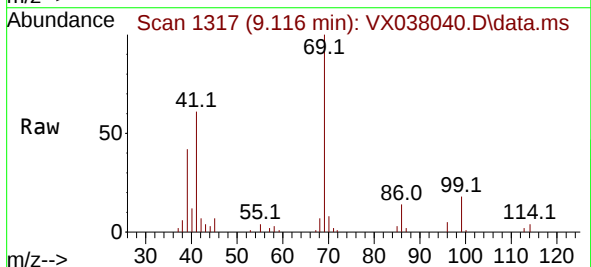
Reviewed By :John Carlone 10/04/2023

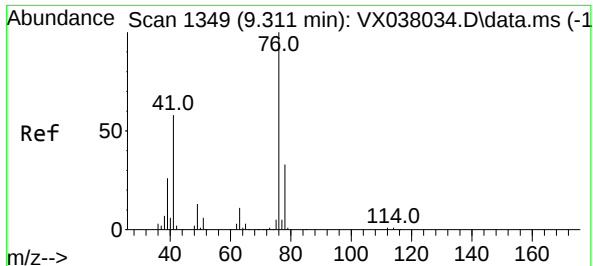
Supervised By :Semsettin Yesilyurt 10/04/2023



#56
Ethyl methacrylate
Concen: 4.795 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 69 Resp: 13090
Ion Ratio Lower Upper
69 100
41 62.7 56.8 85.2
39 43.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.834 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1476

Ion Ratio Lower Upper

76 100

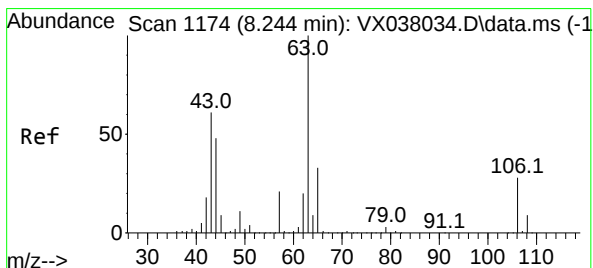
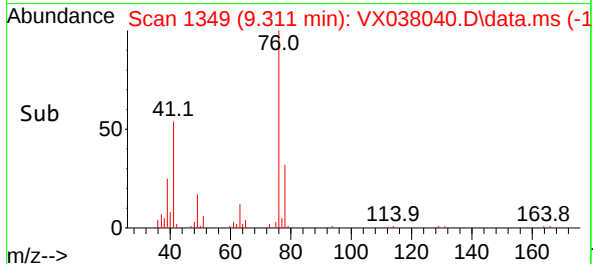
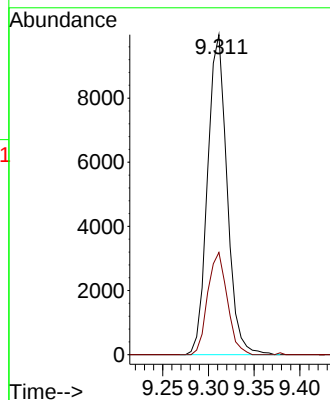
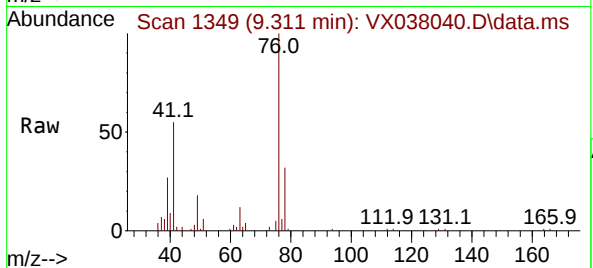
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.749 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX038040.D

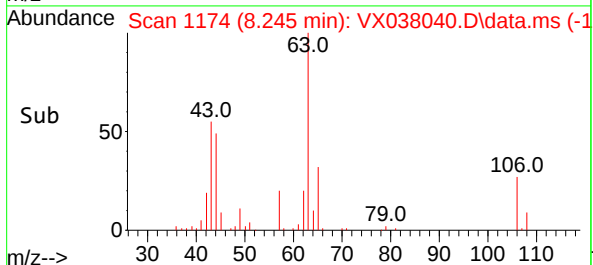
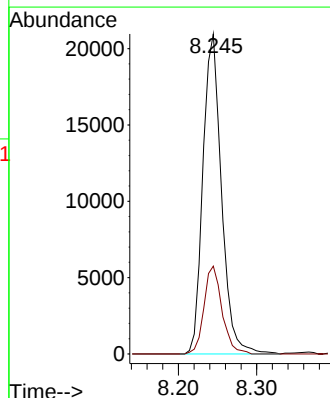
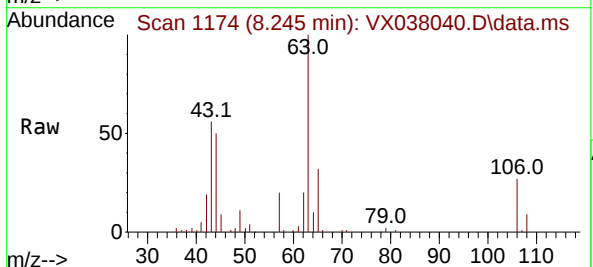
Acq: 03 Oct 2023 15:47

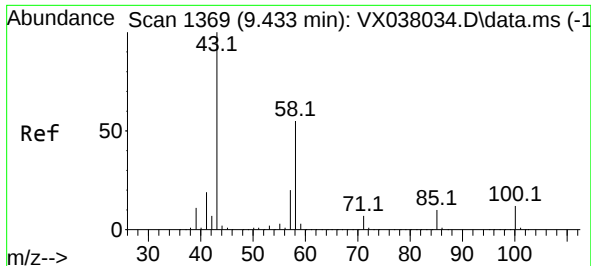
Tgt Ion: 63 Resp: 34532

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7





#59

2-Hexanone

Concen: 23.515 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 5571

Ion Ratio Lower Upper

43 100

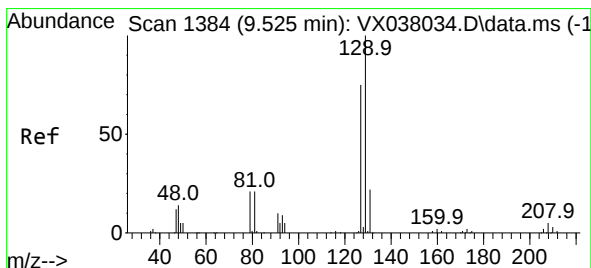
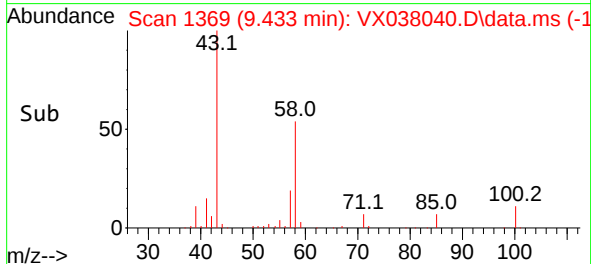
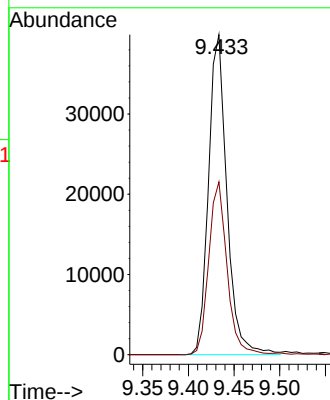
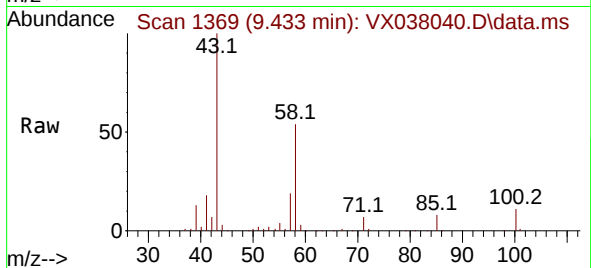
58 53.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#60

Dibromochloromethane

Concen: 4.427 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038040.D

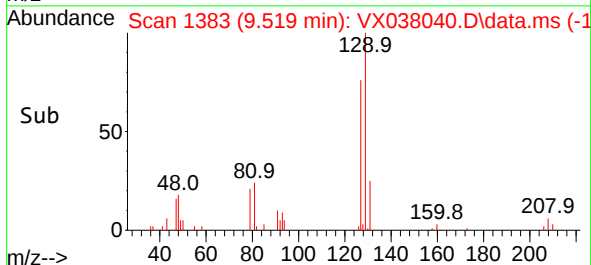
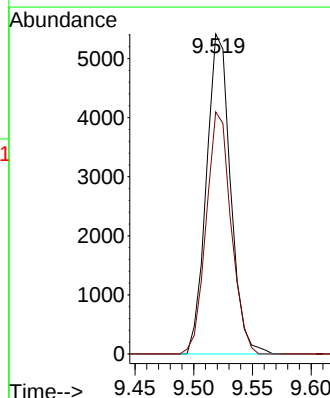
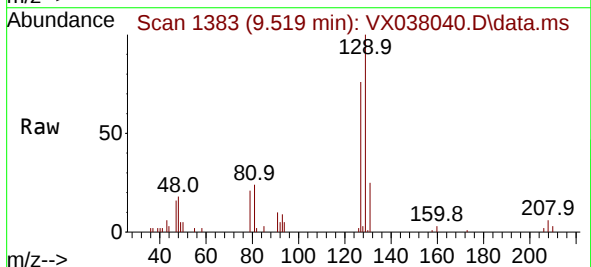
Acq: 03 Oct 2023 15:47

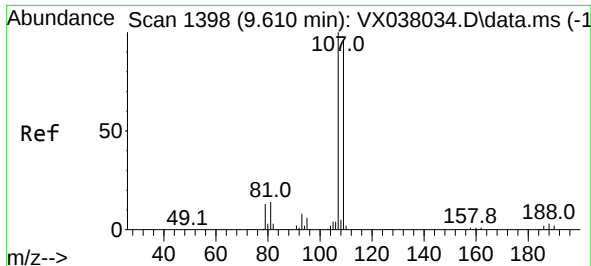
Tgt Ion:129 Resp: 7738

Ion Ratio Lower Upper

129 100

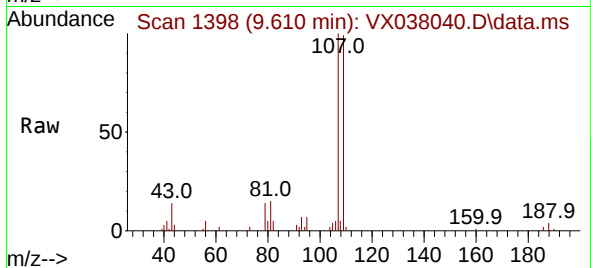
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.627 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

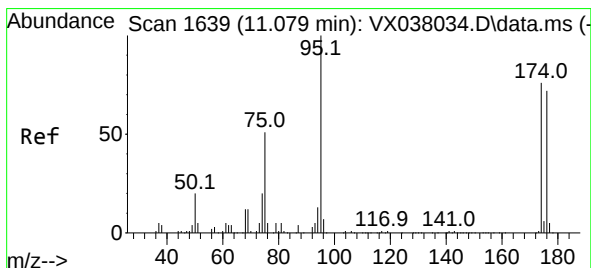
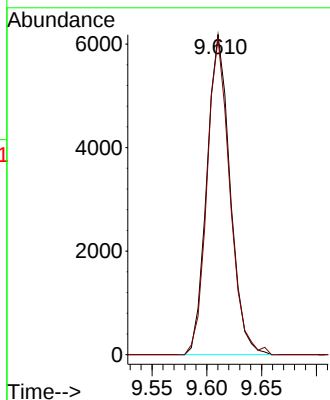
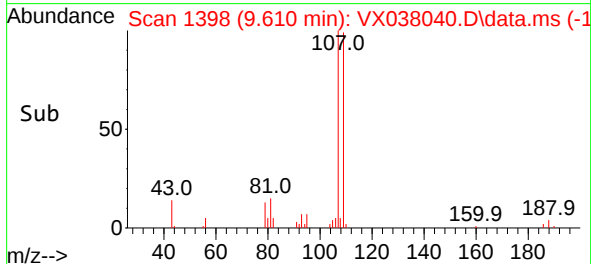
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



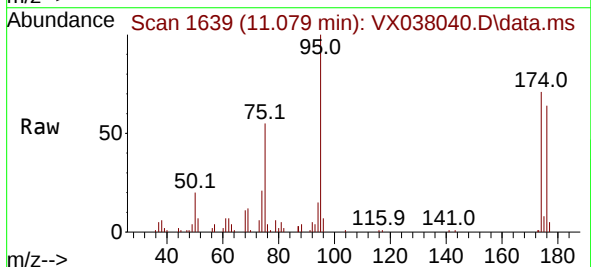
Tgt Ion:107 Resp: 911
Ion Ratio Lower Upper
107 100
109 97.0 75.2 112.8

Manual Integrations
APPROVED

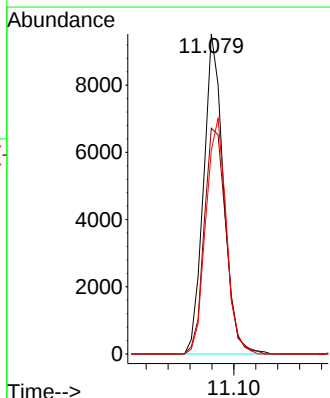
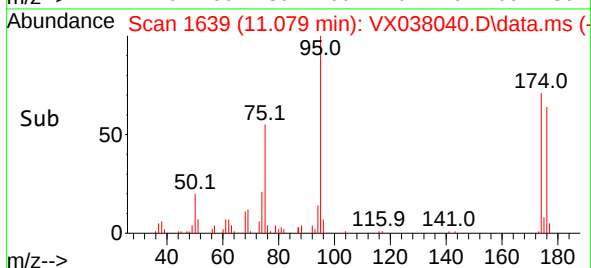
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

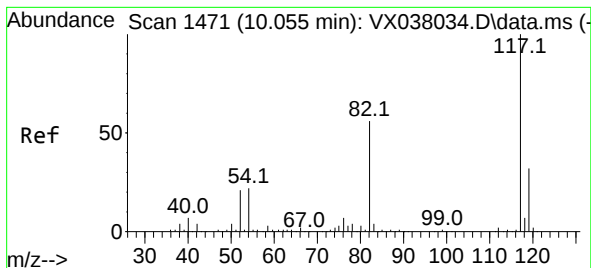


#62
4-Bromofluorobenzene
Concen: 5.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



Tgt Ion: 95 Resp: 11973
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 227670

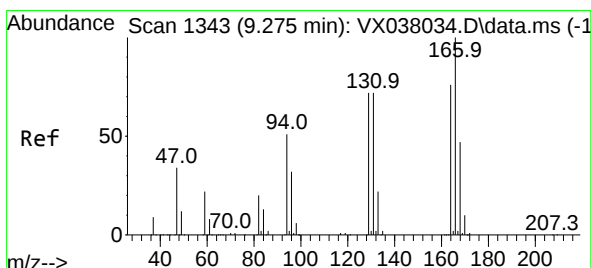
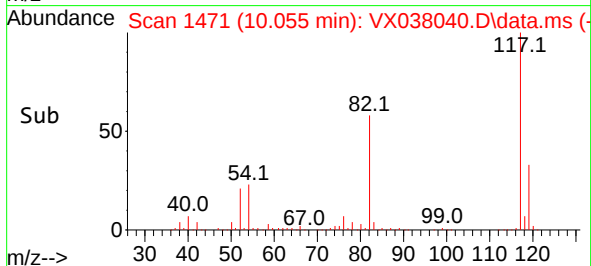
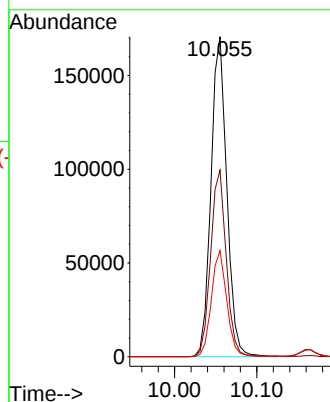
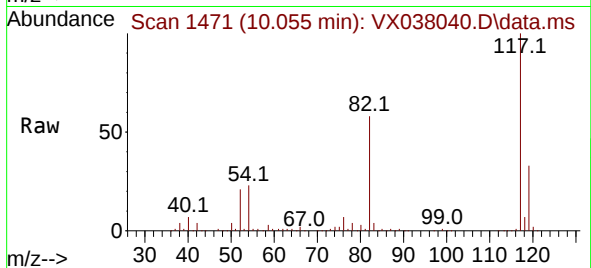
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	33.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#64

Tetrachloroethene

Concen: 4.869 ug/l

RT: 9.275 min Scan# 1343

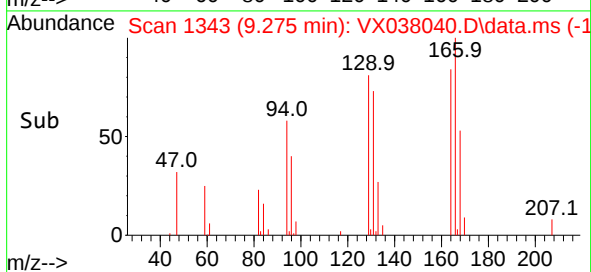
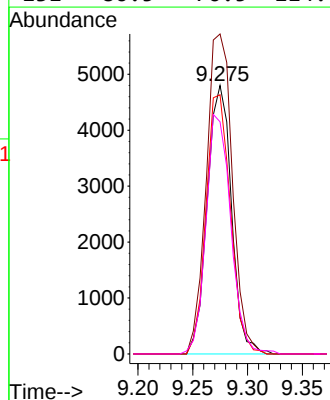
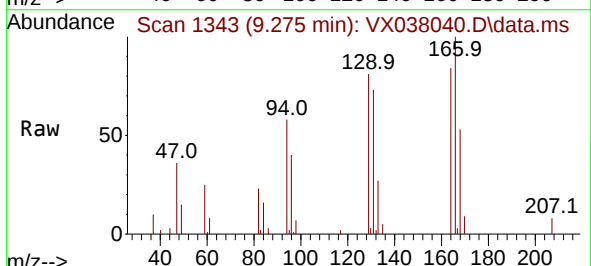
Delta R.T. 0.000 min

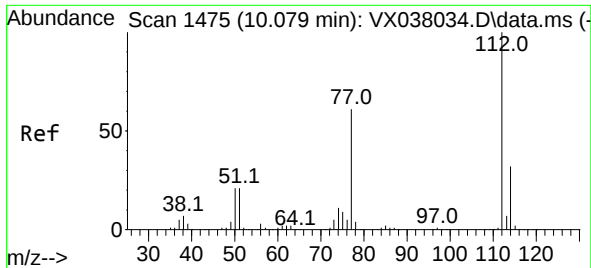
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:164 Resp: 7375

Ion	Ratio	Lower	Upper
164	100		
166	119.2	102.7	154.1
129	96.6	80.4	120.6
131	86.5	76.5	114.7





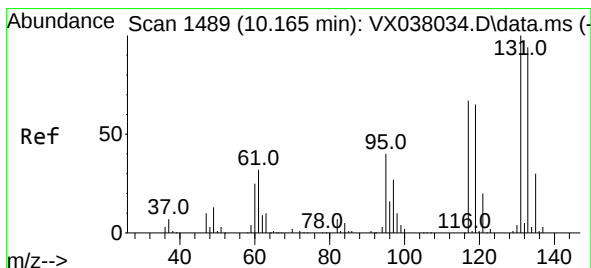
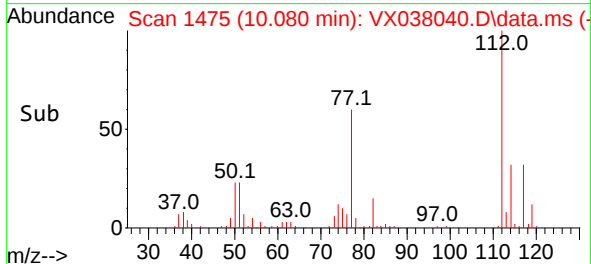
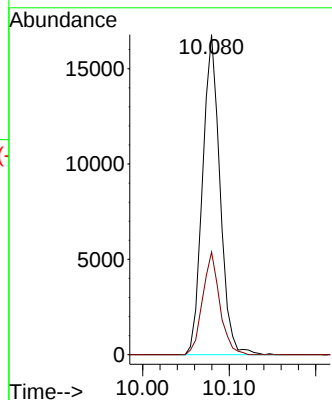
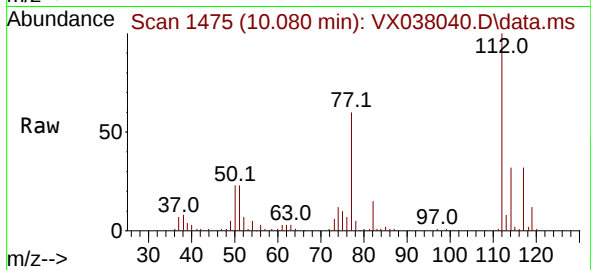
#65
Chlorobenzene
Concen: 4.897 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2340
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

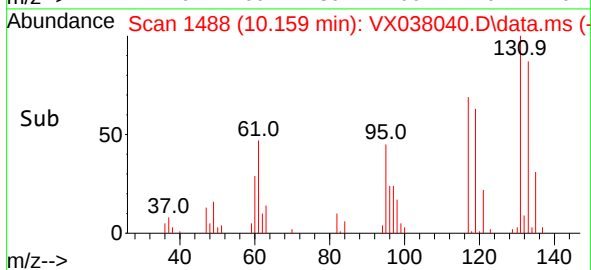
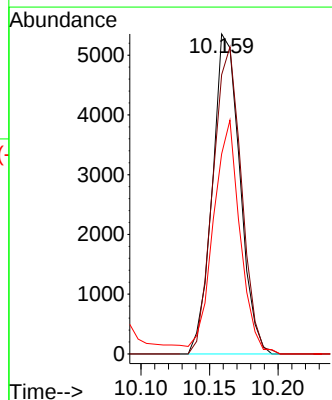
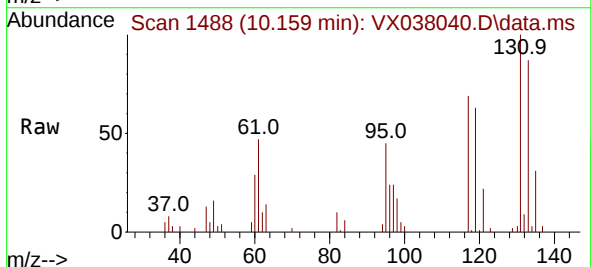
Manual Integrations
APPROVED

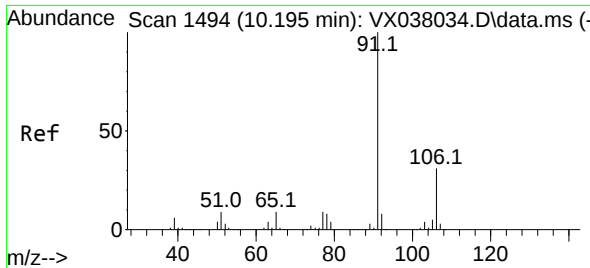
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.684 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion:131 Resp: 7464
Ion Ratio Lower Upper
131 100
133 99.0 47.1 141.4
119 71.6 32.2 96.6





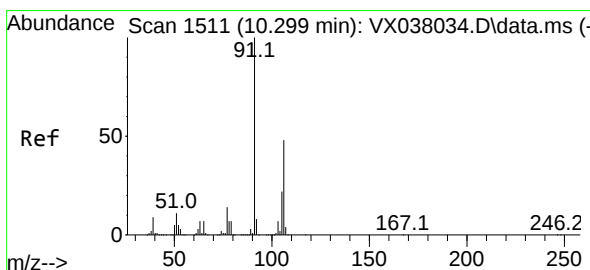
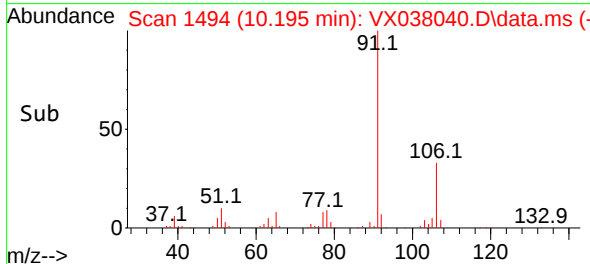
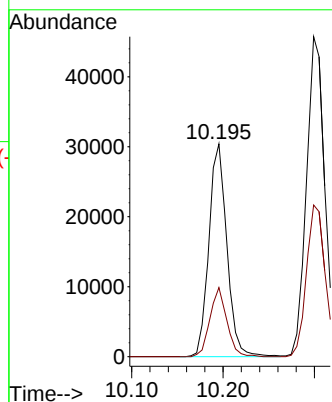
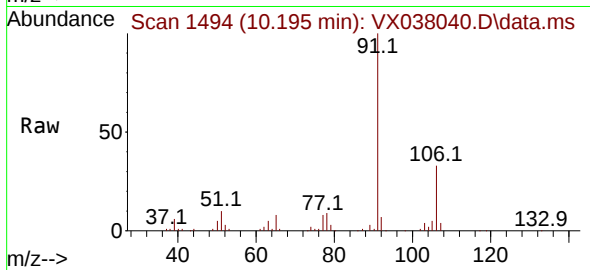
#67
Ethyl Benzene
Concen: 4.829 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 41511
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

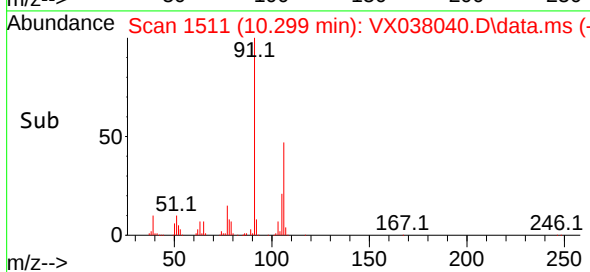
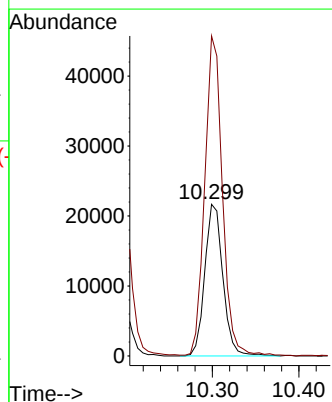
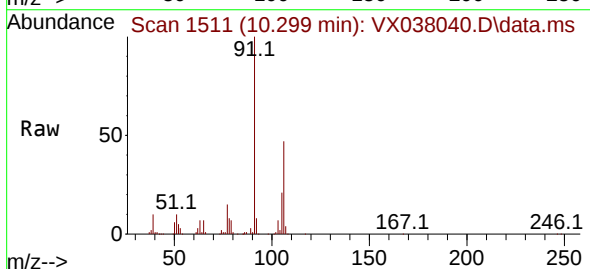
Manual Integrations
APPROVED

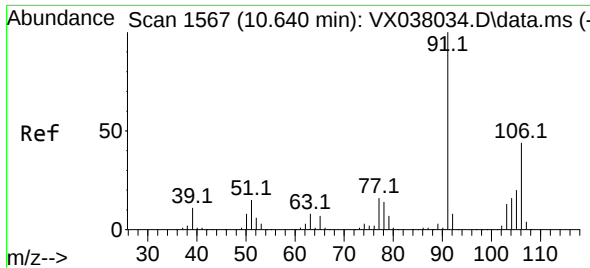
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#68
m/p-Xylenes
Concen: 9.572 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion:106 Resp: 31515
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3





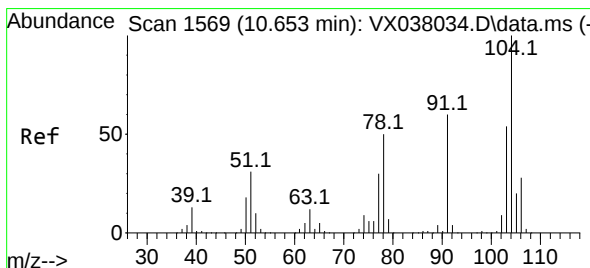
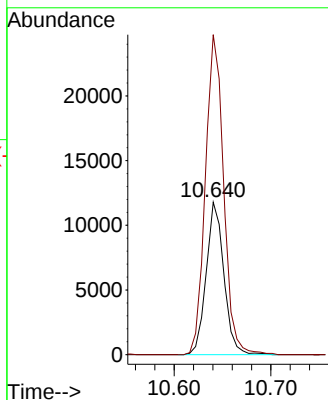
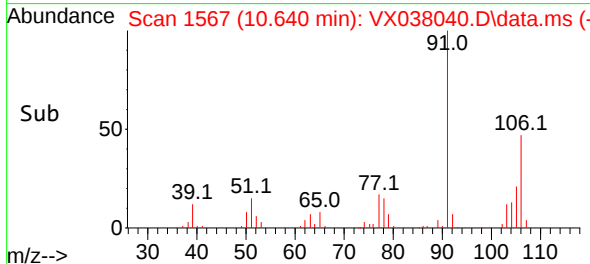
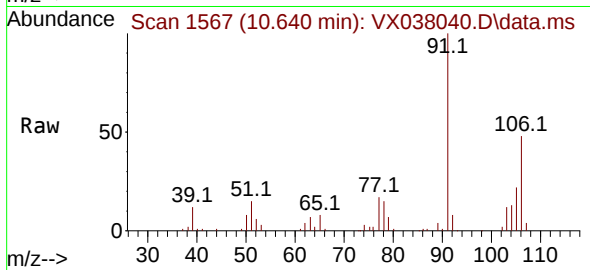
#69
o-Xylene
Concen: 4.812 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1504
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8

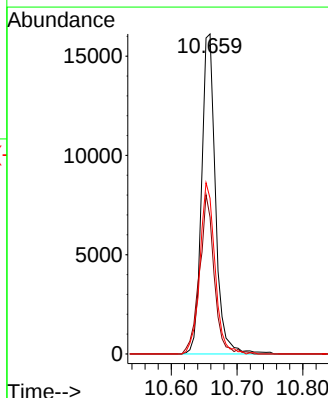
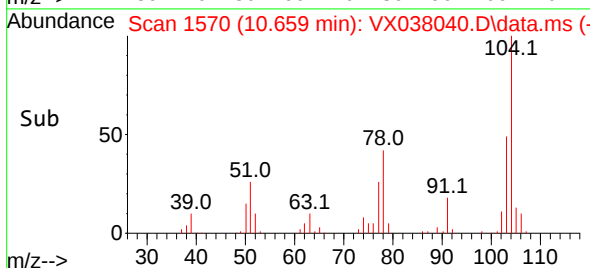
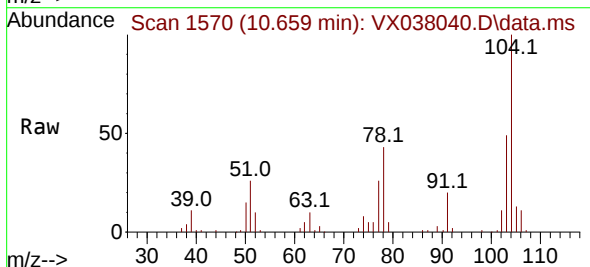
Manual Integrations
APPROVED

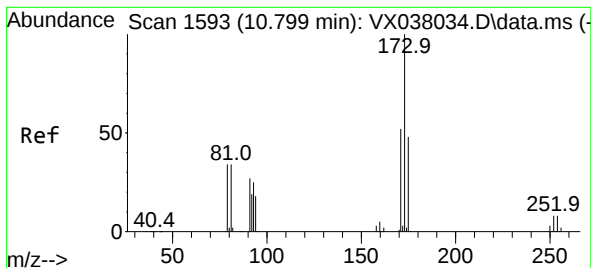
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#70
Styrene
Concen: 4.590 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

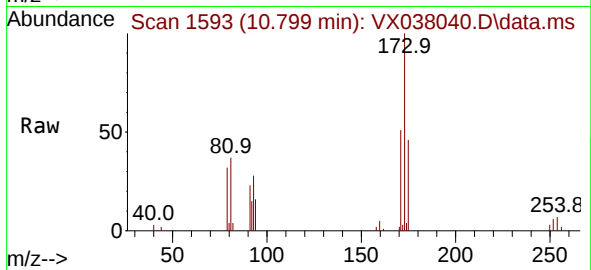
Tgt Ion:104 Resp: 23703
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 57.9 43.6 65.4





#71
Bromoform
Concen: 4.355 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

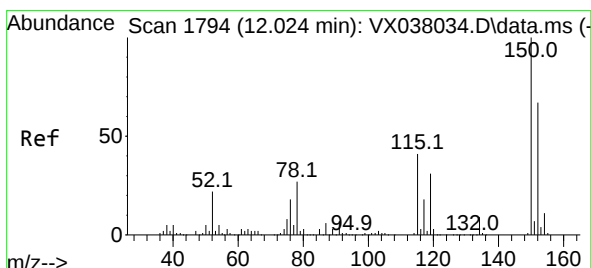
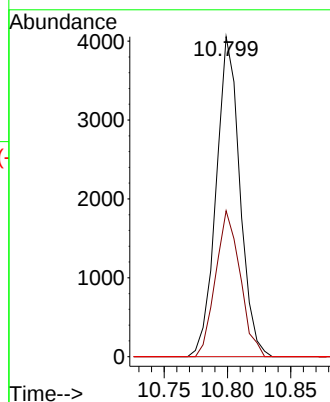
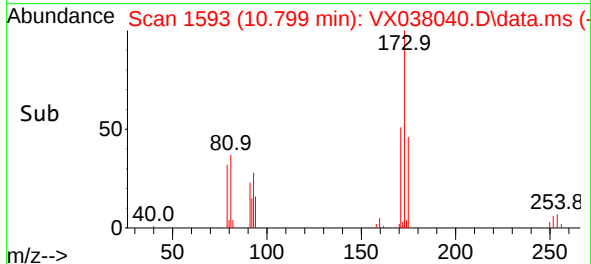
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



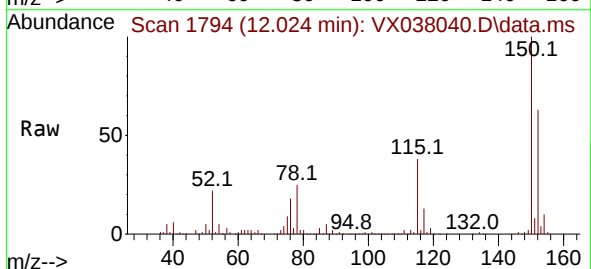
Tgt Ion:173 Resp: 5270
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

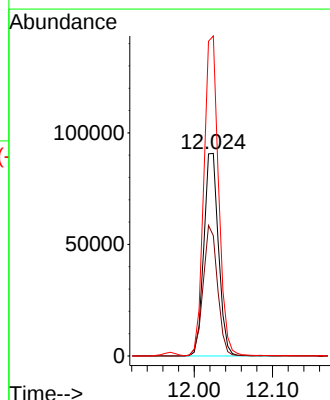
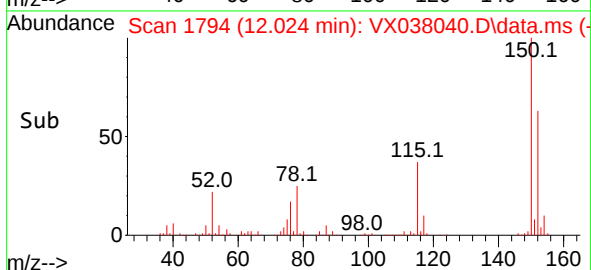
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

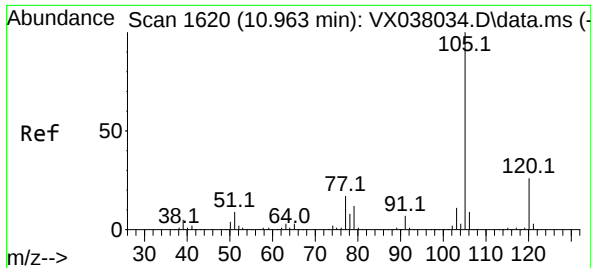


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



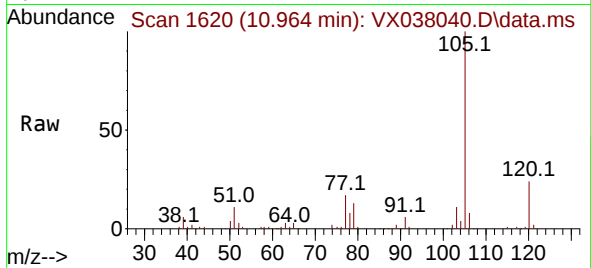
Tgt Ion:152 Resp: 117704
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 158.7 0.0 345.0





#73
Isopropylbenzene
Concen: 4.990 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

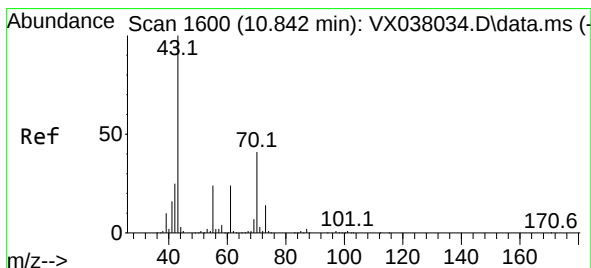
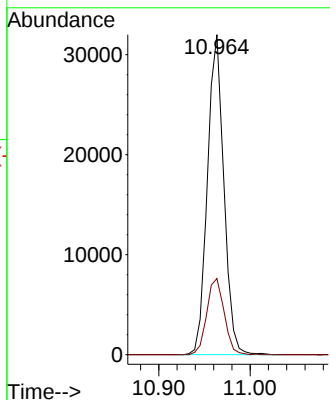
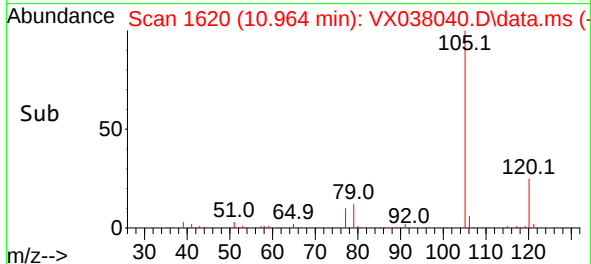
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



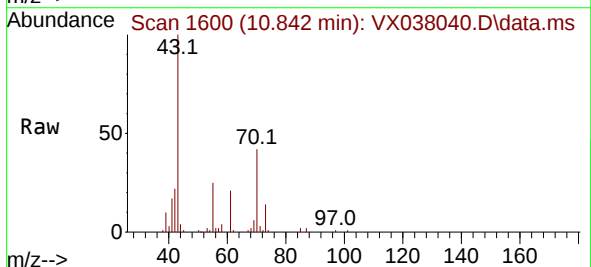
Tgt Ion:105 Resp: 39858
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

Manual Integrations
APPROVED

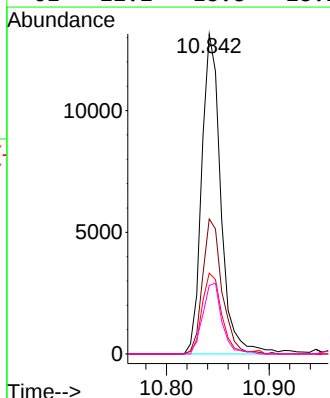
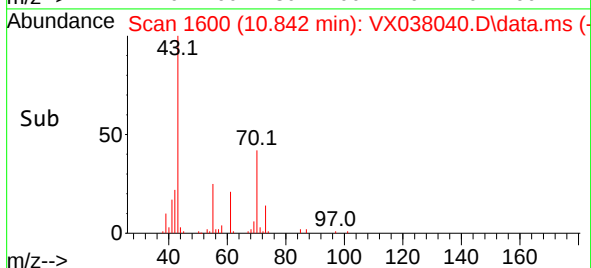
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

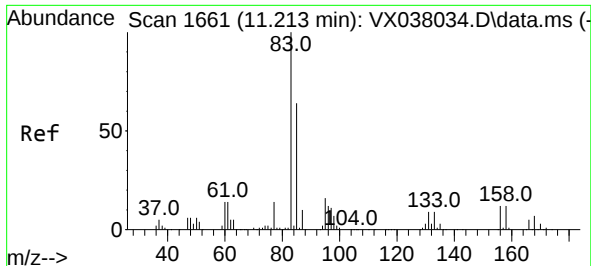


#74
N-ethyl acetate
Concen: 4.742 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



Tgt Ion: 43 Resp: 17047
Ion Ratio Lower Upper
43 100
70 42.9 32.9 49.3
55 26.1 19.3 28.9
61 22.2 18.8 28.2





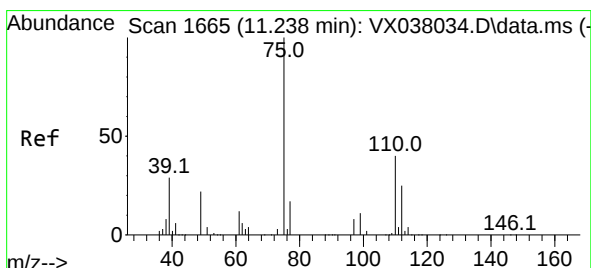
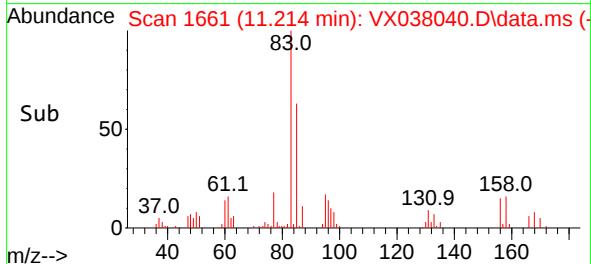
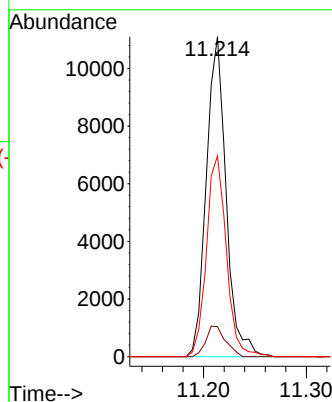
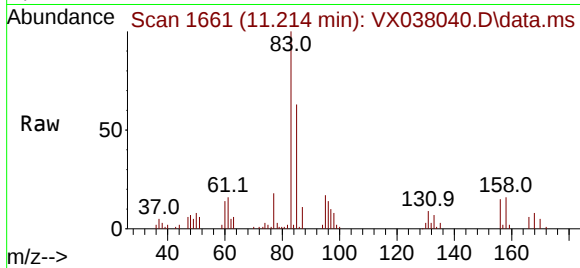
#75
1,1,2,2-Tetrachloroethane
Concen: 4.982 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1489
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 63.1 32.0 96.2

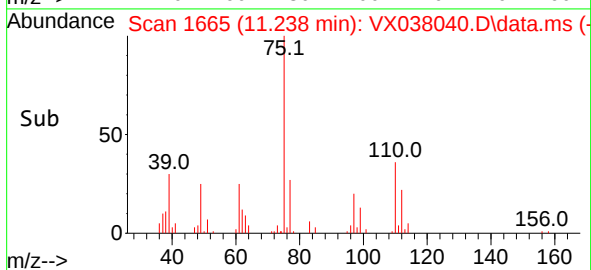
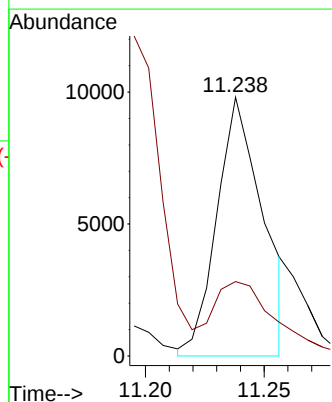
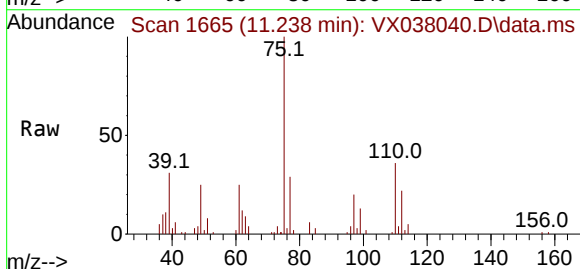
Manual Integrations
APPROVED

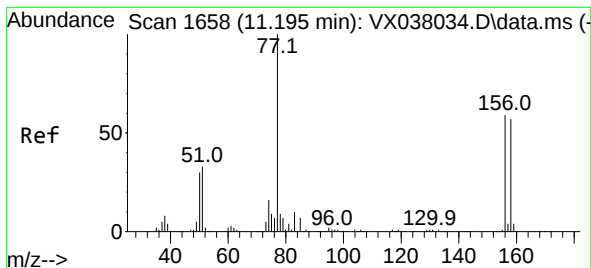
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#76
1,2,3-Trichloropropane
Concen: 4.548 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 75 Resp: 13123
Ion Ratio Lower Upper
75 100
77 39.8 19.1 57.5





#77

Bromobenzene

Concen: 4.895 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

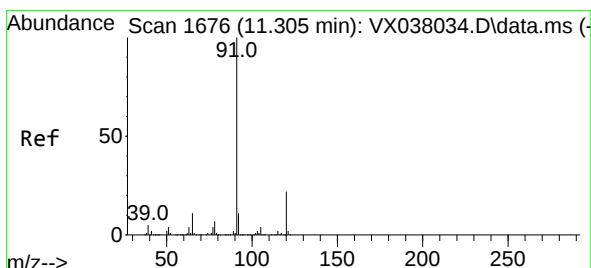
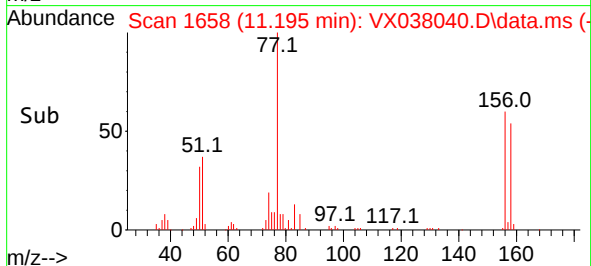
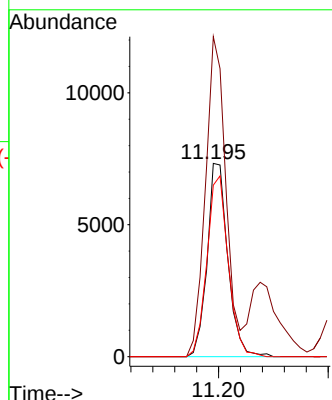
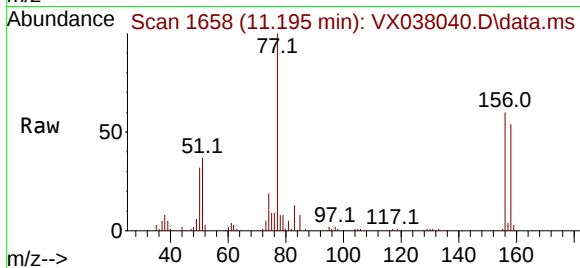
Tgt Ion:	156	Resp:	958
Ion Ratio	Lower	Upper	
156	100		
77	162.8	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#78

n-propylbenzene

Concen: 5.031 ug/l

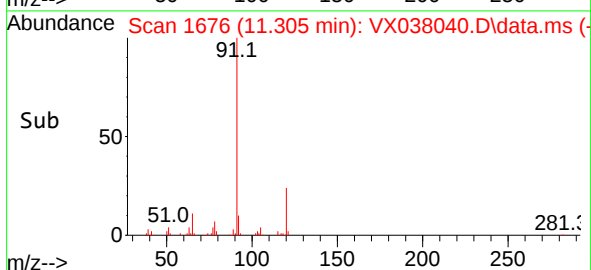
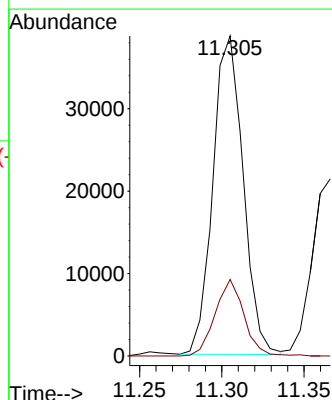
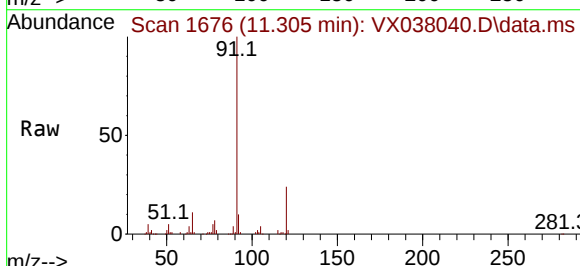
RT: 11.305 min Scan# 1676

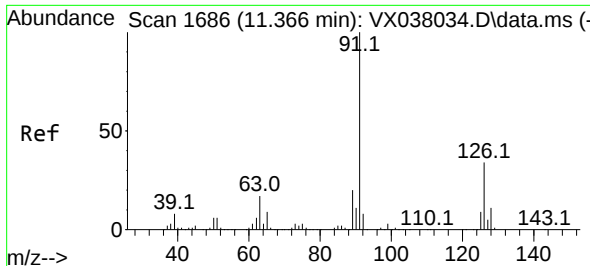
Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:	91	Resp:	49381
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





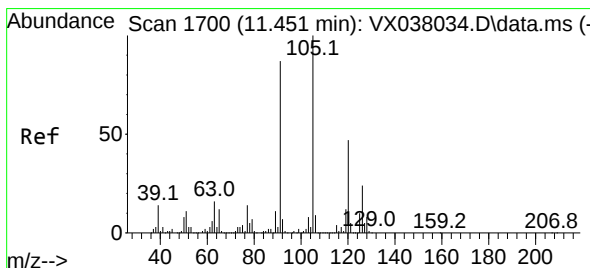
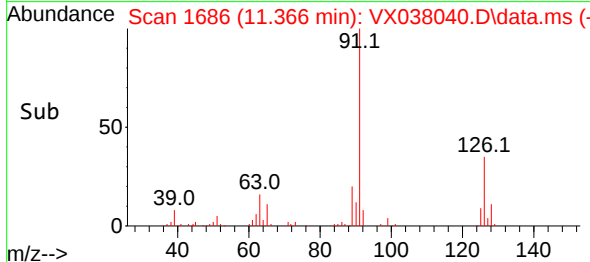
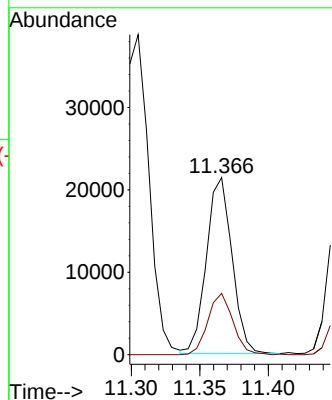
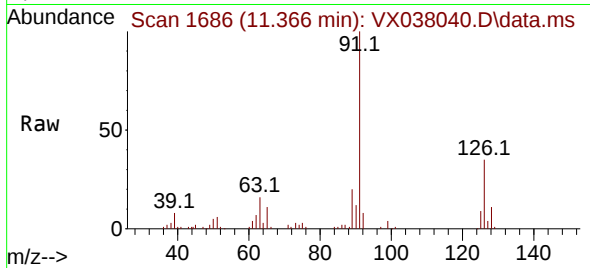
#79
2-Chlorotoluene
Concen: 4.878 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2780
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

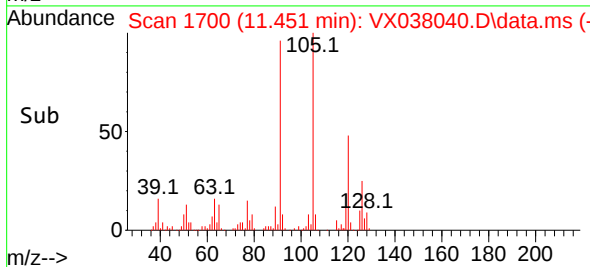
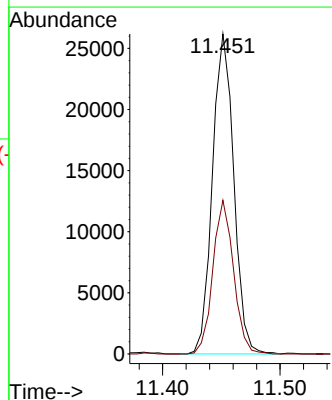
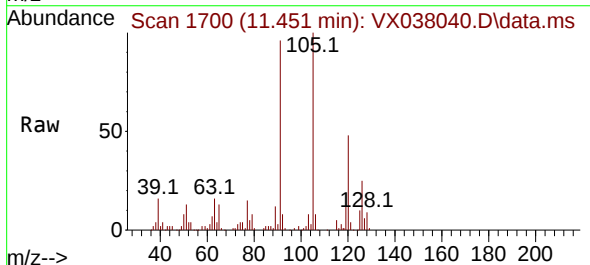
Manual Integrations
APPROVED

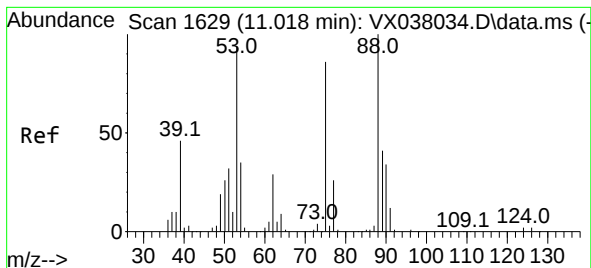
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.855 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion:105 Resp: 33005
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





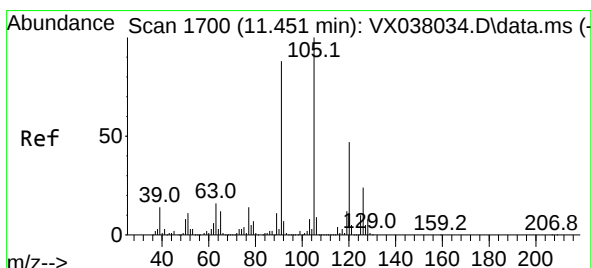
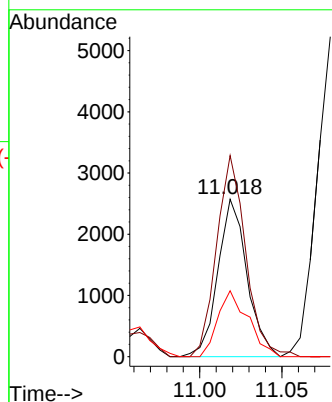
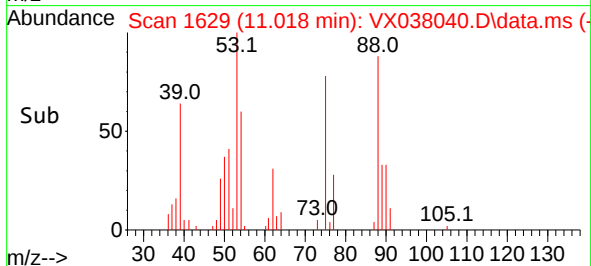
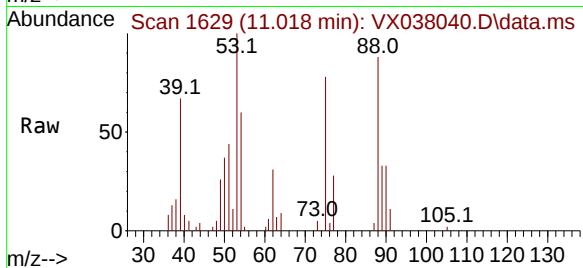
#81
trans-1,4-Dichloro-2-butene
Concen: 3.933 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3179
Ion Ratio Lower Upper
75 100
53 127.5 90.5 135.7
89 43.4 36.9 55.3

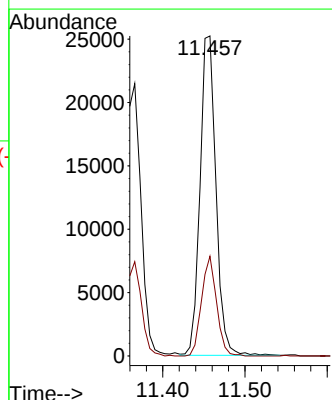
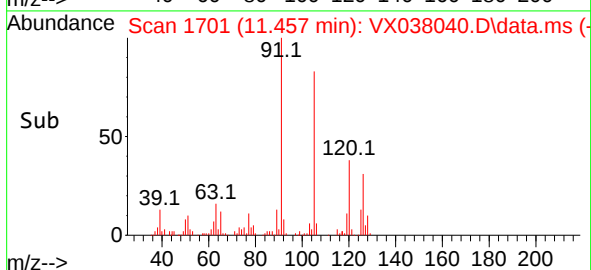
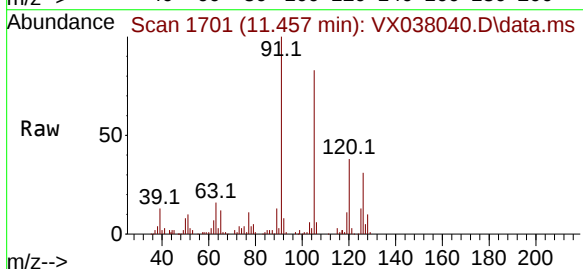
Manual Integrations
APPROVED

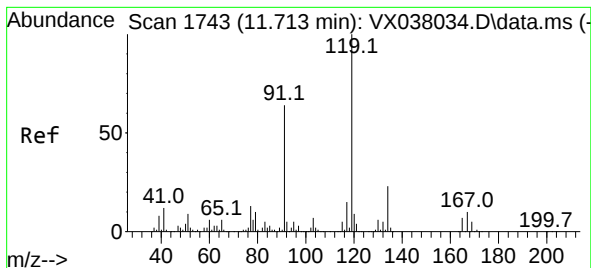
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#82
4-Chlorotoluene
Concen: 4.927 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion: 91 Resp: 33844
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.852 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

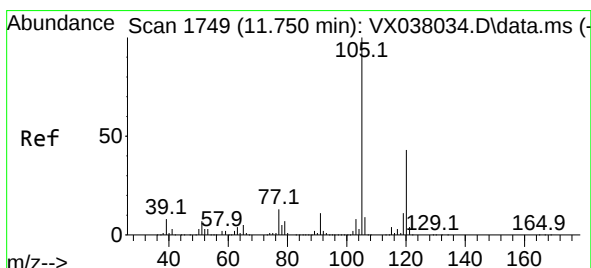
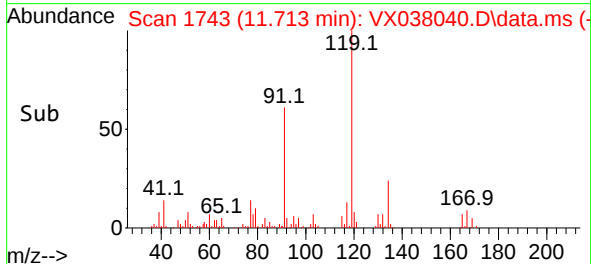
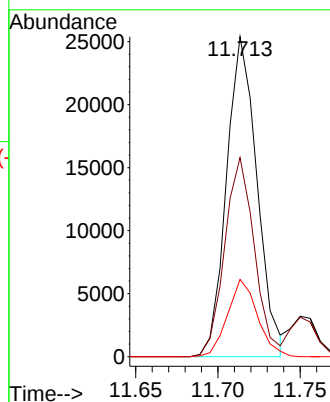
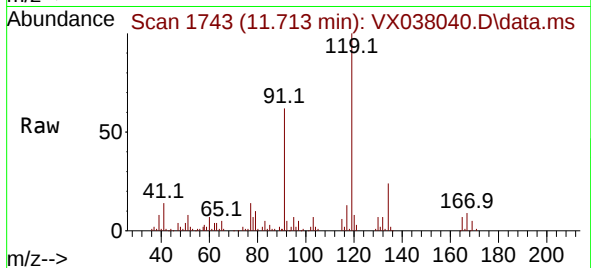
Tgt Ion:	119	Resp:	3279
Ion Ratio	Lower	Upper	
119	100		
91	60.8	31.2	93.6
134	23.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.900 ug/l

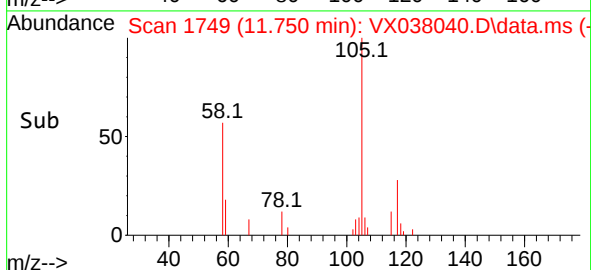
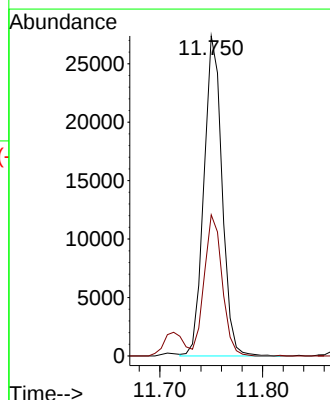
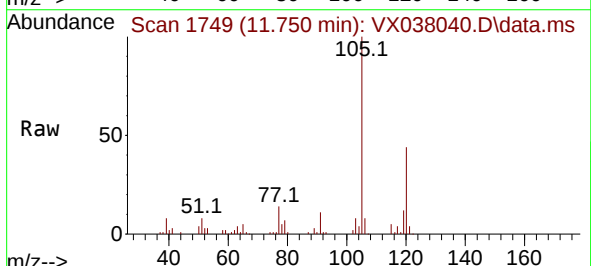
RT: 11.750 min Scan# 1749

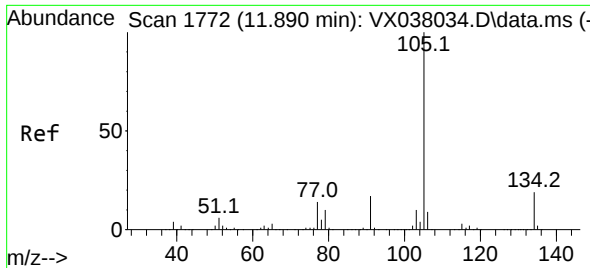
Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:	105	Resp:	33598
Ion Ratio	Lower	Upper	
105	100		
120	43.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.966 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

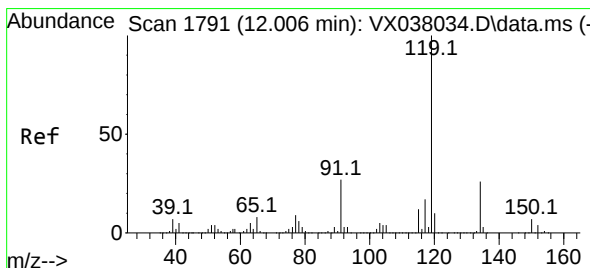
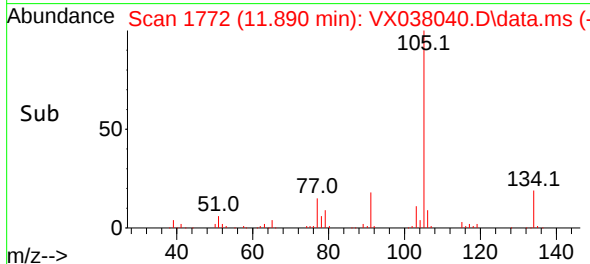
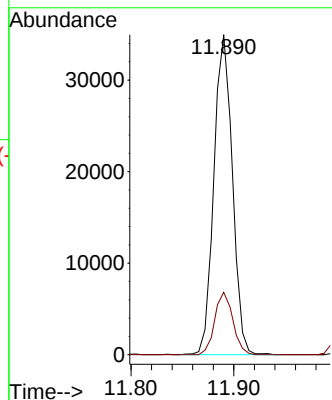
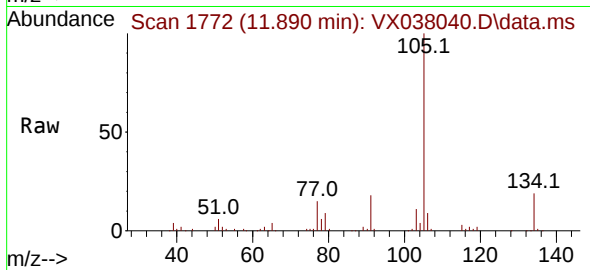
VSTDICC005

Tgt Ion:105 Resp: 43530
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

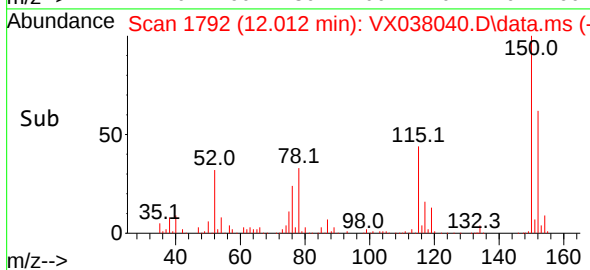
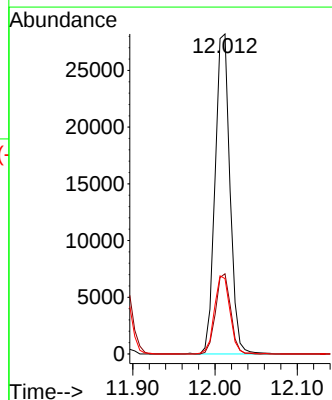
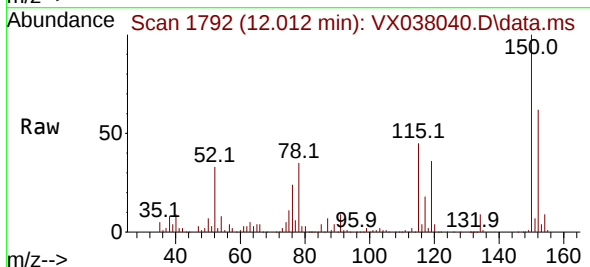
APPROVED

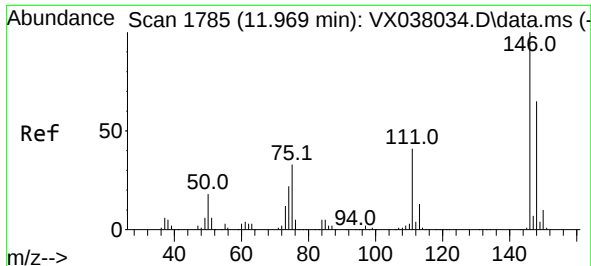
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#86
 p-Isopropyltoluene
 Concen: 4.940 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038040.D
 Acq: 03 Oct 2023 15:47

Tgt Ion:119 Resp: 35462
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.990 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 19594

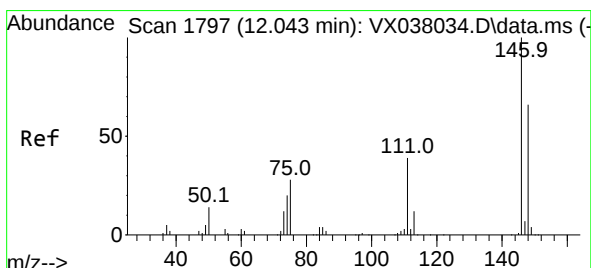
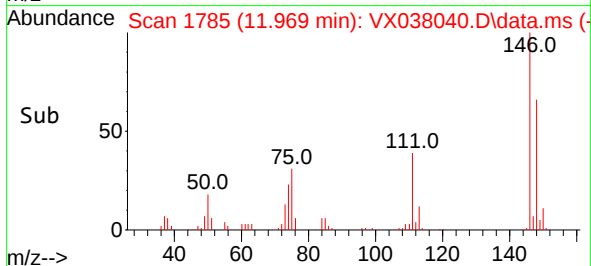
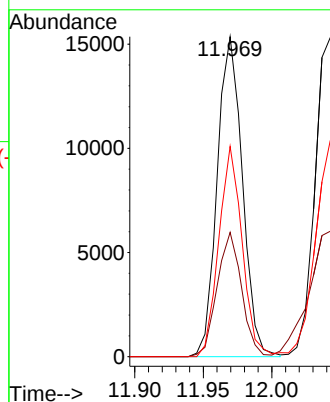
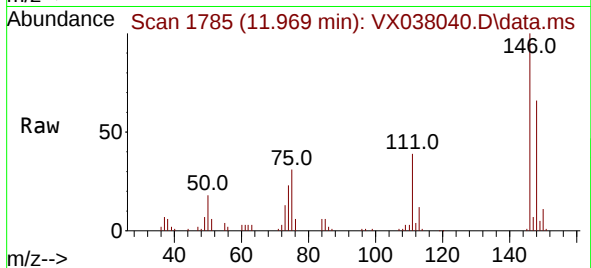
Ion	Ratio	Lower	Upper
146	100		
111	37.9	22.1	66.1
148	60.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#88

1,4-Dichlorobenzene

Concen: 5.013 ug/l

RT: 12.043 min Scan# 1797

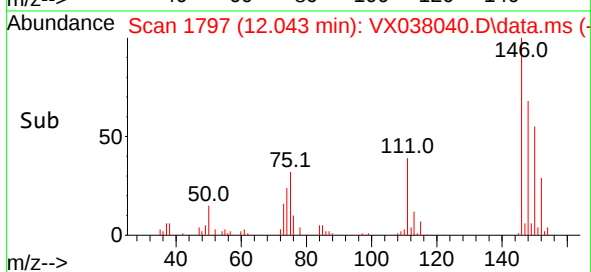
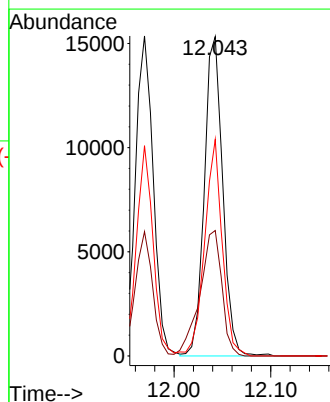
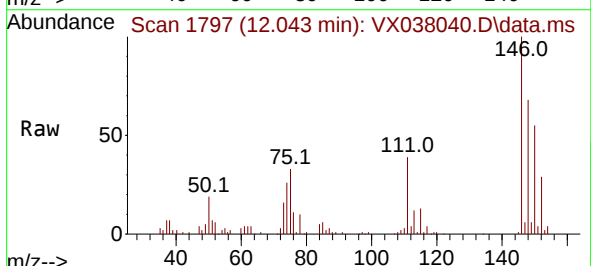
Delta R.T. 0.000 min

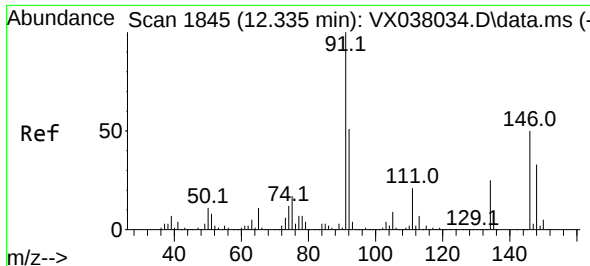
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:146 Resp: 20235

Ion	Ratio	Lower	Upper
146	100		
111	47.1	21.3	63.7
148	65.3	31.8	95.4





#89

n-Butylbenzene

Concen: 4.831 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3460

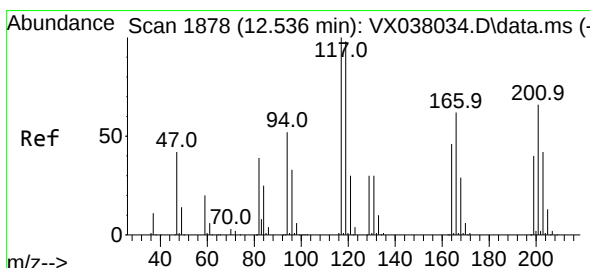
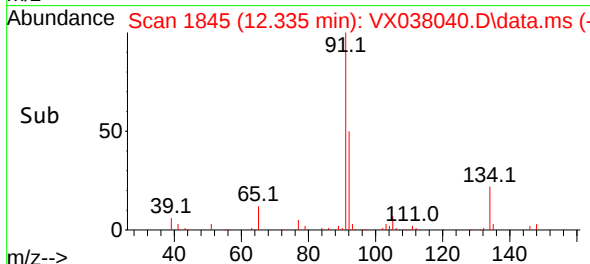
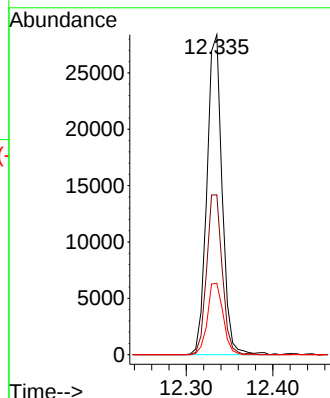
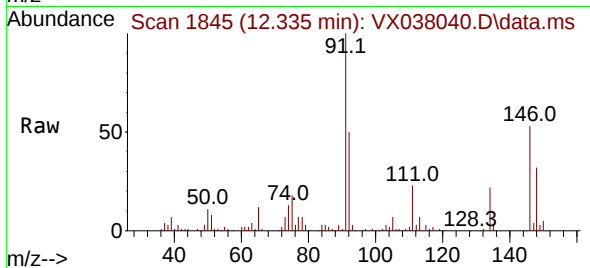
Ion	Ratio	Lower	Upper
91	100		
92	51.2	27.4	82.0
134	23.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#90

Hexachloroethane

Concen: 4.658 ug/l

RT: 12.536 min Scan# 1878

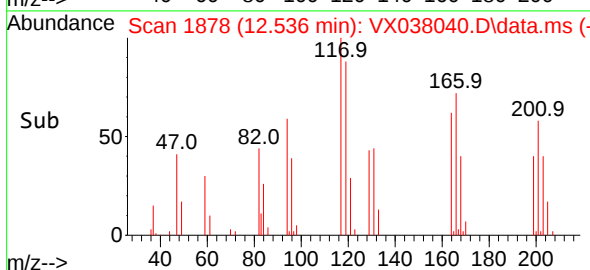
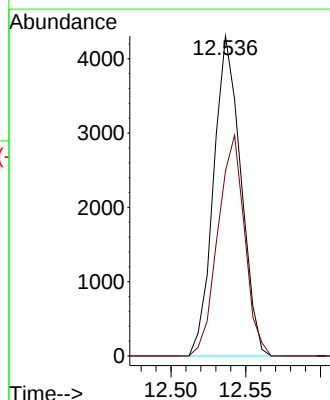
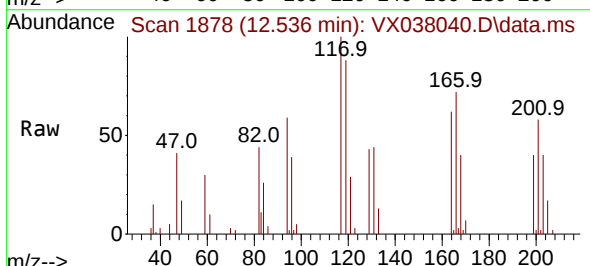
Delta R.T. 0.000 min

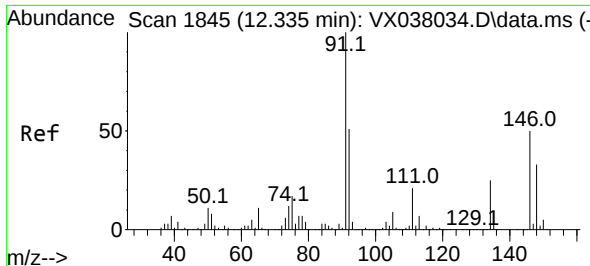
Lab File: VX038040.D

Acq: 03 Oct 2023 15:47

Tgt Ion:117 Resp: 5450

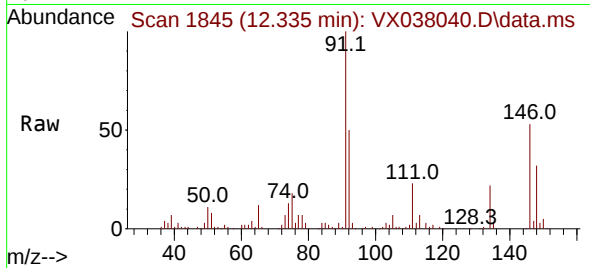
Ion	Ratio	Lower	Upper
117	100		
201	67.7	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 4.876 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

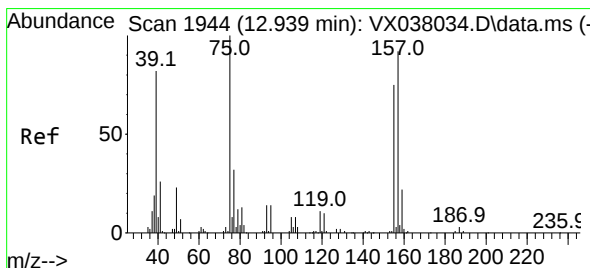
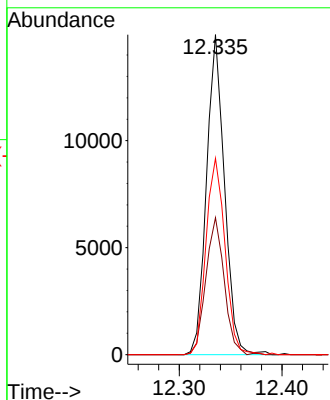
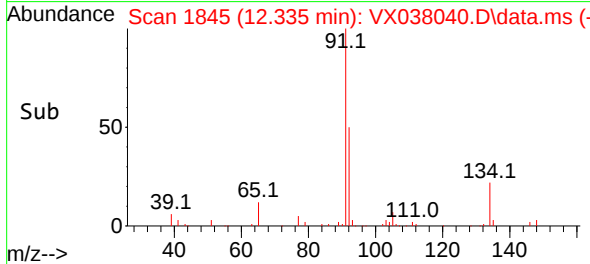
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



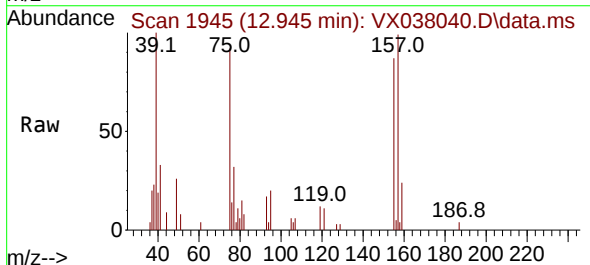
Tgt Ion:146 Resp: 18224
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 65.1 31.6 95.0

Manual Integrations
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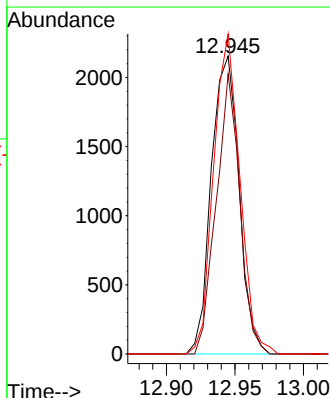
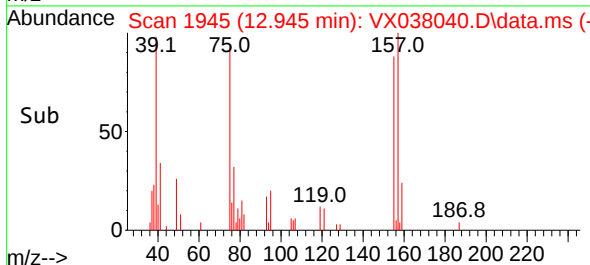
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

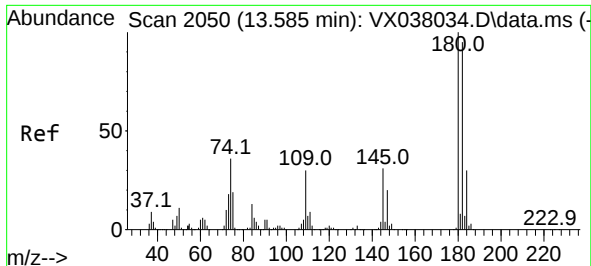


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.453 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



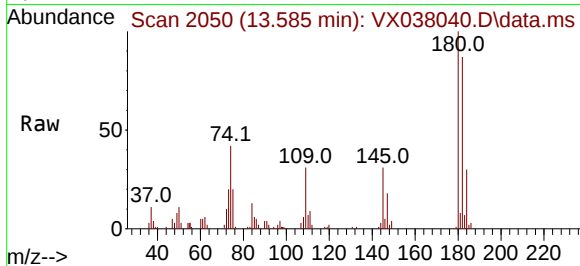
Tgt Ion: 75 Resp: 3030
Ion Ratio Lower Upper
75 100
155 80.2 36.1 108.5
157 101.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.804 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

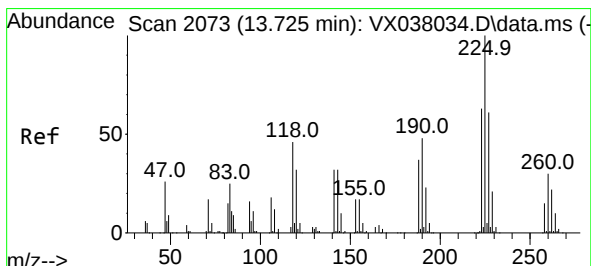
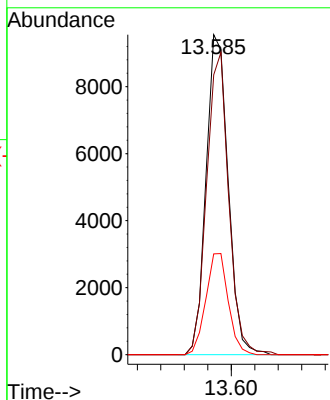
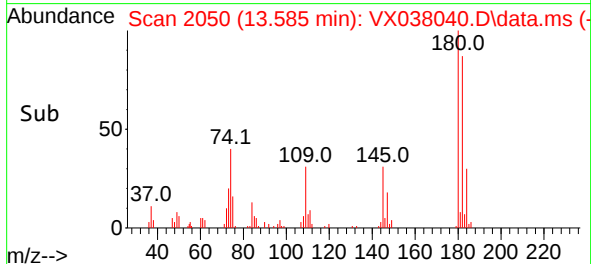
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



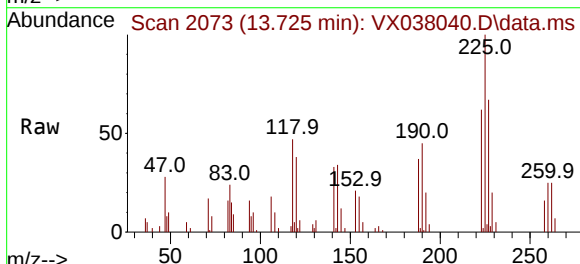
Tgt Ion:180 Resp: 12454
Ion Ratio Lower Upper
180 100
182 94.3 48.3 144.8
145 32.1 18.0 54.0

Manual Integrations
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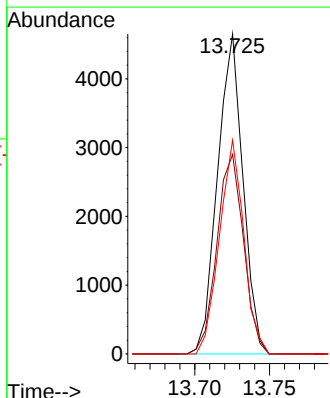
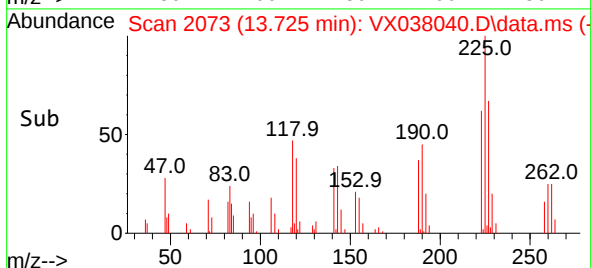
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

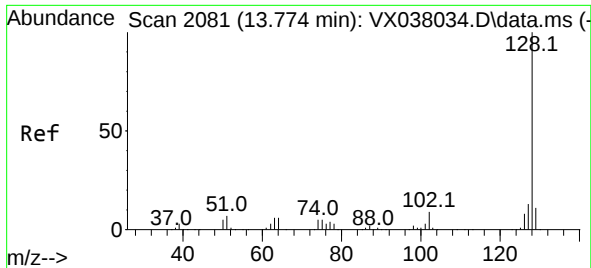


#94
Hexachlorobutadiene
Concen: 4.964 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47



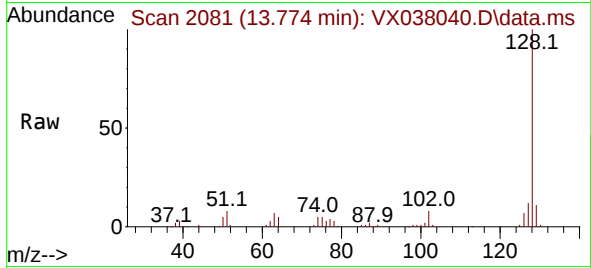
Tgt Ion:225 Resp: 5491
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.2
227 64.3 32.5 97.5





#95
Naphthalene
Concen: 4.716 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

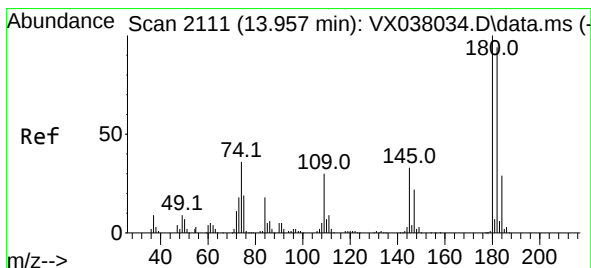
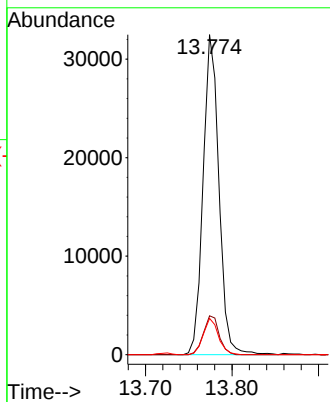
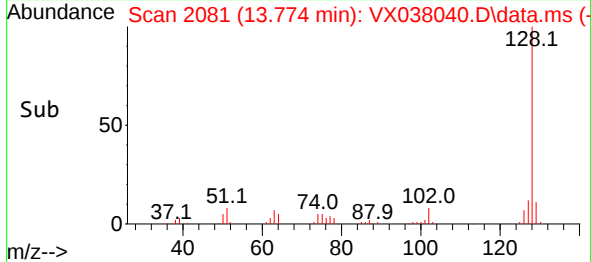
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 41212
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.826 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038040.D
Acq: 03 Oct 2023 15:47

Tgt Ion:180 Resp: 12099
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 34.3 17.8 53.5

