

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038038.D
 Acq On : 03 Oct 2023 14:53
 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 05:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 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	5.544	168	143384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13036	5.649	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.300%#		
35) Dibromofluoromethane	5.385	113	9536	5.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.100%#		
50) Toluene-d8	8.647	98	35453	5.359	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.720%#		
62) 4-Bromofluorobenzene	11.079	95	13350	5.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5846	3.965	ug/l	100
3) Chloromethane	1.294	50	10347	5.585	ug/l	96
4) Vinyl Chloride	1.374	62	8803	5.242	ug/l	96
5) Bromomethane	1.599	94	16460	7.157	ug/l	98
6) Chloroethane	1.678	64	7817	6.053	ug/l	99
7) Trichlorofluoromethane	1.886	101	15752	4.735	ug/l	99
8) Diethyl Ether	2.130	74	5940	4.876	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	7352	5.031	ug/l	98
10) Methyl Iodide	2.447	142	6643	3.981	ug/l	95
11) Tert butyl alcohol	2.959	59	14896	28.191	ug/l	98
12) 1,1-Dichloroethene	2.319	96	7030	5.101	ug/l	90
13) Acrolein	2.233	56	7815	26.129	ug/l	99
14) Allyl chloride	2.660	41	12232	4.983	ug/l	95
15) Acrylonitrile	3.062	53	25750	24.454	ug/l	98
16) Acetone	2.379	43	23609	24.325	ug/l #	87
17) Carbon Disulfide	2.507	76	20597	5.212	ug/l	97
18) Methyl Acetate	2.703	43	20732	4.880	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	25991	4.869	ug/l	97
20) Methylene Chloride	2.788	84	10087	4.923	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	8307	5.002	ug/l	95
22) Diisopropyl ether	3.757	45	24866	4.864	ug/l #	97
23) Vinyl Acetate	3.715	43	88703	24.031	ug/l	97
24) 1,1-Dichloroethane	3.605	63	14835	4.815	ug/l	98
25) 2-Butanone	4.556	43	37970	24.495	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	12109	4.970	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	9902	5.137	ug/l	90
28) Bromochloromethane	4.885	49	7233	5.006	ug/l #	95
29) Tetrahydrofuran	5.001	42	23773	23.594	ug/l	90
30) Chloroform	5.092	83	16450	4.871	ug/l	99
31) Cyclohexane	5.458	56	13451	5.144	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	13521	4.748	ug/l	99
36) 1,1-Dichloropropene	5.690	75	12585	5.137	ug/l	100
37) Ethyl Acetate	4.714	43	14210	5.121	ug/l #	96
38) Carbon Tetrachloride	5.672	117	11328	4.677	ug/l	98
39) Methylcyclohexane	7.379	83	14777	5.069	ug/l	93
40) Benzene	6.037	78	35326	5.098	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038038.D
 Acq On : 03 Oct 2023 14:53
 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 05:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 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	4.928	41	7063	5.030	ug/l	93
42) 1,2-Dichloroethane	6.086	62	12948	4.774	ug/l	99
43) Isopropyl Acetate	6.336	43	20841	4.813	ug/l	97
44) Trichloroethene	7.123	130	9340	5.000	ug/l	96
45) 1,2-Dichloropropane	7.427	63	8783	4.975	ug/l	99
46) Dibromomethane	7.580	93	6596	4.814	ug/l	95
47) Bromodichloromethane	7.818	83	11369	4.707	ug/l	99
48) Methyl methacrylate	7.696	41	10021	4.826	ug/l	88
49) 1,4-Dioxane	7.659	88	4761	103.718	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	74242	25.121	ug/l	100
52) Toluene	8.720	92	22137	4.903	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	12173	4.666	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	12509	4.570	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	9157	5.010	ug/l	94
56) Ethyl methacrylate	9.116	69	13007	4.626	ug/l	97
57) 1,3-Dichloropropane	9.305	76	15072	4.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	36057	26.523	ug/l	97
59) 2-Hexanone	9.427	43	59777	25.257	ug/l	99
60) Dibromochloromethane	9.518	129	7980	4.375	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9725	4.867	ug/l	99
64) Tetrachloroethene	9.275	164	7635	4.972	ug/l	90
65) Chlorobenzene	10.079	112	24577	5.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	8101	4.903	ug/l	96
67) Ethyl Benzene	10.195	91	43522	5.002	ug/l	99
68) m/p-Xylenes	10.299	106	33390	9.970	ug/l	98
69) o-Xylene	10.640	106	16206	5.071	ug/l	97
70) Styrene	10.652	104	25523	4.810	ug/l	99
71) Bromoform	10.799	173	5470	4.223	ug/l #	96
73) Isopropylbenzene	10.963	105	41615	4.966	ug/l	99
74) N-amyl acetate	10.841	43	18663	4.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	15609	5.016	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14090m	5.178	ug/l	
77) Bromobenzene	11.195	156	10503	5.122	ug/l	94
78) n-propylbenzene	11.305	91	52295	5.091	ug/l	99
79) 2-Chlorotoluene	11.366	91	29297	4.908	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	36006	5.021	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	3686	4.047	ug/l	92
82) 4-Chlorotoluene	11.451	91	35479	4.928	ug/l	98
83) tert-Butylbenzene	11.713	119	33904	4.747	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	36230	5.021	ug/l	99
85) sec-Butylbenzene	11.890	105	45632	4.957	ug/l	99
86) p-Isopropyltoluene	12.006	119	37363	4.939	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	20834	5.071	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	21701	5.170	ug/l	94
89) n-Butylbenzene	12.329	91	37837	4.991	ug/l	96
90) Hexachloroethane	12.536	117	5599	4.400	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	20142	5.135	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3413	4.651	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	14102	5.193	ug/l	97
94) Hexachlorobutadiene	13.725	225	6057	5.226	ug/l	97
95) Naphthalene	13.774	128	44396	4.825	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13040	4.966	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038038.D
Acq On : 03 Oct 2023 14:53
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

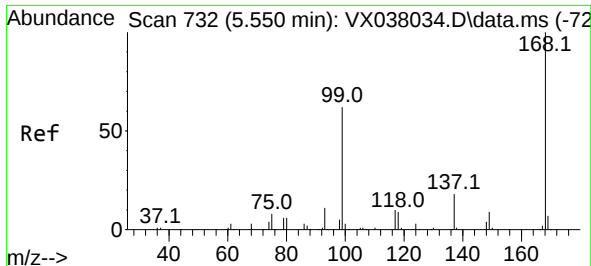
Manual Integrations
APPROVED

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

Quant Time: Oct 04 05:39:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 05:22:53 2023
Response via : Initial Calibration

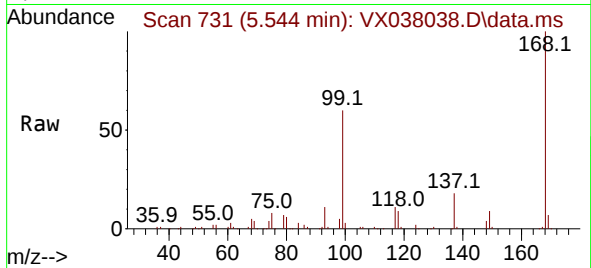
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

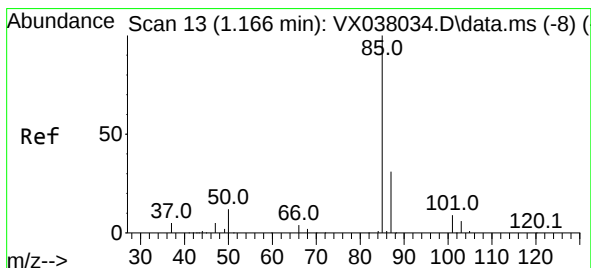
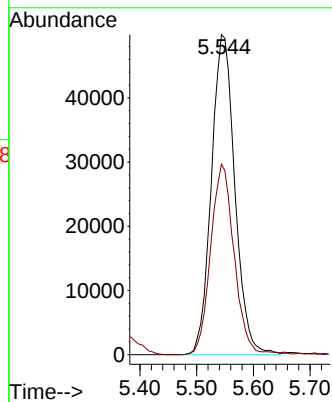
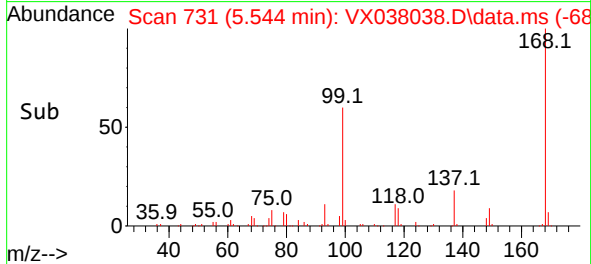
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 143384
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0

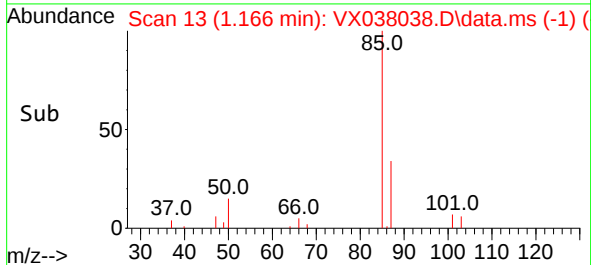
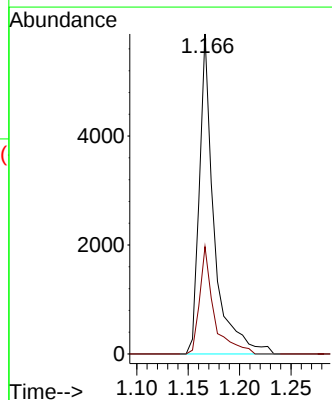
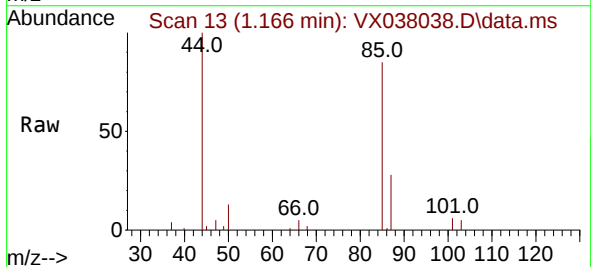
Manual Integrations
APPROVED

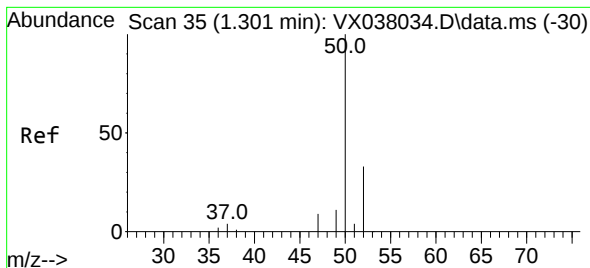
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#2
Dichlorodifluoromethane
Concen: 3.965 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 85 Resp: 5846
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





#3

Chloromethane

Concen: 5.585 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 1034

Ion Ratio Lower Upper

50 100

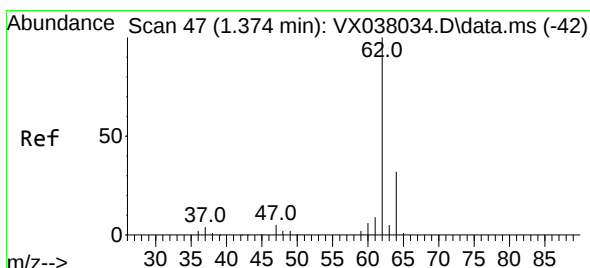
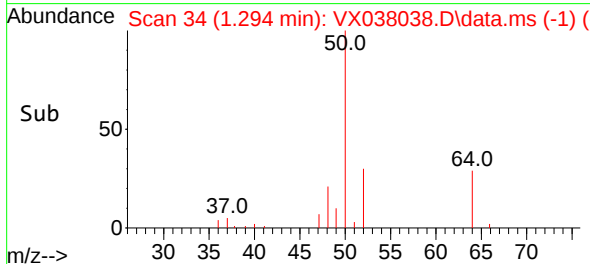
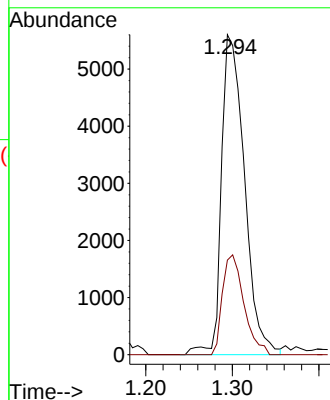
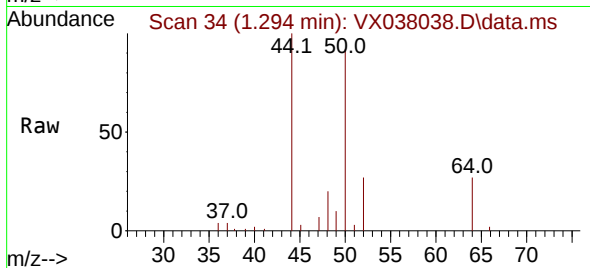
52 29.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#4

Vinyl Chloride

Concen: 5.242 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038038.D

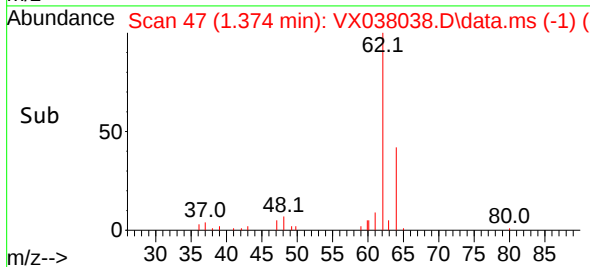
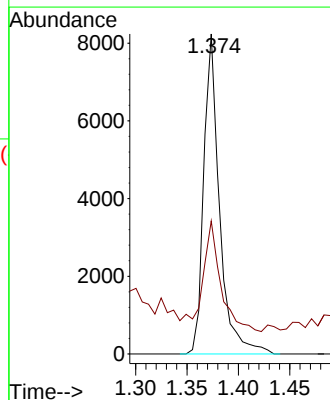
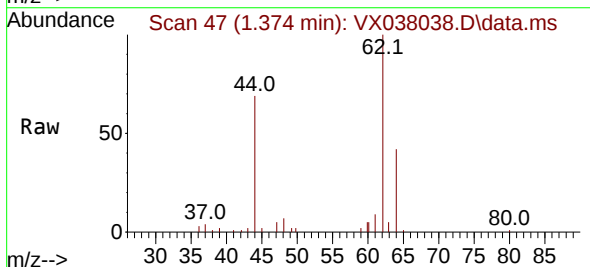
Acq: 03 Oct 2023 14:53

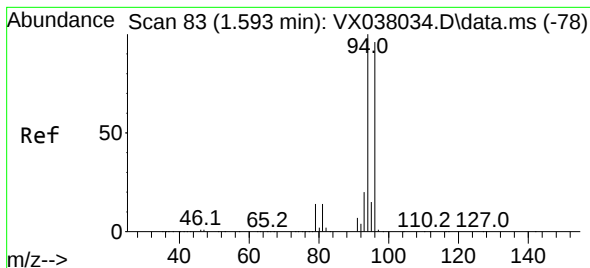
Tgt Ion: 62 Resp: 8803

Ion Ratio Lower Upper

62 100

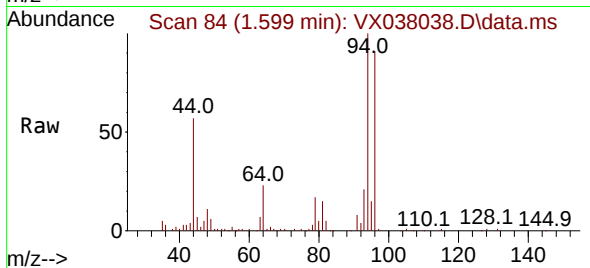
64 34.0 25.4 38.0





#5
Bromomethane
Concen: 7.157 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

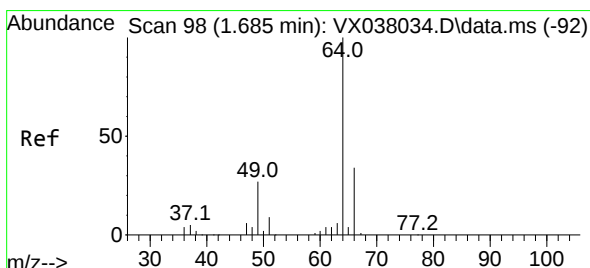
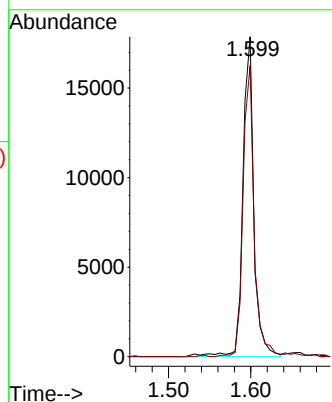
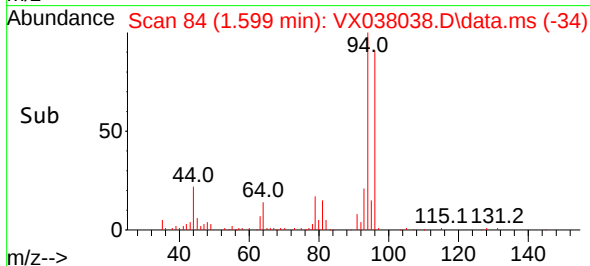
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 16460
Ion Ratio Lower Upper
94 100
96 91.0 74.6 111.8

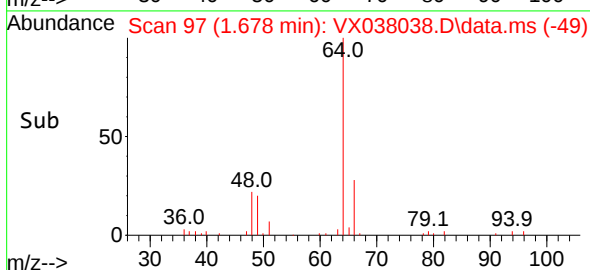
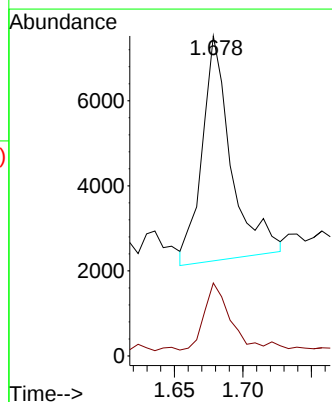
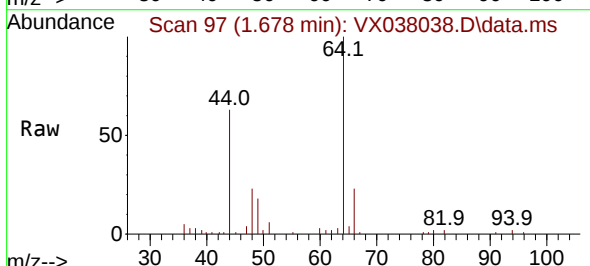
Manual Integrations
APPROVED

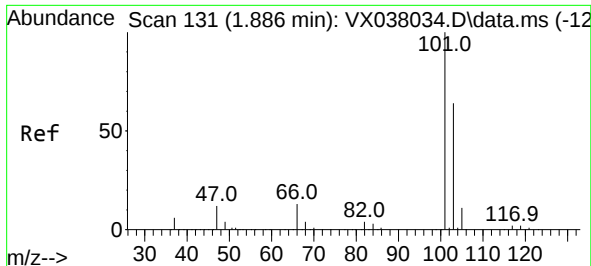
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#6
Chloroethane
Concen: 6.053 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

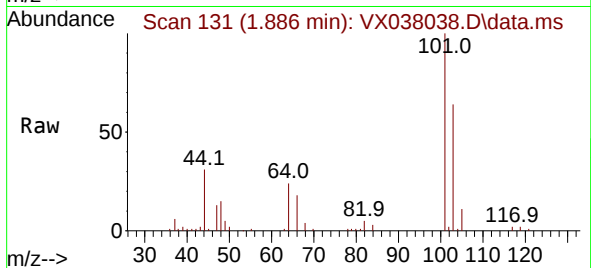
Tgt Ion: 64 Resp: 7817
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 4.735 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

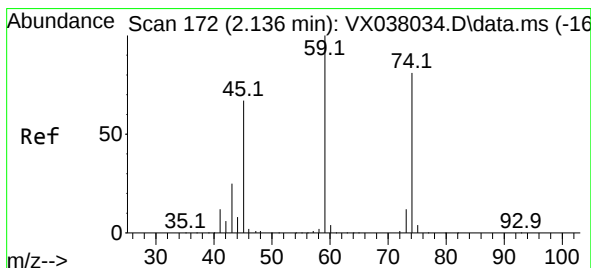
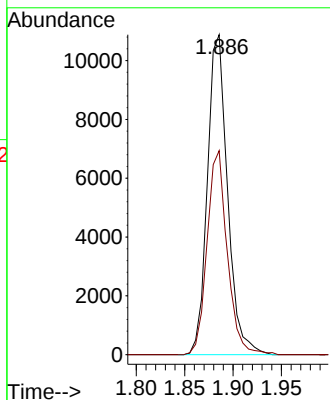
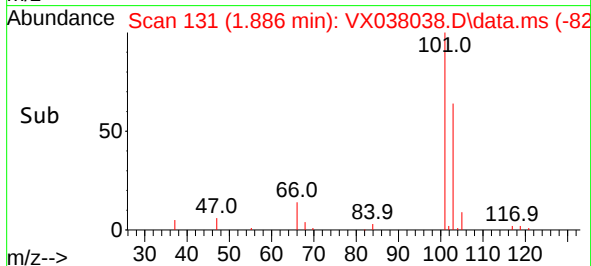
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1575
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

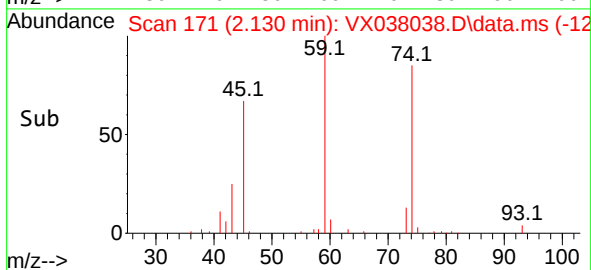
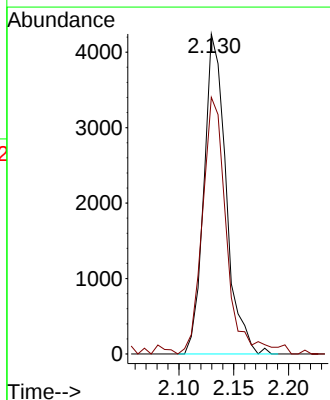
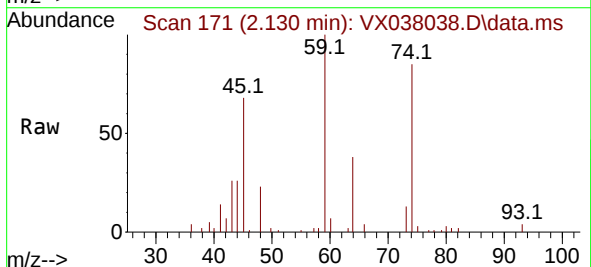
Manual Integrations
APPROVED

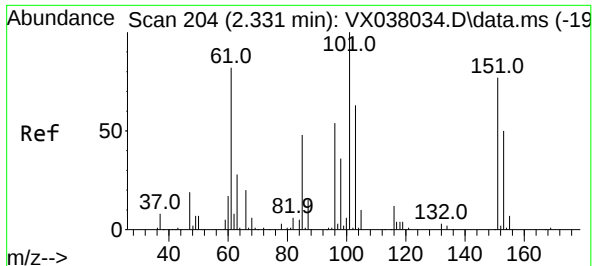
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#8
Diethyl Ether
Concen: 4.876 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 74 Resp: 5940
Ion Ratio Lower Upper
74 100
45 87.1 53.3 159.8





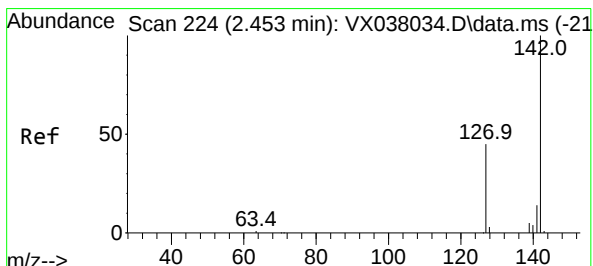
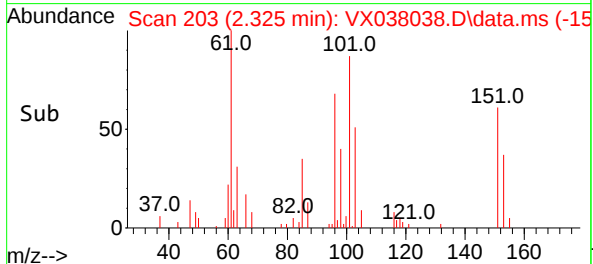
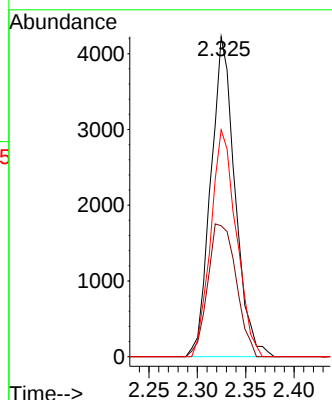
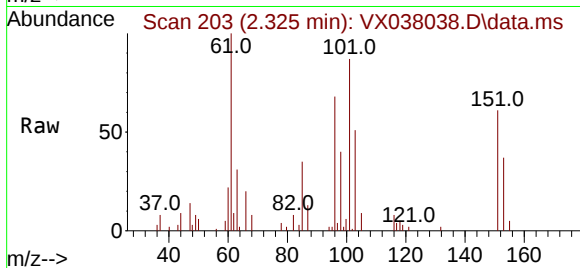
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.031 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7352
Ion Ratio Lower Upper
101 100
85 48.6 37.0 55.6
151 74.4 58.6 87.8

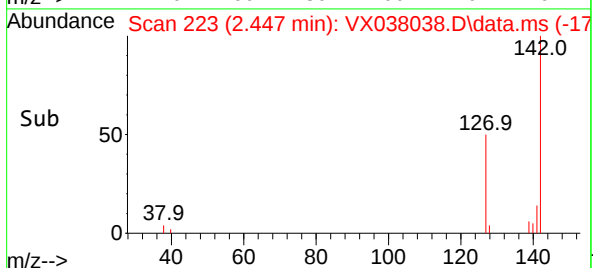
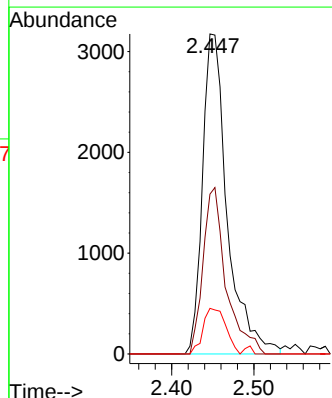
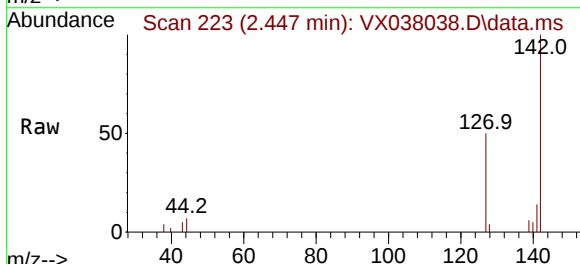
Manual Integrations
APPROVED

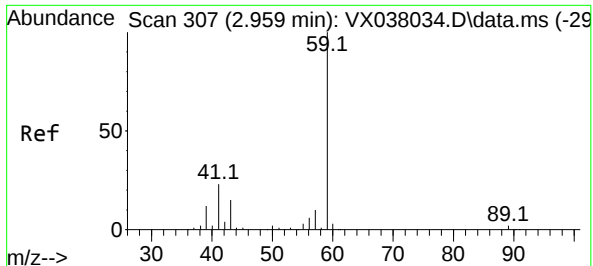
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#10
Methyl Iodide
Concen: 3.981 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion:142 Resp: 6643
Ion Ratio Lower Upper
142 100
127 48.3 41.6 62.4
141 13.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 28.191 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 14890

Ion Ratio Lower Upper

59 100

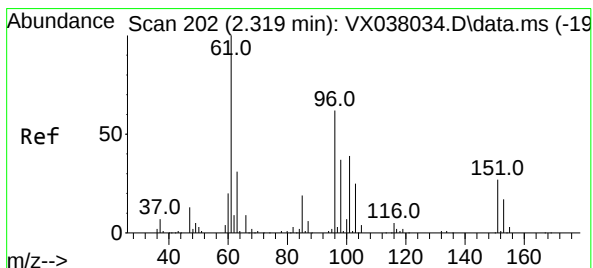
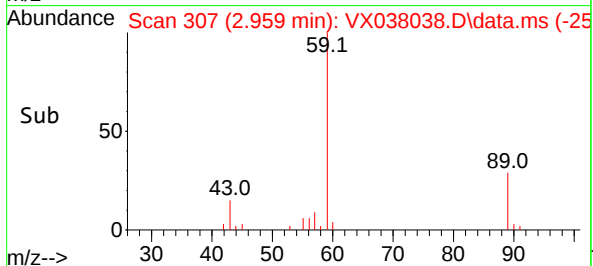
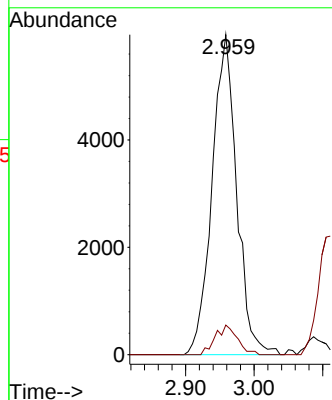
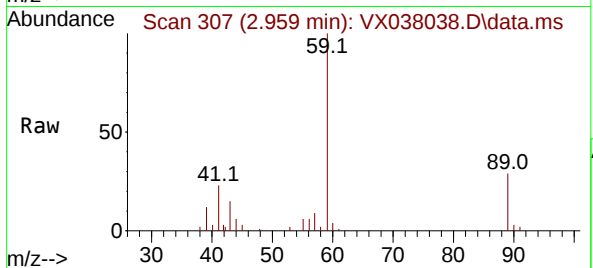
57 8.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#12

1,1-Dichloroethene

Concen: 5.101 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

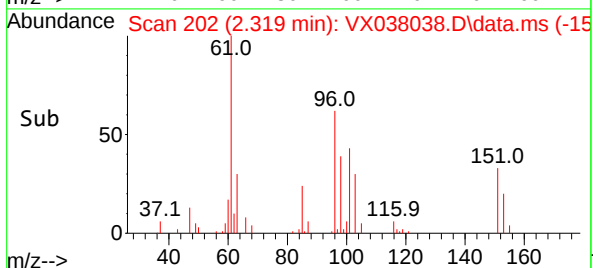
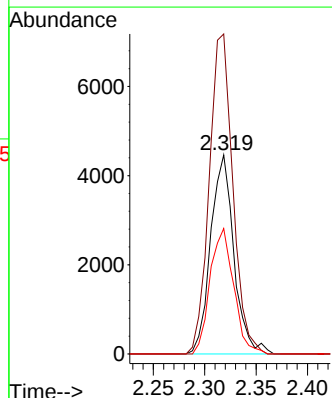
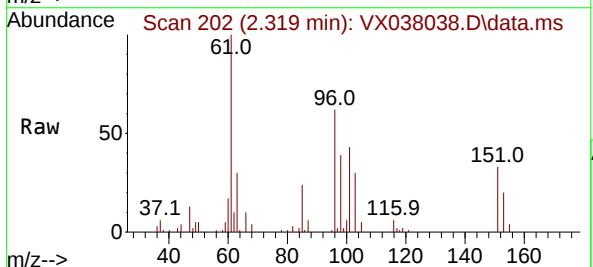
Tgt Ion: 96 Resp: 7030

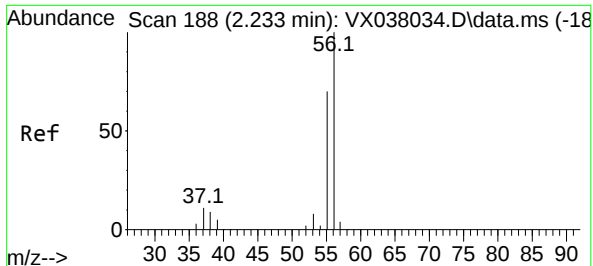
Ion Ratio Lower Upper

96 100

61 160.8 144.6 216.8

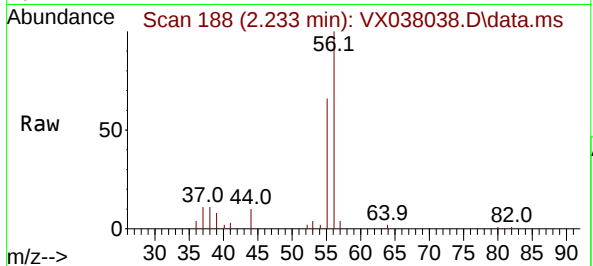
98 63.0 50.4 75.6





#13
Acrolein
Concen: 26.129 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

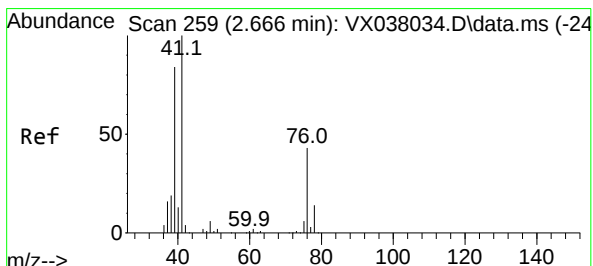
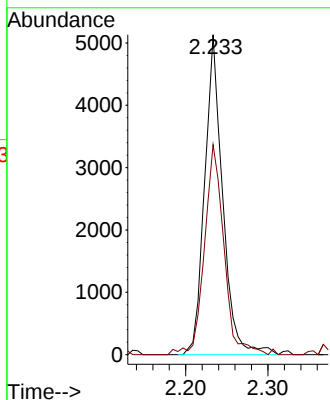
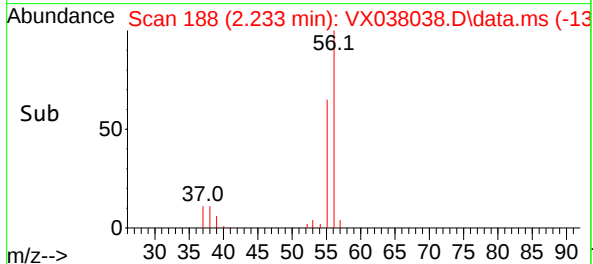
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 781
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

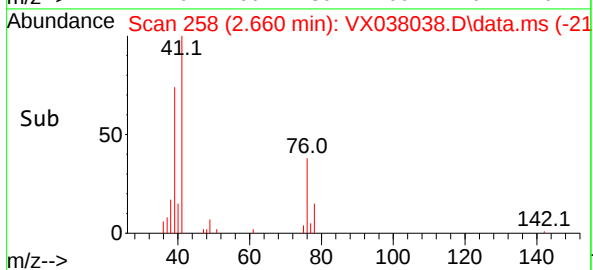
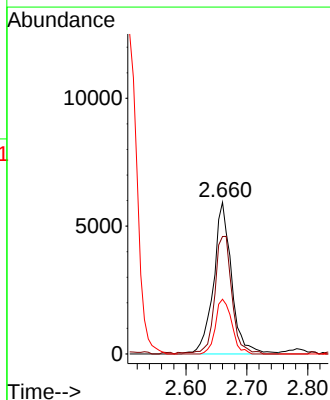
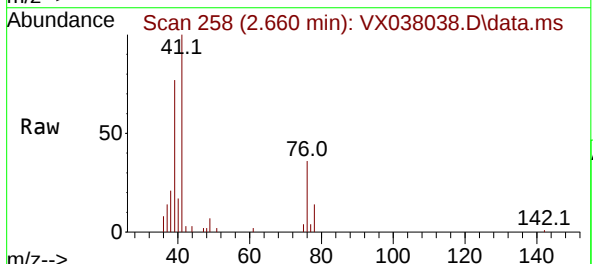
Manual Integrations
APPROVED

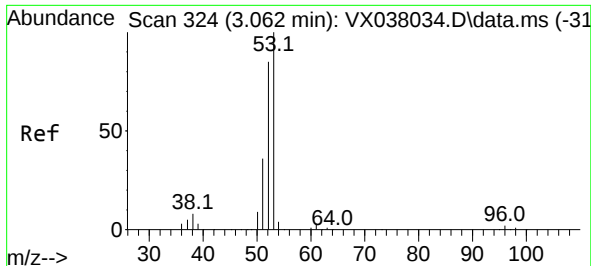
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#14
Allyl chloride
Concen: 4.983 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

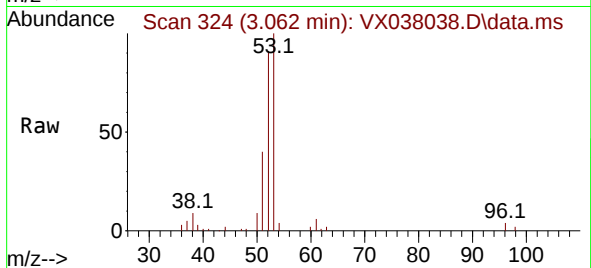
Tgt Ion: 41 Resp: 12232
Ion Ratio Lower Upper
41 100
39 73.9 55.8 83.6
76 32.4 24.3 36.5





#15
Acrylonitrile
Concen: 24.454 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

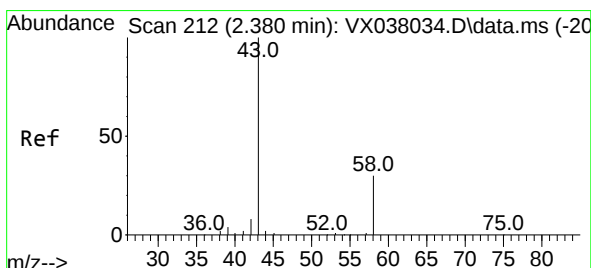
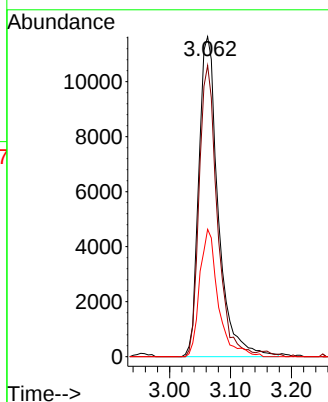
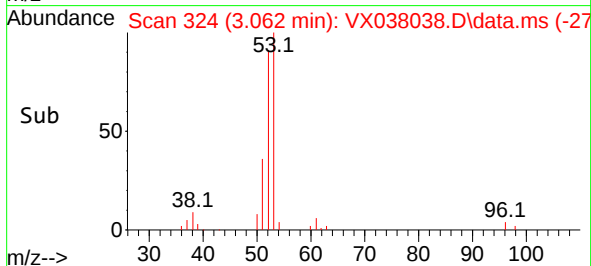
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 25750
Ion Ratio Lower Upper
53 100
52 85.1 66.0 99.0
51 37.9 29.8 44.6

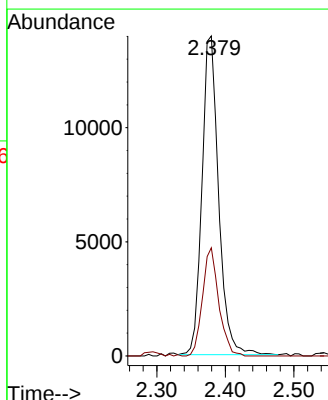
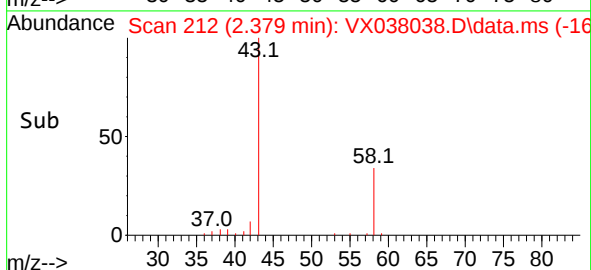
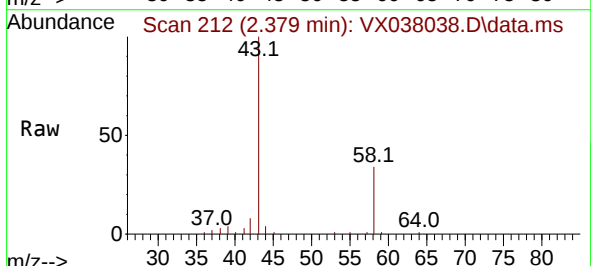
Manual Integrations
APPROVED

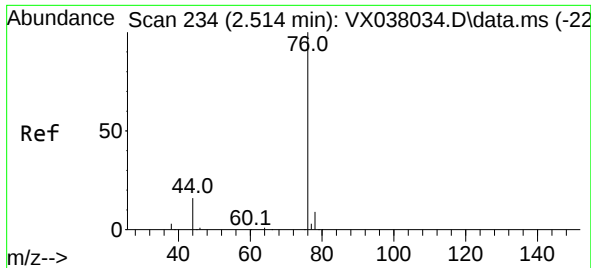
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#16
Acetone
Concen: 24.325 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 43 Resp: 23609
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#





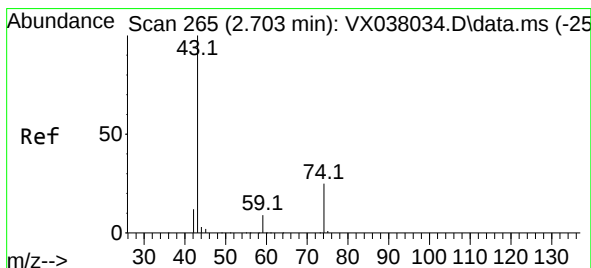
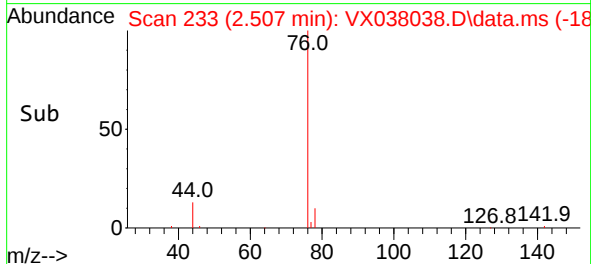
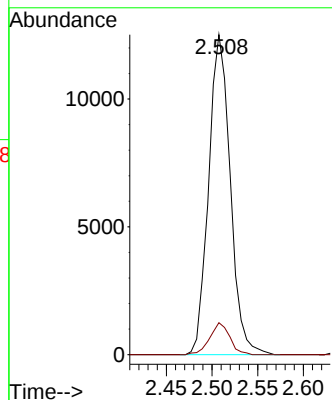
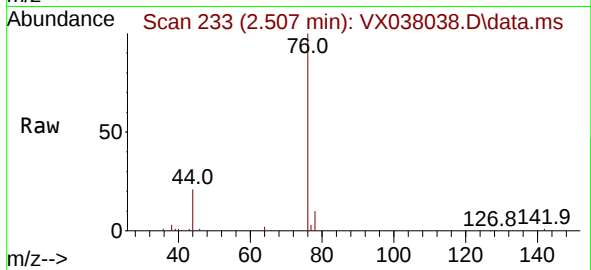
#17
Carbon Disulfide
Concen: 5.212 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2059
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

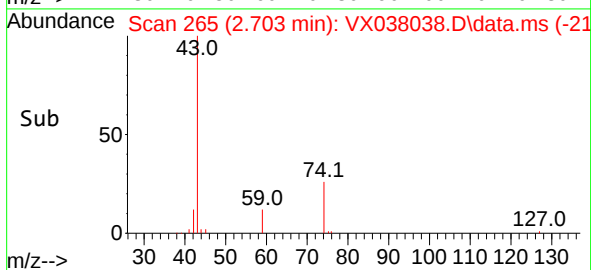
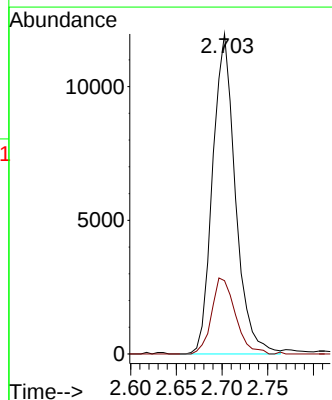
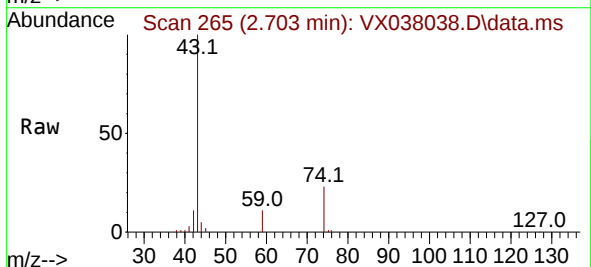
Manual Integrations
APPROVED

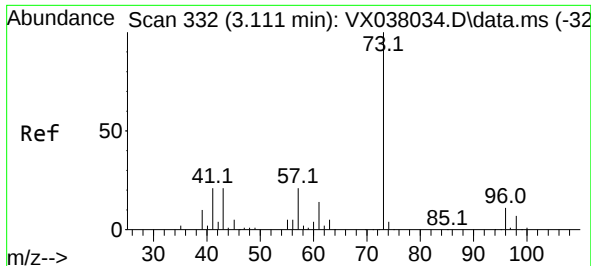
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#18
Methyl Acetate
Concen: 4.880 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 43 Resp: 20732
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





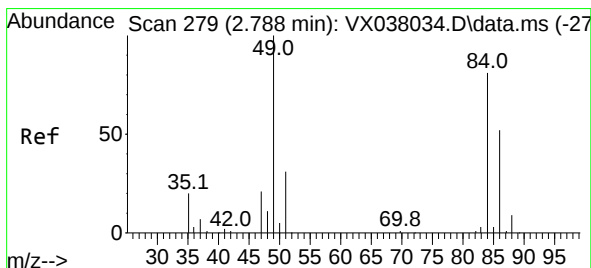
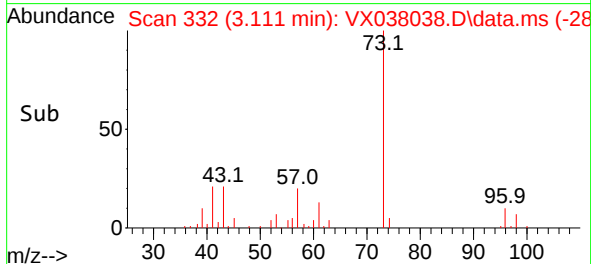
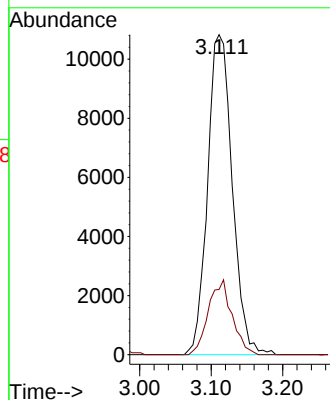
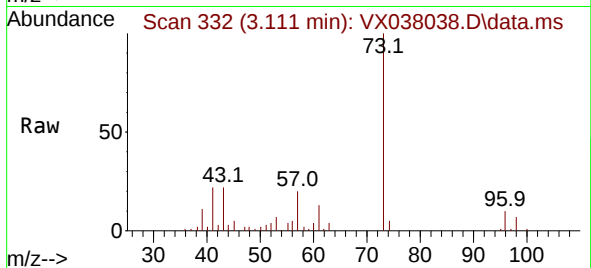
#19
Methyl tert-butyl Ether
Concen: 4.869 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 2599
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

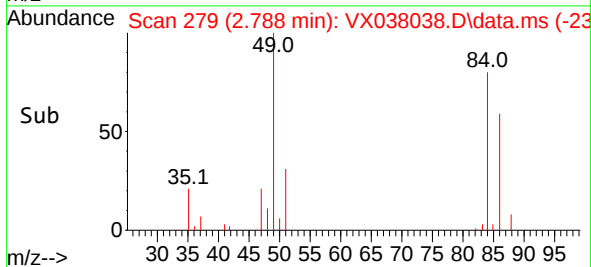
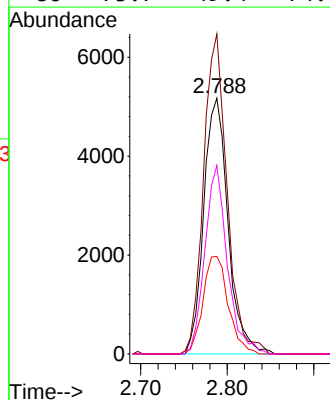
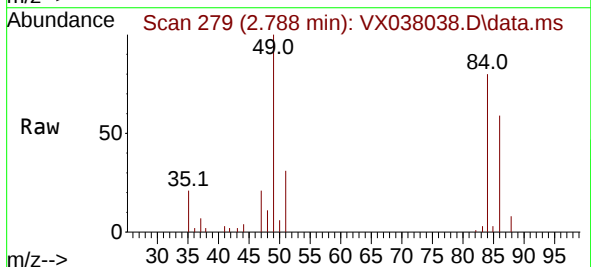
Manual Integrations
APPROVED

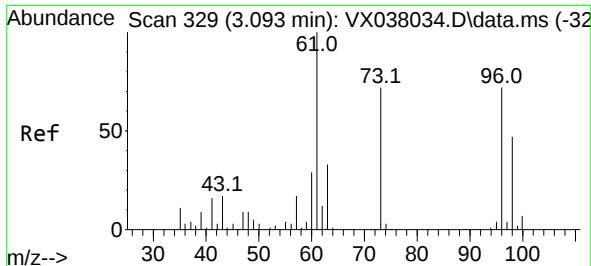
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#20
Methylene Chloride
Concen: 4.923 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

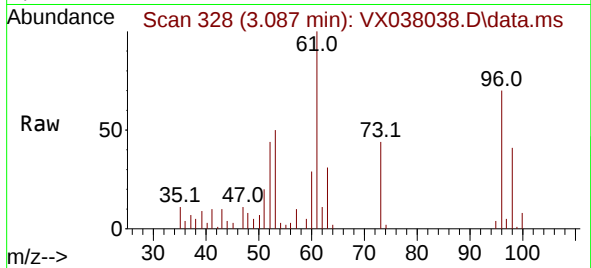
Tgt Ion: 84 Resp: 10087
Ion Ratio Lower Upper
84 100
49 125.2 103.6 155.4
51 38.2 33.8 50.6
86 73.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.002 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

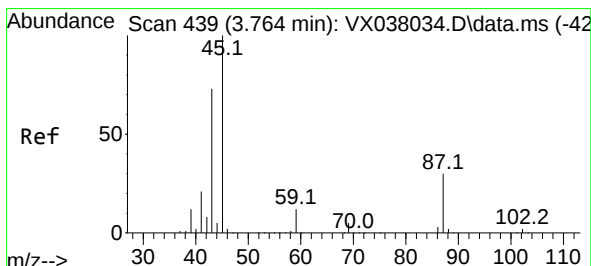
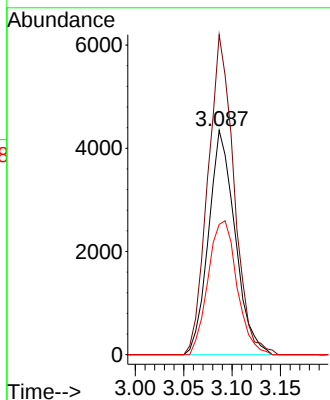
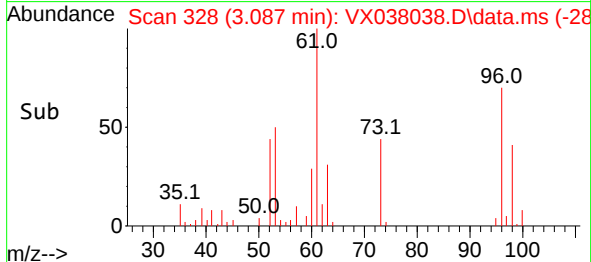
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



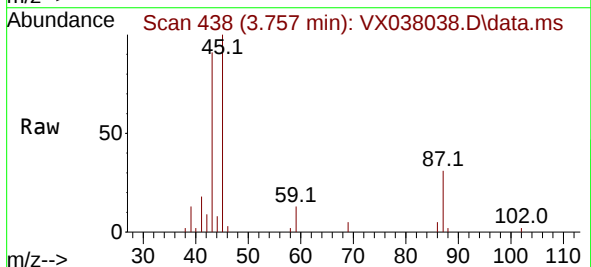
Tgt Ion: 96 Resp: 830
Ion Ratio Lower Upper
96 100
61 142.7 119.2 178.8
98 58.1 48.7 73.1

Manual Integrations
APPROVED

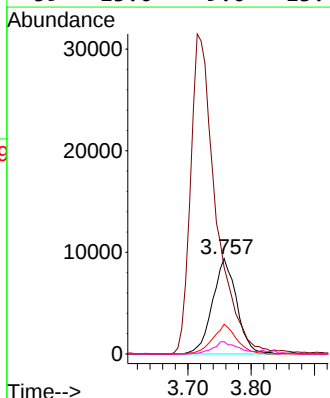
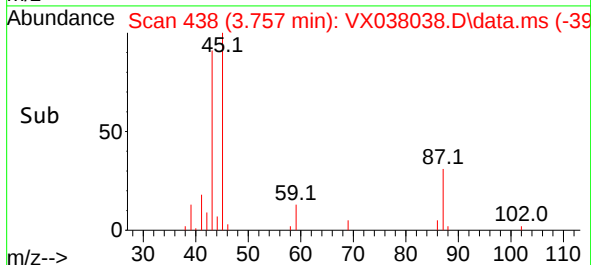
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

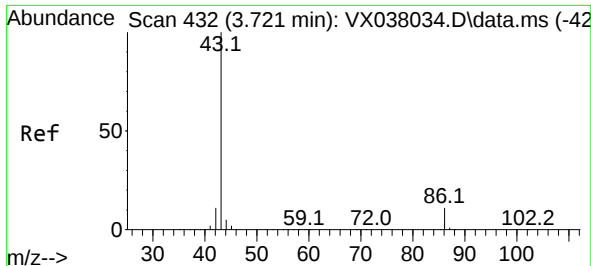


#22
Diisopropyl ether
Concen: 4.864 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53



Tgt Ion: 45 Resp: 24866
Ion Ratio Lower Upper
45 100
43 87.6 69.7 104.5
87 31.3 20.8 31.2#
59 13.0 9.0 13.4





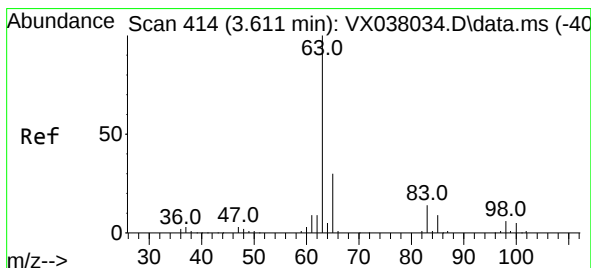
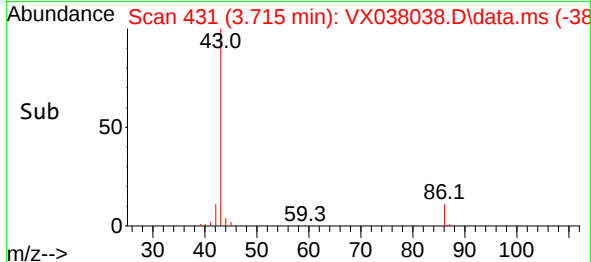
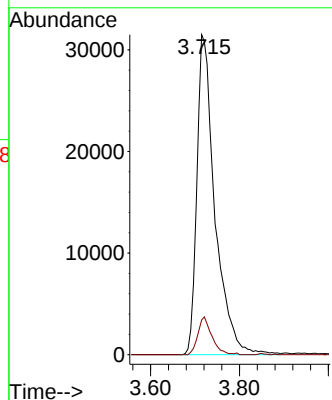
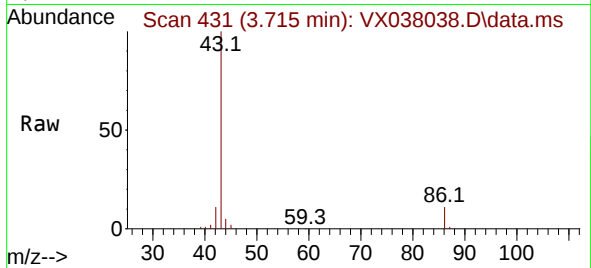
#23
 Vinyl Acetate
 Concen: 24.031 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038038.D
 Acq: 03 Oct 2023 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 8870
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

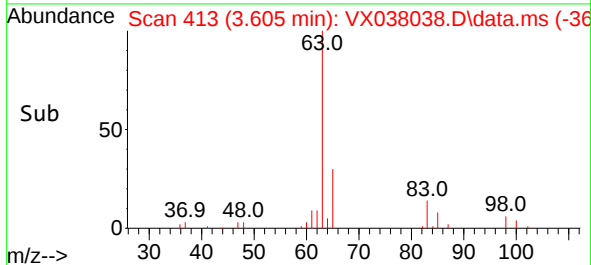
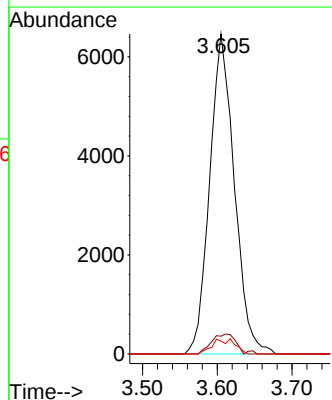
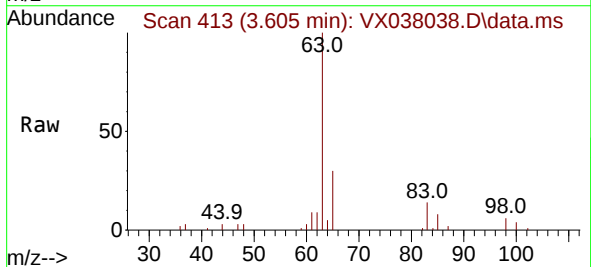
Manual Integrations
 APPROVED

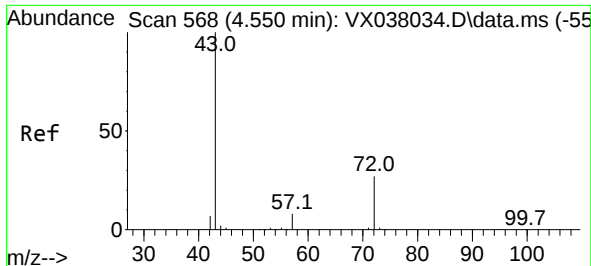
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#24
 1,1-Dichloroethane
 Concen: 4.815 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038038.D
 Acq: 03 Oct 2023 14:53

Tgt Ion: 63 Resp: 14835
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.0 2.1 6.5





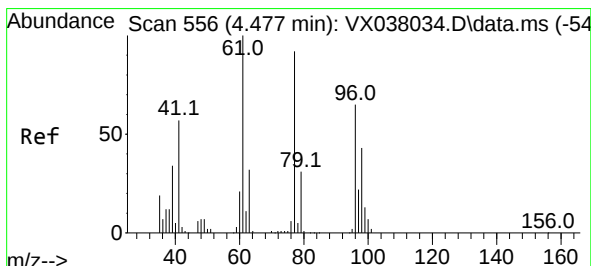
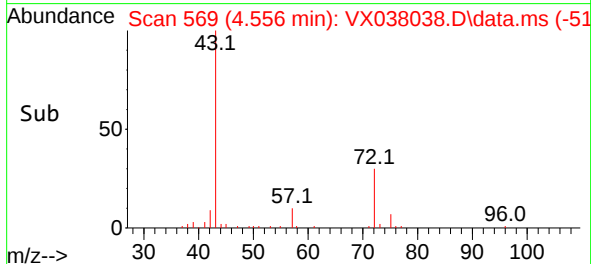
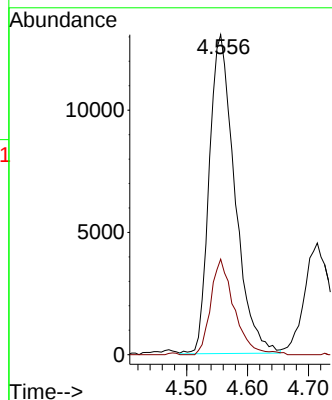
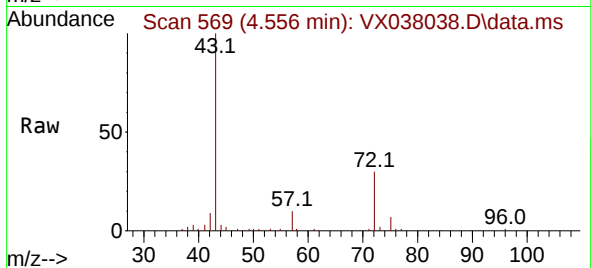
#25
2-Butanone
Concen: 24.495 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 37970
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2

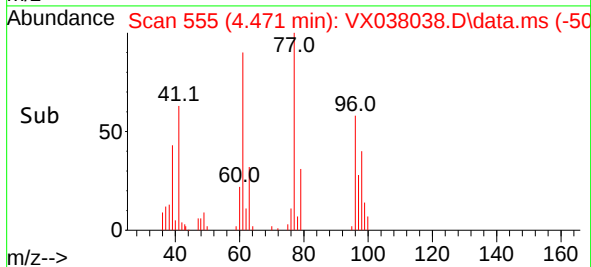
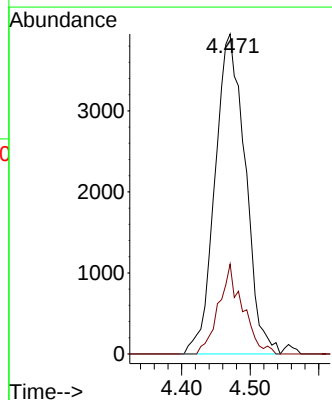
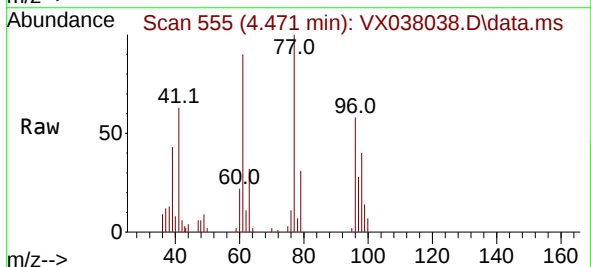
Manual Integrations
APPROVED

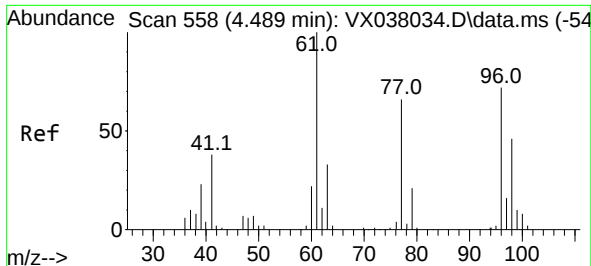
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#26
2,2-Dichloropropane
Concen: 4.970 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 77 Resp: 12109
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.137 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 990

Ion Ratio Lower Upper

96 100

61 139.3 0.0 312.2

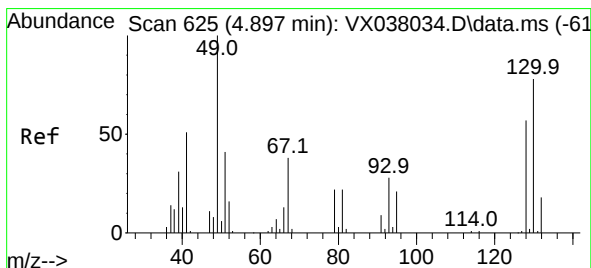
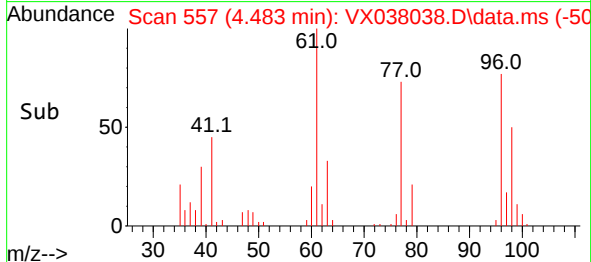
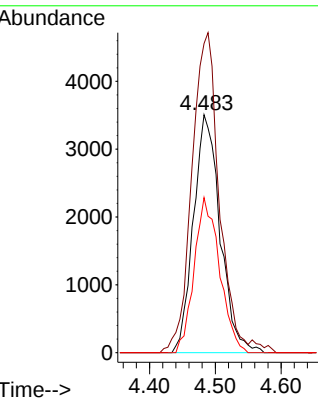
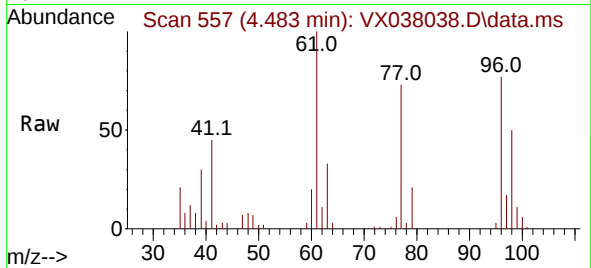
98 61.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#28

Bromochloromethane

Concen: 5.006 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

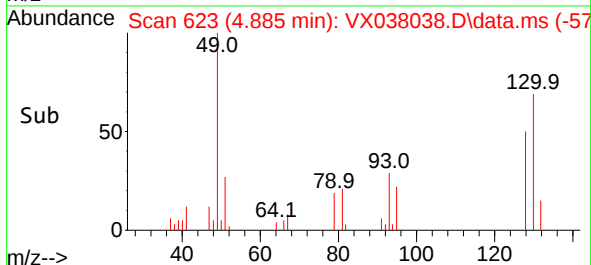
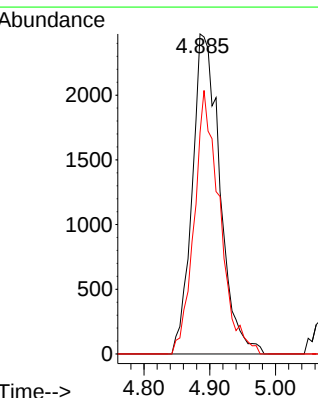
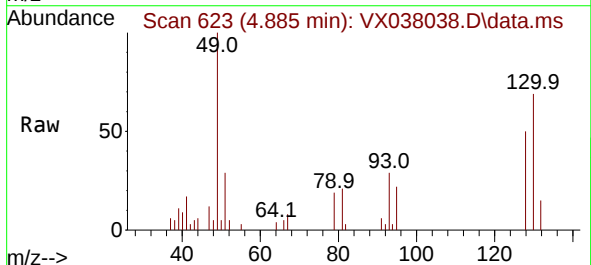
Tgt Ion: 49 Resp: 7233

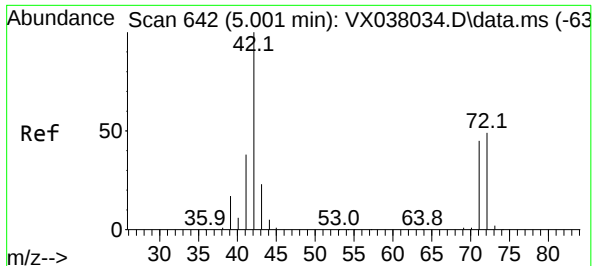
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 75.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 23.594 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

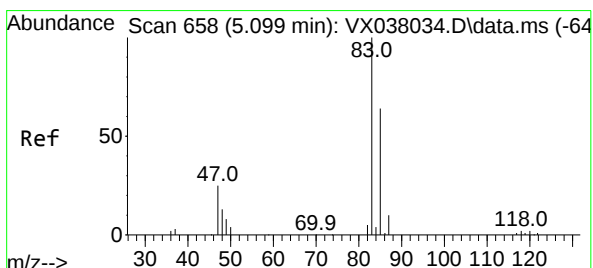
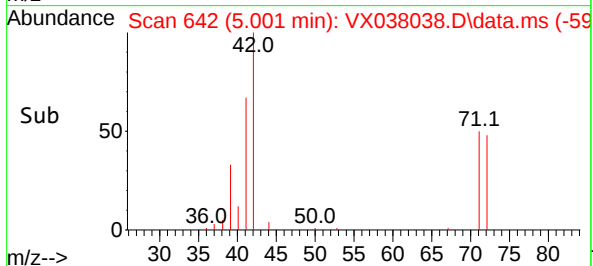
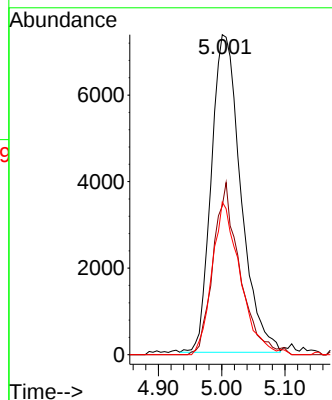
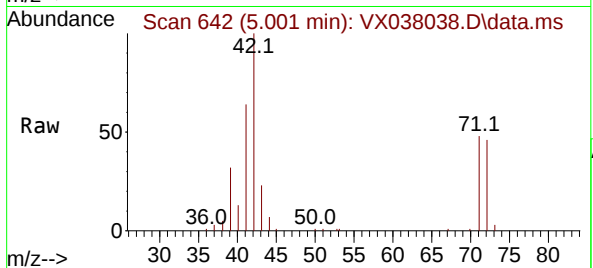
Tgt Ion:	42	Resp:	2377
Ion	Ratio	Lower	Upper
42	100		
72	49.0	34.2	51.4
71	46.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#30

Chloroform

Concen: 4.871 ug/l

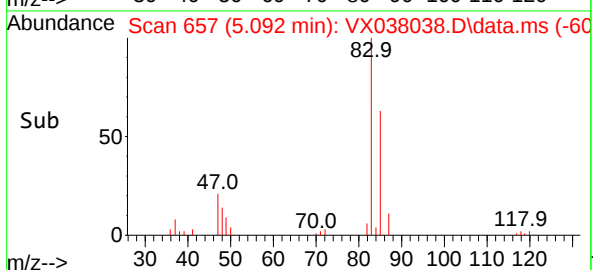
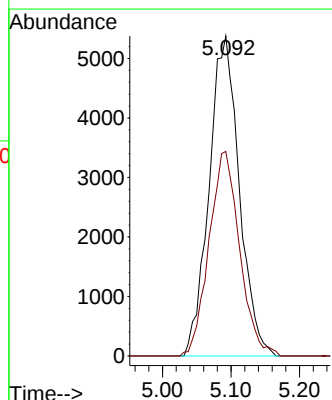
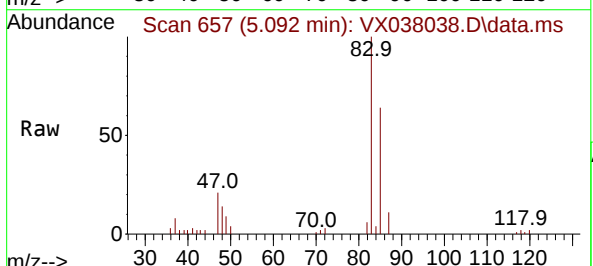
RT: 5.092 min Scan# 657

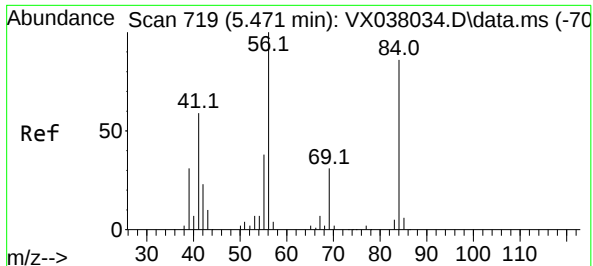
Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

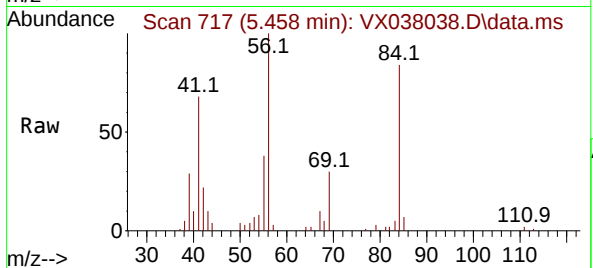
Tgt Ion:	83	Resp:	16450
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





#31
Cyclohexane
Concen: 5.144 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

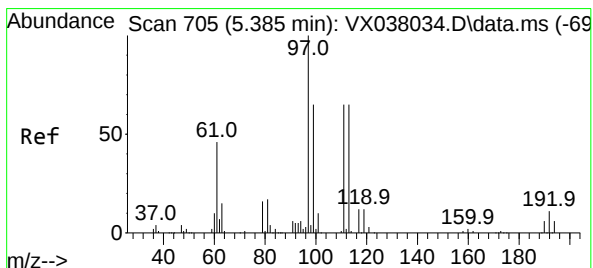
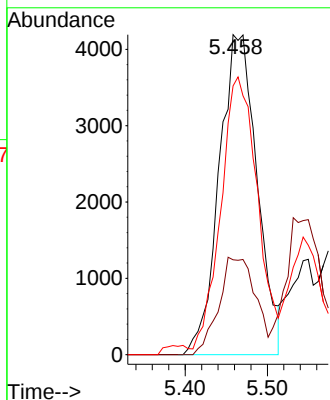
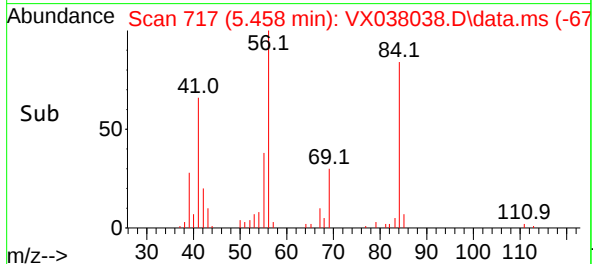
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1345
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 81.4 65.9 98.9

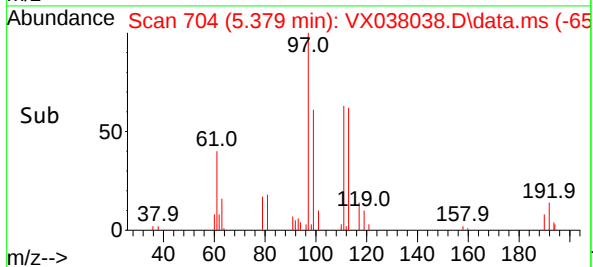
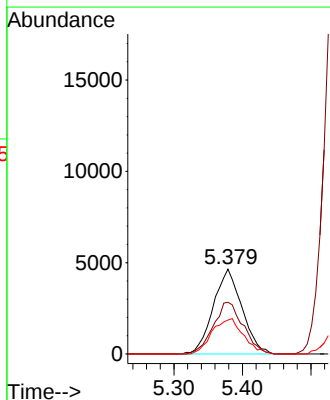
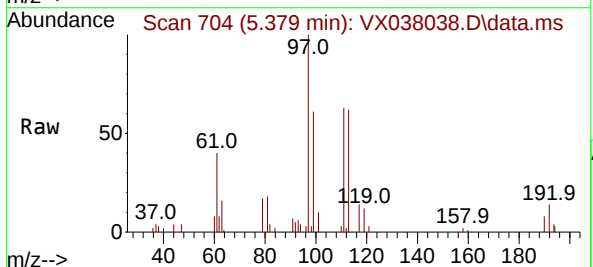
Manual Integrations
APPROVED

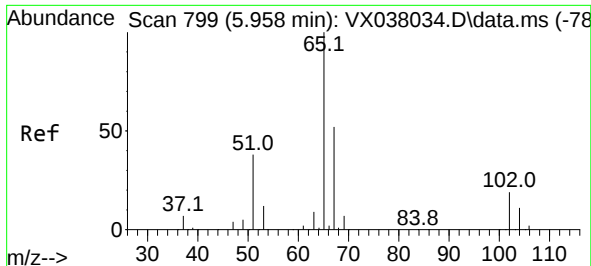
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#32
1,1,1-Trichloroethane
Concen: 4.748 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 97 Resp: 13521
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 45.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.649 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 13036

Ion Ratio Lower Upper

65 100

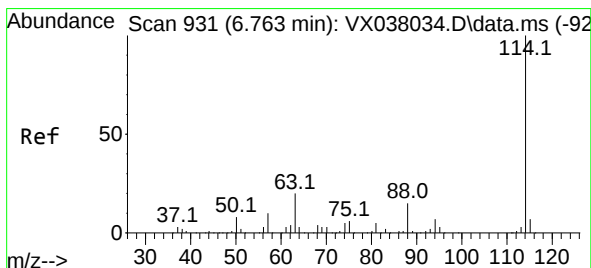
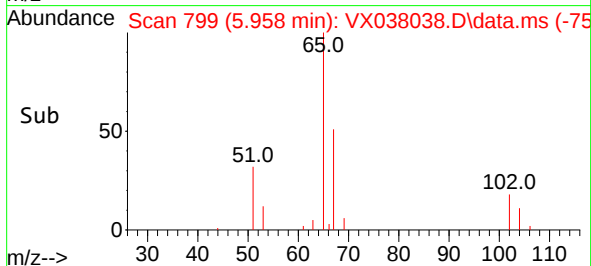
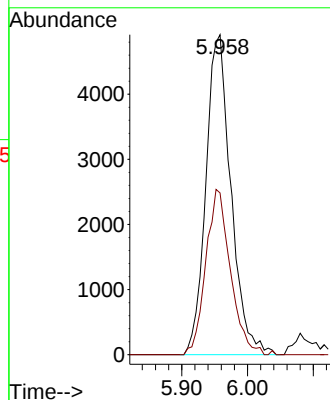
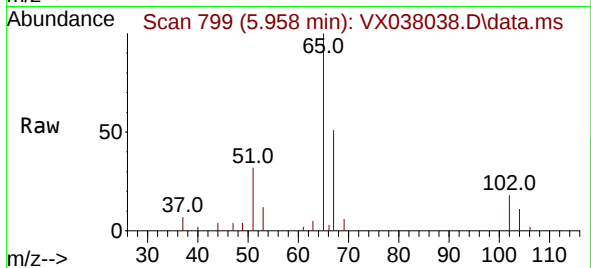
67 50.7 0.0 100.2

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: VX038038.D

Acq: 03 Oct 2023 14:53

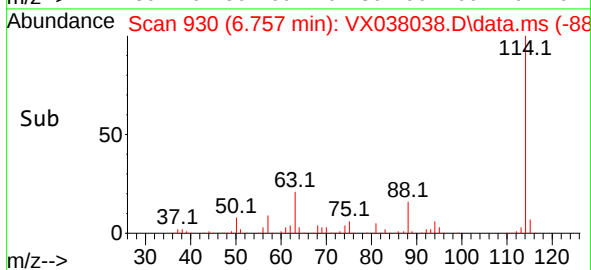
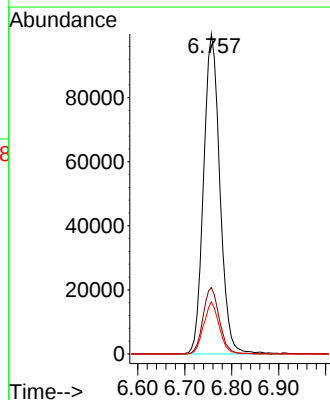
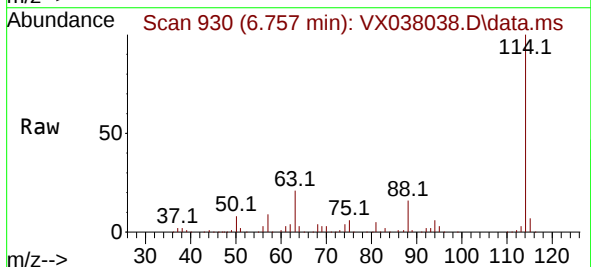
Tgt Ion:114 Resp: 240354

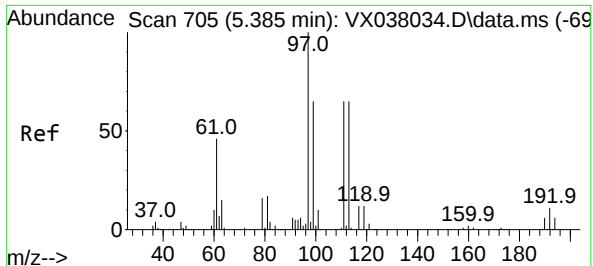
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.546 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

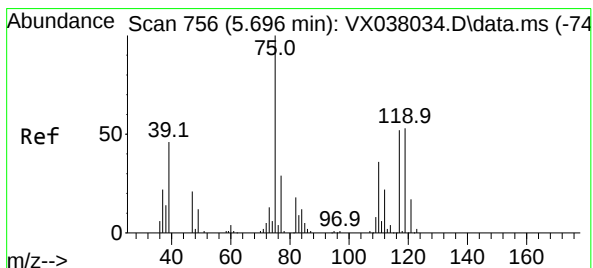
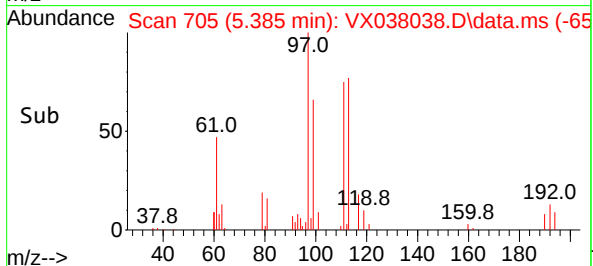
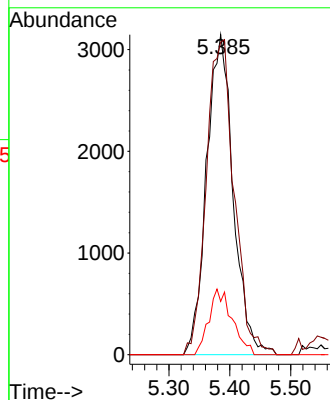
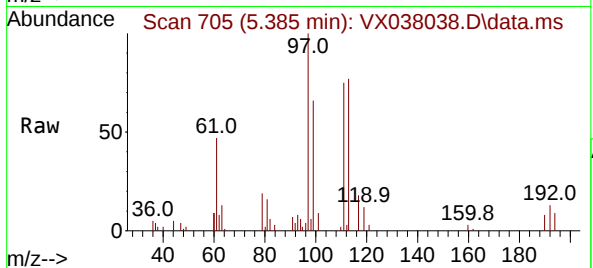
Tgt Ion:	113	Resp:	953
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#36

1,1-Dichloropropene

Concen: 5.137 ug/l

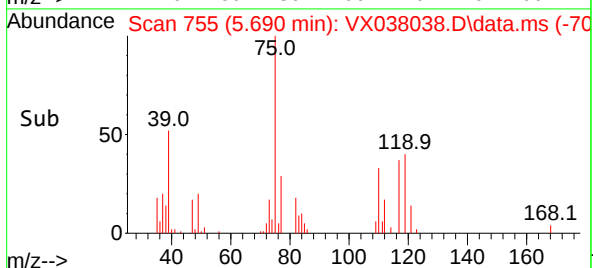
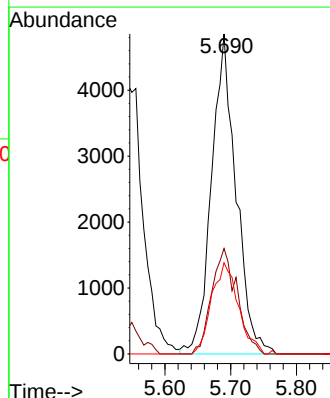
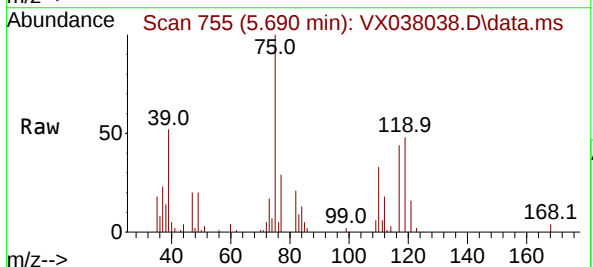
RT: 5.690 min Scan# 755

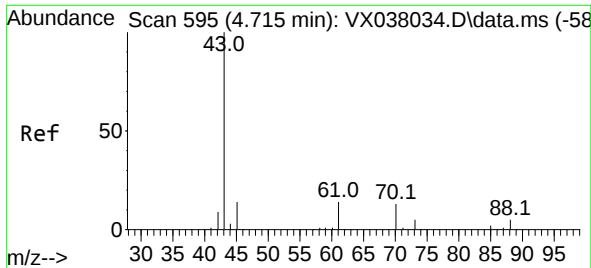
Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Tgt Ion:	75	Resp:	12585
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.0	50.9
77	30.9	24.7	37.1





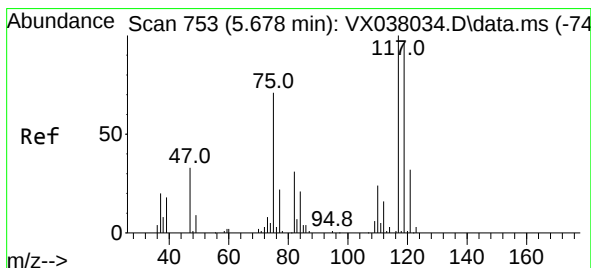
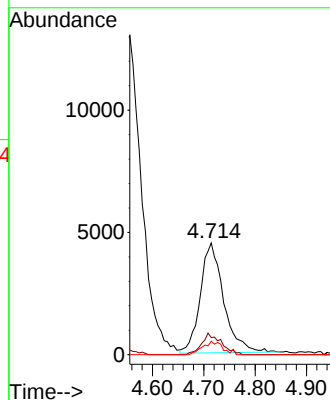
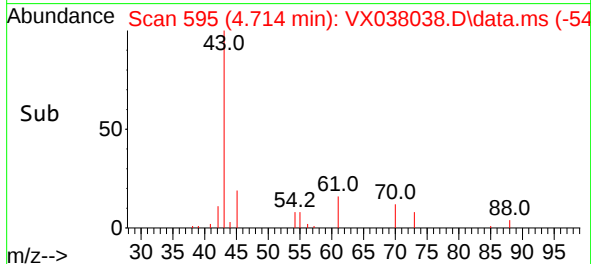
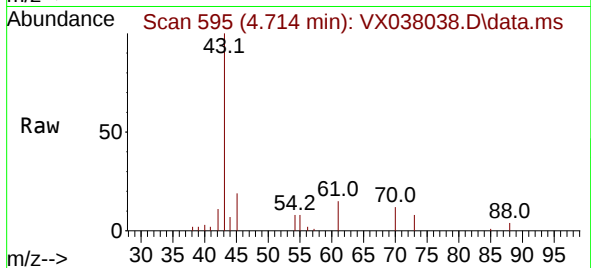
#37
Ethyl Acetate
Concen: 5.121 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 14210
Ion Ratio Lower Upper
43 100
61 16.3 10.6 16.0
70 10.4 8.3 12.5

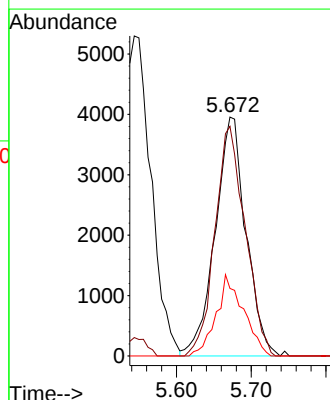
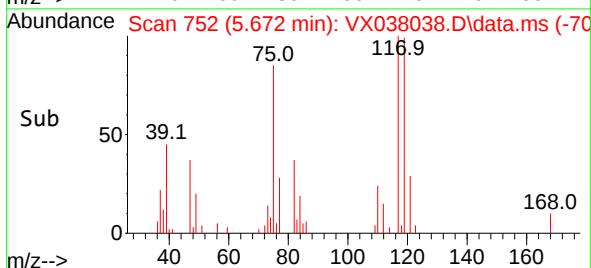
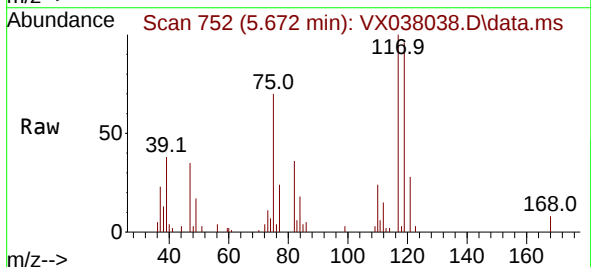
Manual Integrations
APPROVED

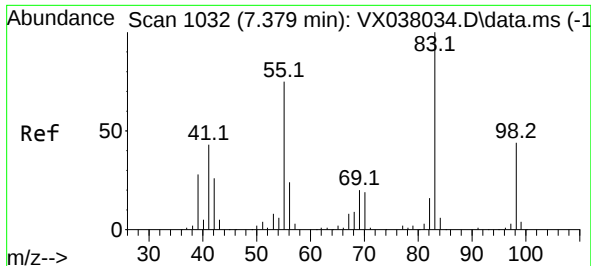
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#38
Carbon Tetrachloride
Concen: 4.677 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion:117 Resp: 11328
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 28.3 24.4 36.6





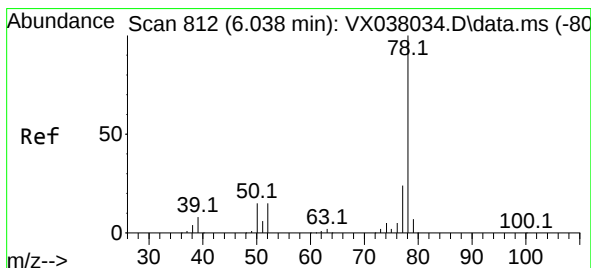
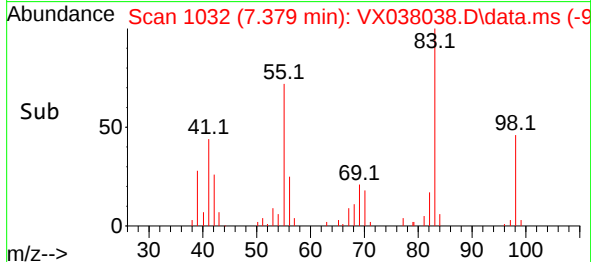
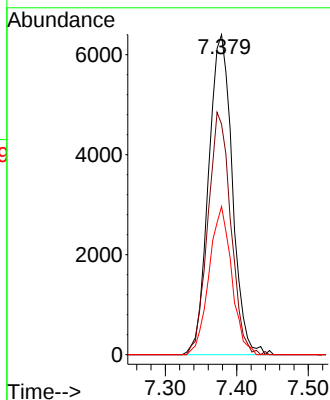
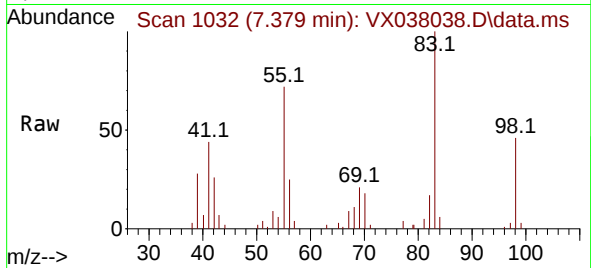
#39
Methylcyclohexane
Concen: 5.069 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1477
Ion Ratio Lower Upper
83 100
55 72.0 64.6 97.0
98 46.3 36.7 55.1

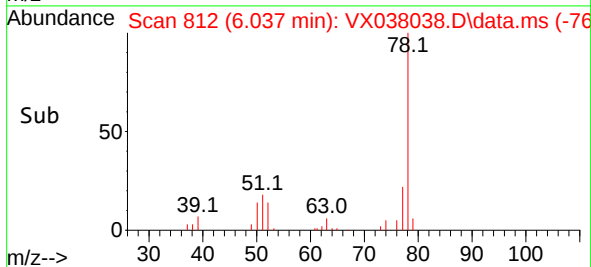
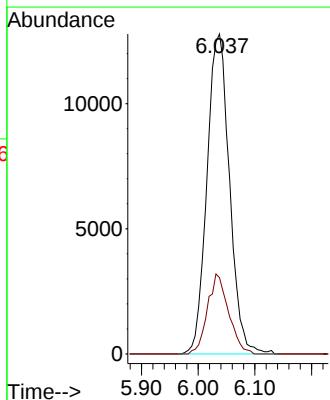
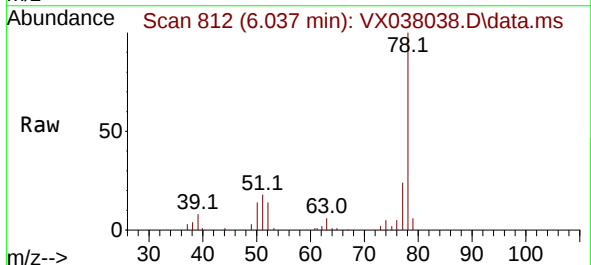
Manual Integrations
APPROVED

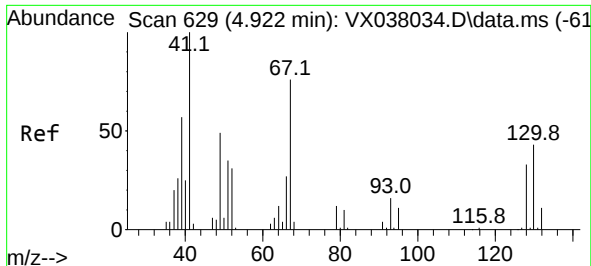
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#40
Benzene
Concen: 5.098 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

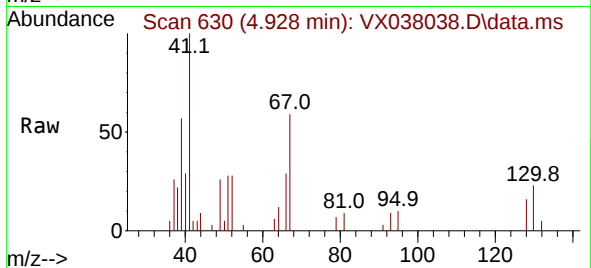
Tgt Ion: 78 Resp: 35326
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 5.030 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

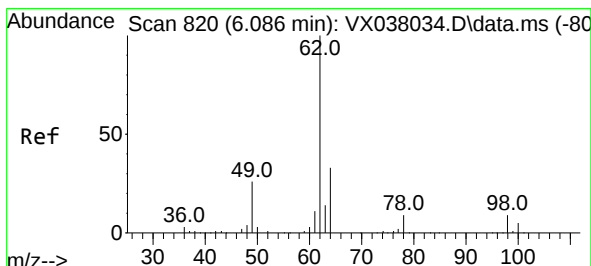
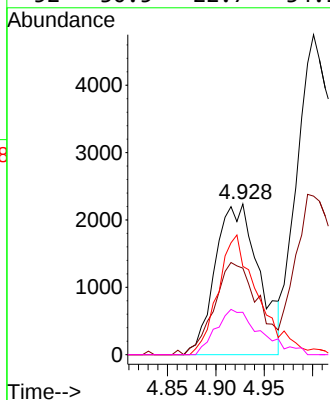
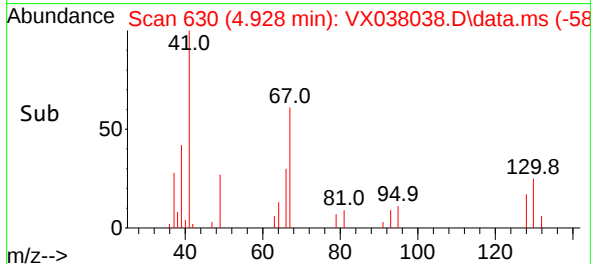
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 706
Ion Ratio Lower Upper
41 100
39 61.4 45.2 67.8
67 73.4 52.6 78.8
52 30.5 22.7 34.1

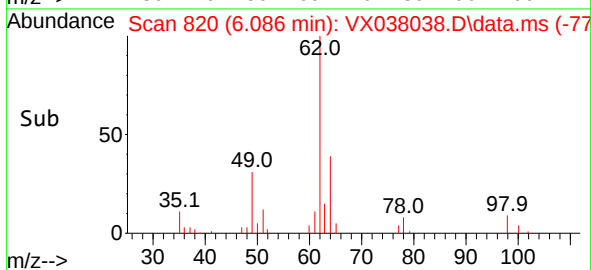
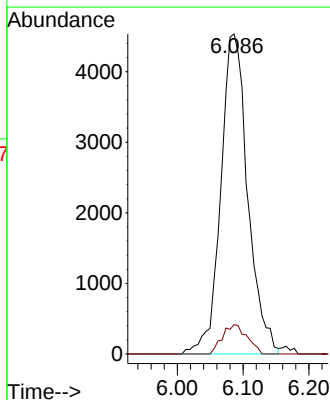
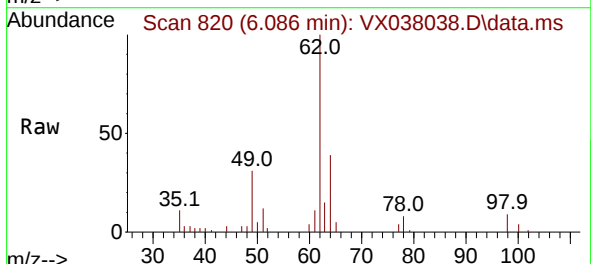
Manual Integrations
APPROVED

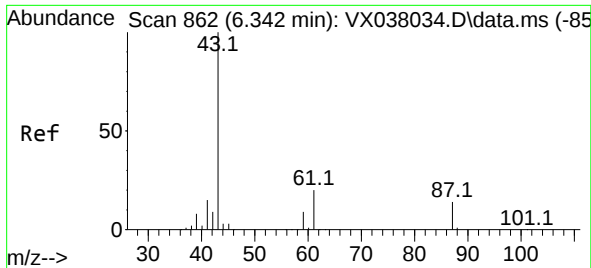
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#42
1,2-Dichloroethane
Concen: 4.774 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

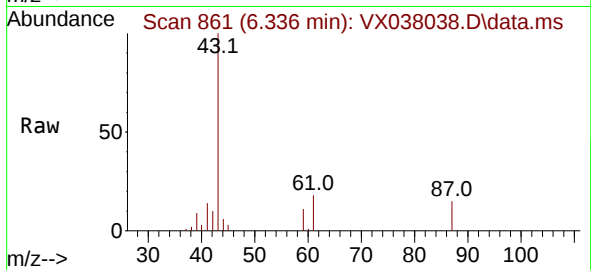
Tgt Ion: 62 Resp: 12948
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.813 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

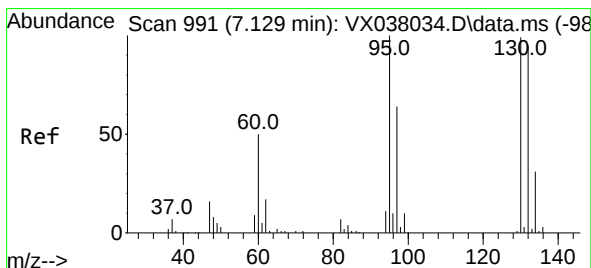
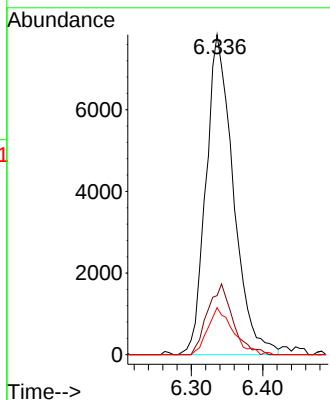
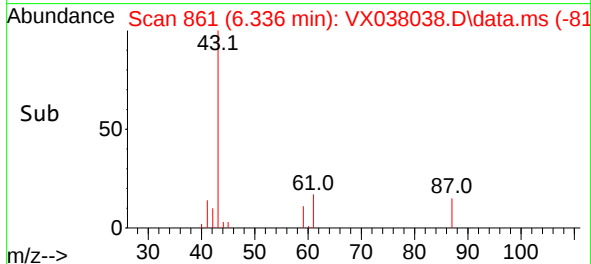
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 13.4 9.8 14.6

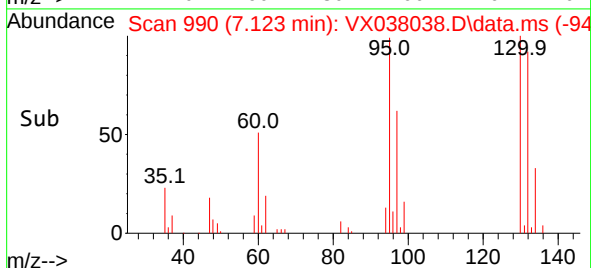
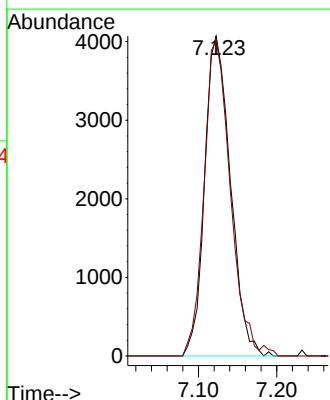
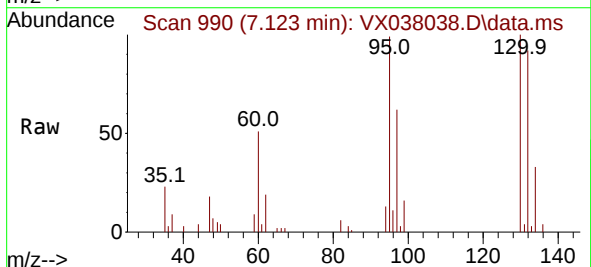
Manual Integrations
APPROVED

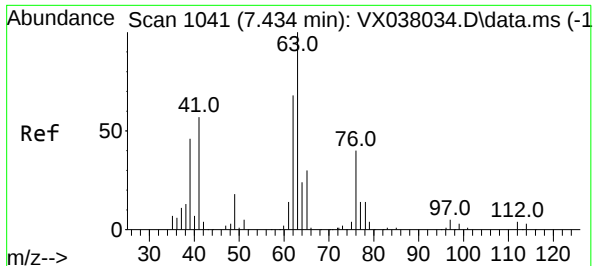
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#44
Trichloroethene
Concen: 5.000 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion:130 Resp: 9340
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.975 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 878

Ion Ratio Lower Upper

63 100

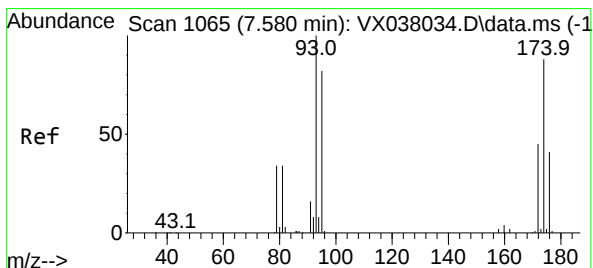
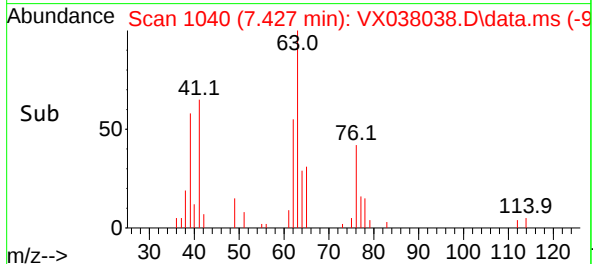
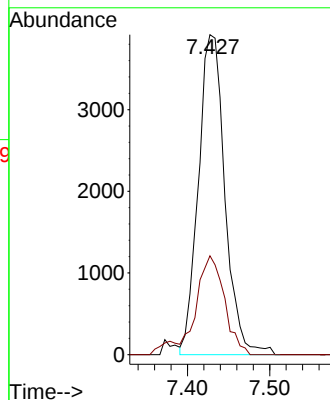
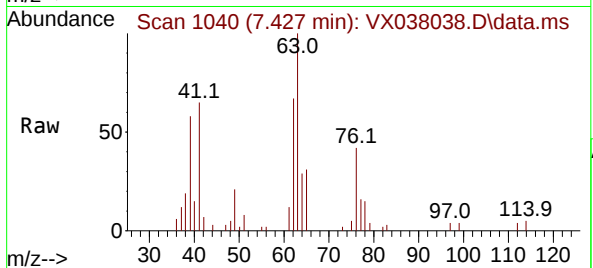
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#46

Dibromomethane

Concen: 4.814 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

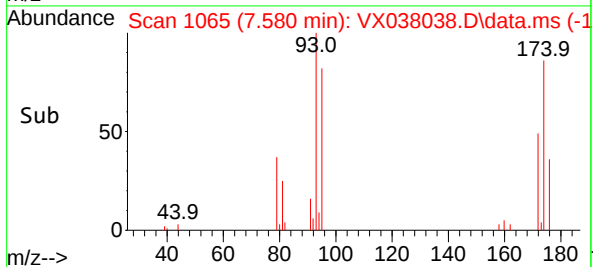
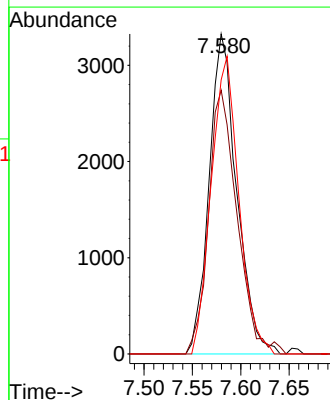
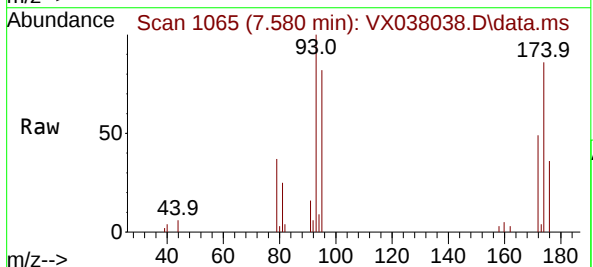
Tgt Ion: 93 Resp: 6596

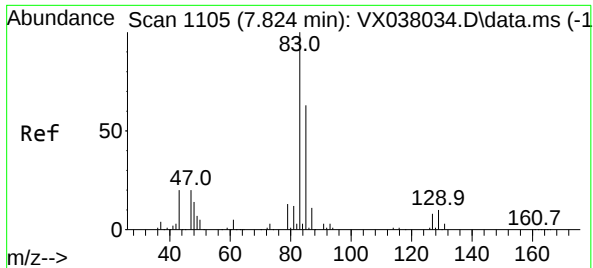
Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

174 93.2 69.4 104.0





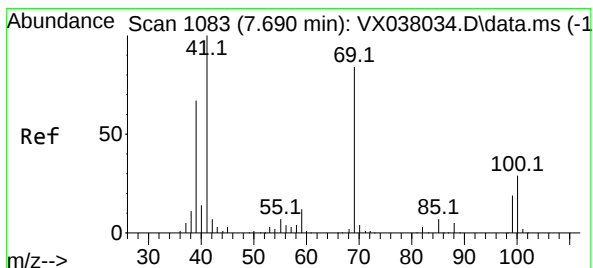
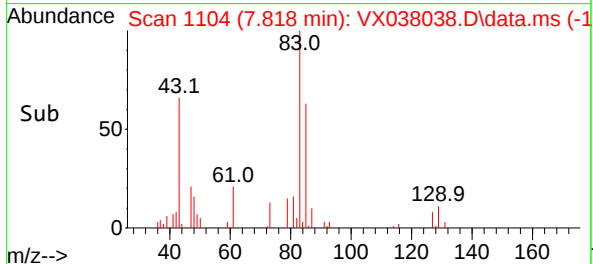
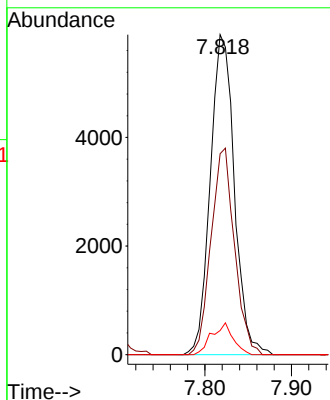
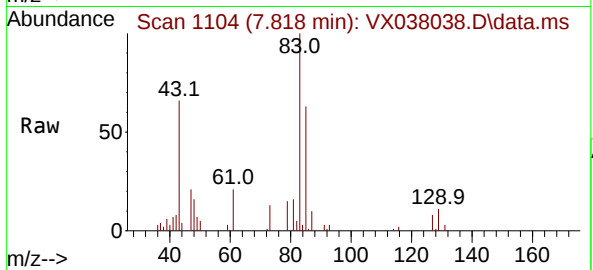
#47
Bromodichloromethane
Concen: 4.707 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11369
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 7.5 7.1 10.7

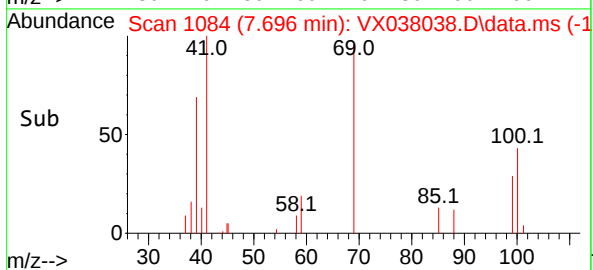
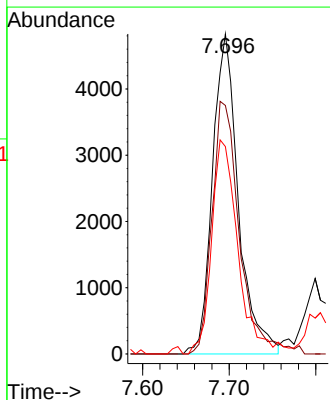
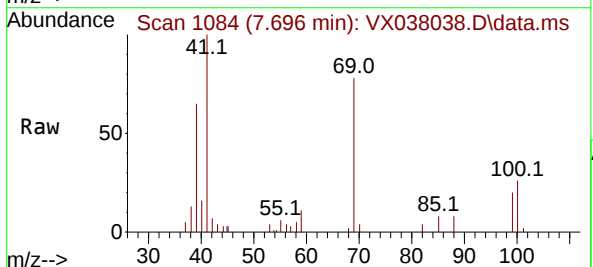
Manual Integrations
APPROVED

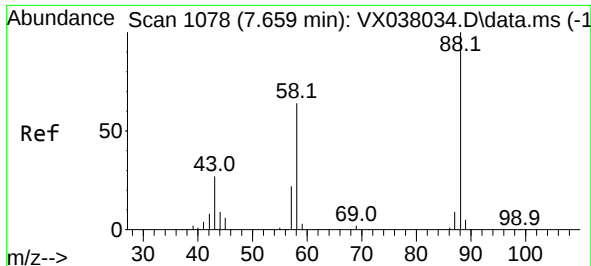
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#48
Methyl methacrylate
Concen: 4.826 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 41 Resp: 10021
Ion Ratio Lower Upper
41 100
69 83.9 59.2 88.8
39 68.6 47.7 71.5





#49
1,4-Dioxane
Concen: 103.718 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

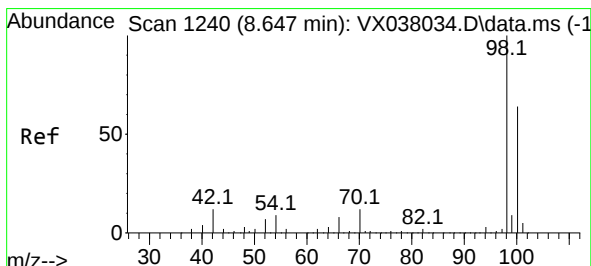
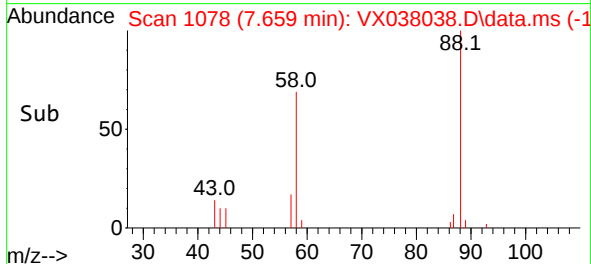
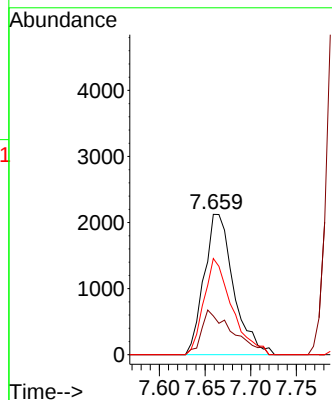
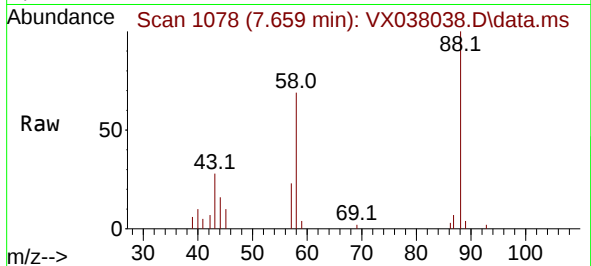
VSTDIC005

Tgt Ion: 88 Resp: 476
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0
58 65.2 60.1 90.1

Manual Integrations

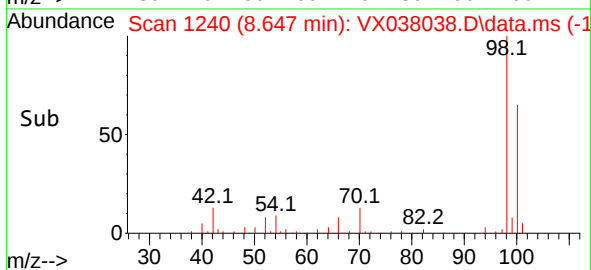
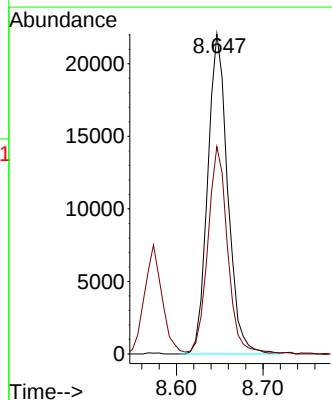
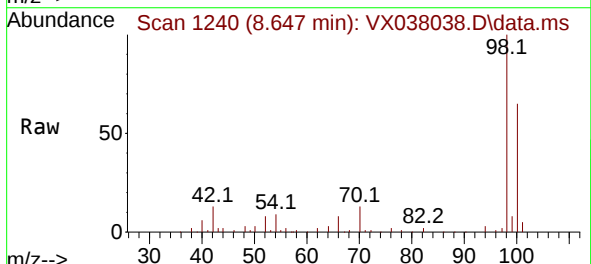
APPROVED

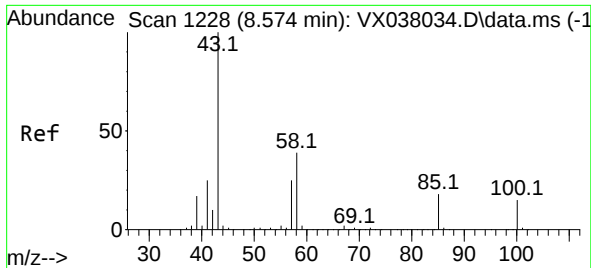
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#50
Toluene-d8
Concen: 5.359 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 98 Resp: 35453
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





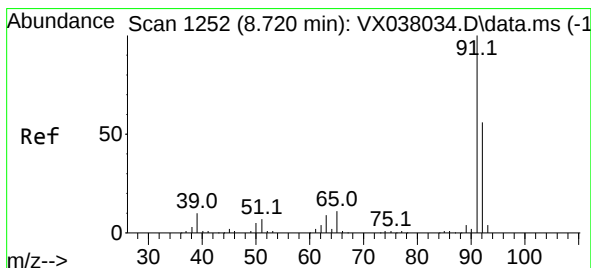
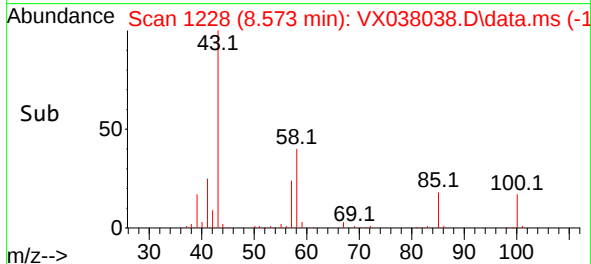
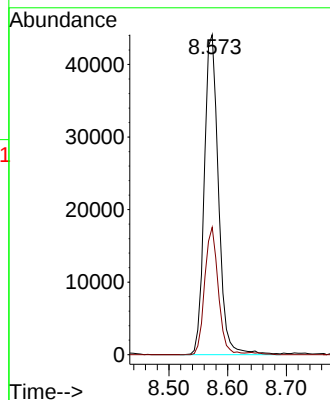
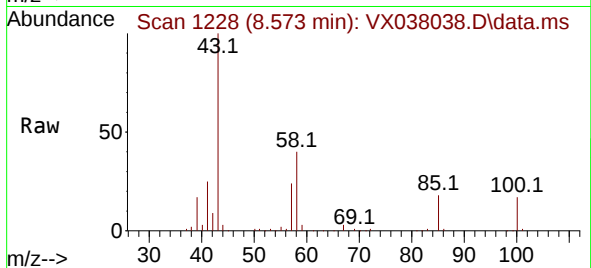
#51
4-Methyl-2-Pentanone
Concen: 25.121 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7424
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

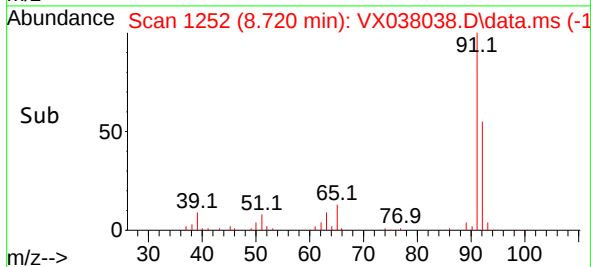
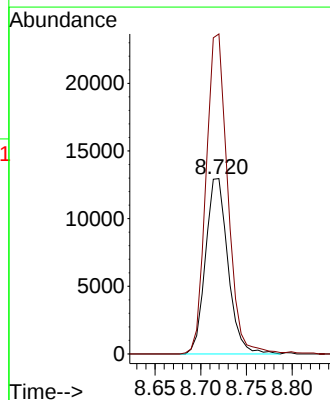
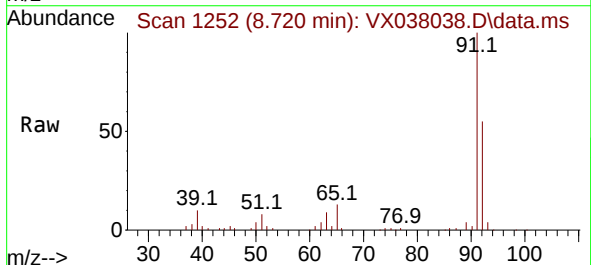
Manual Integrations
APPROVED

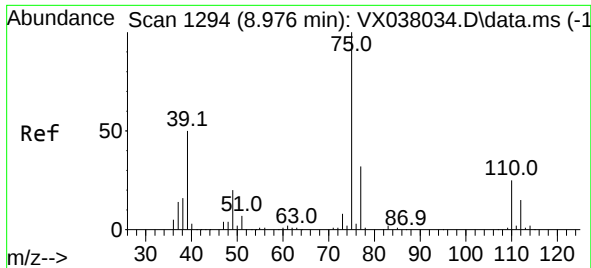
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#52
Toluene
Concen: 4.903 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 92 Resp: 22137
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.666 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

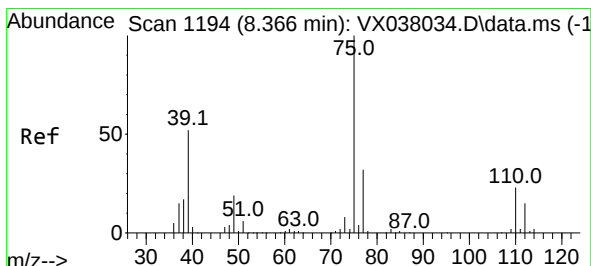
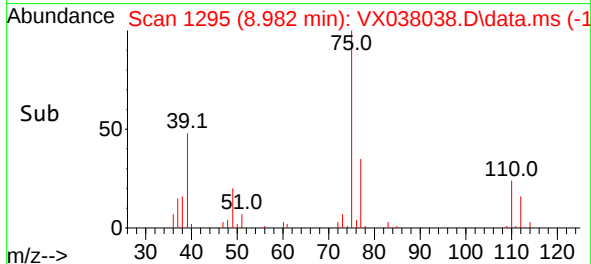
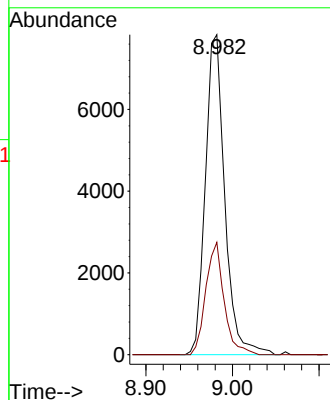
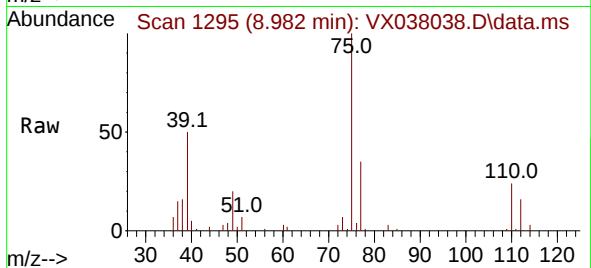
77 35.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#54

cis-1,3-Dichloropropene

Concen: 4.570 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

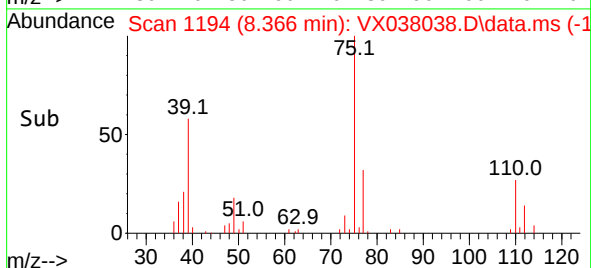
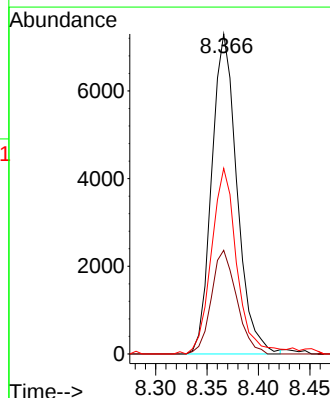
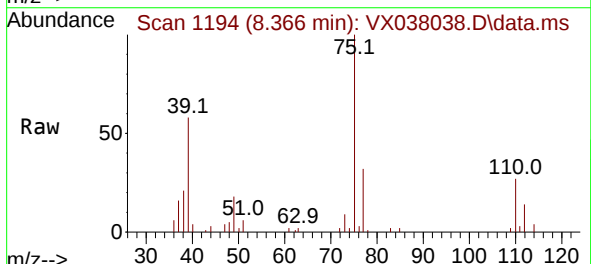
Tgt Ion: 75 Resp: 12509

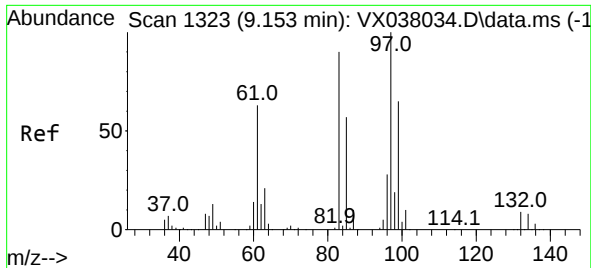
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

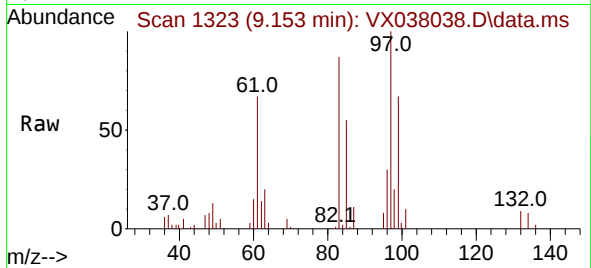
39 57.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.010 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

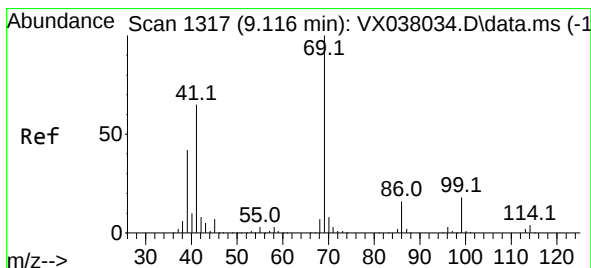
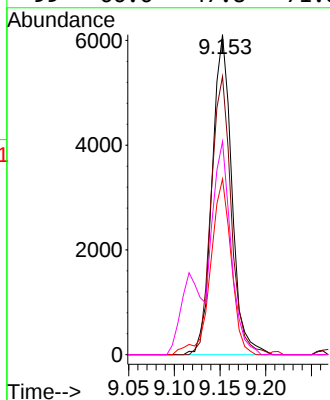
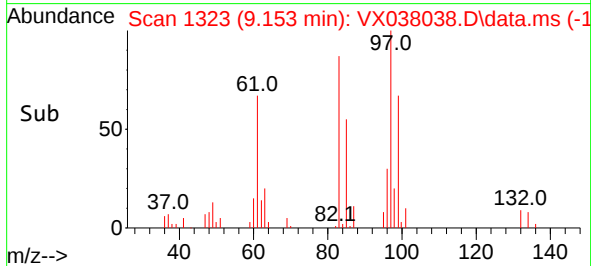
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.8
85	53.9	41.6	62.4
99	66.6	47.8	71.8

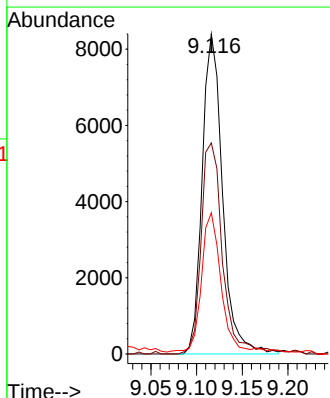
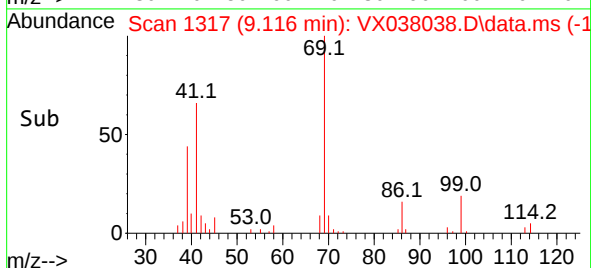
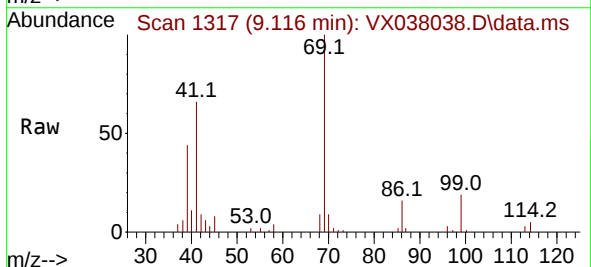
Manual Integrations
APPROVED

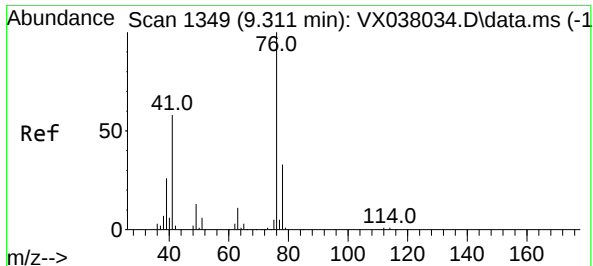
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#56
Ethyl methacrylate
Concen: 4.626 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.8	85.2
39	42.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 4.927 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 15072

Ion Ratio Lower Upper

76 100

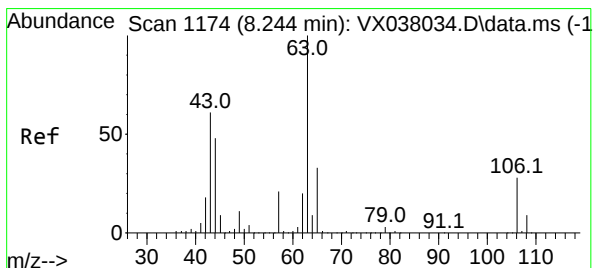
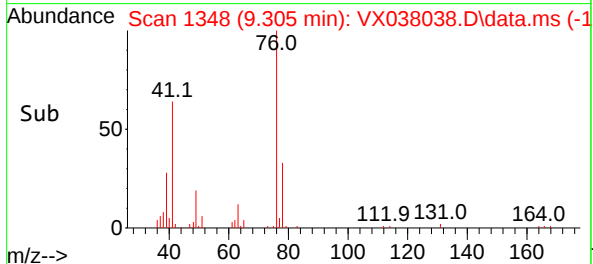
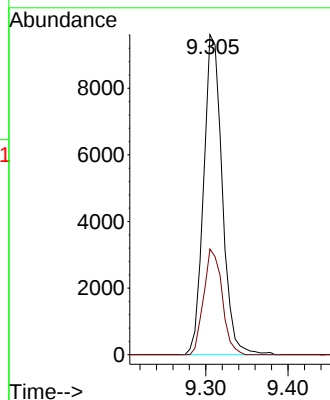
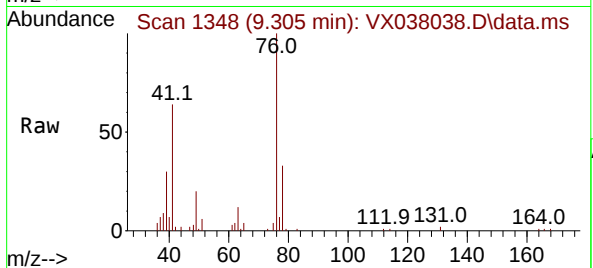
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 26.523 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038038.D

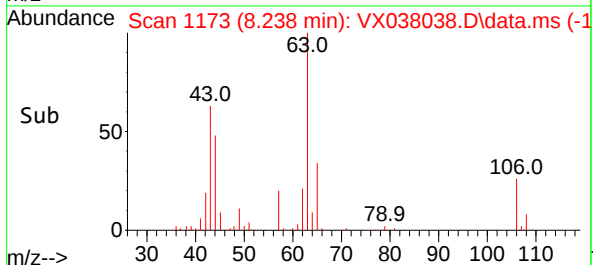
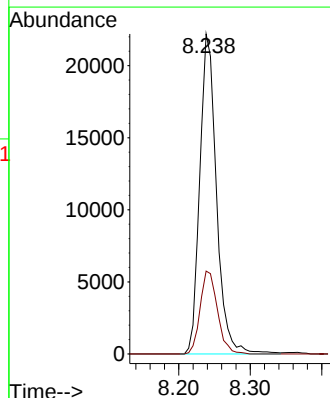
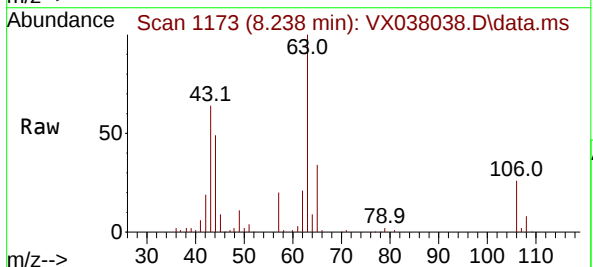
Acq: 03 Oct 2023 14:53

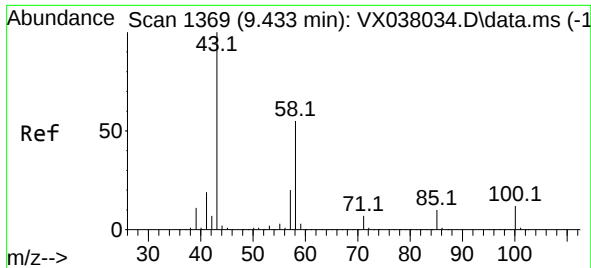
Tgt Ion: 63 Resp: 36057

Ion Ratio Lower Upper

63 100

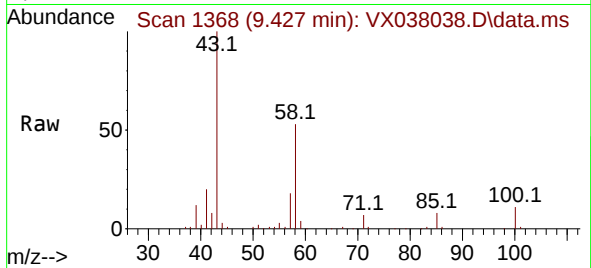
106 26.7 22.5 33.7





#59
2-Hexanone
Concen: 25.257 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

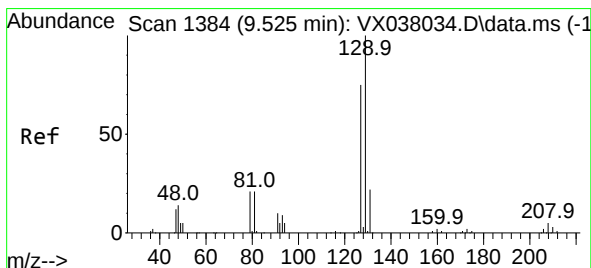
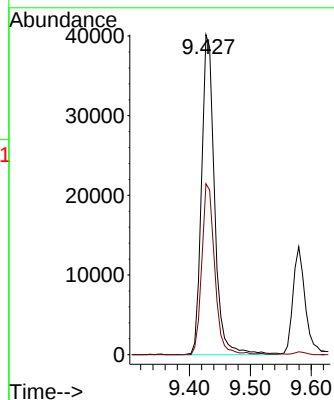
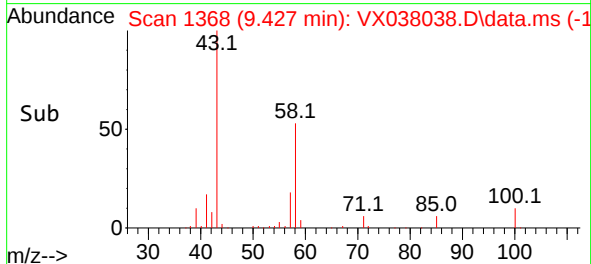
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 5977
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

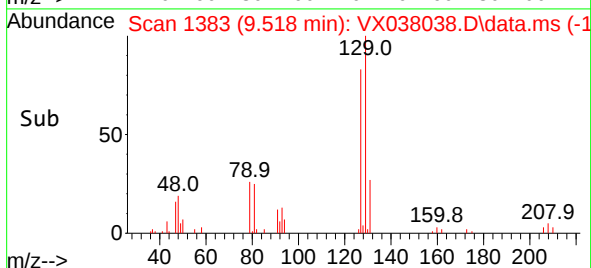
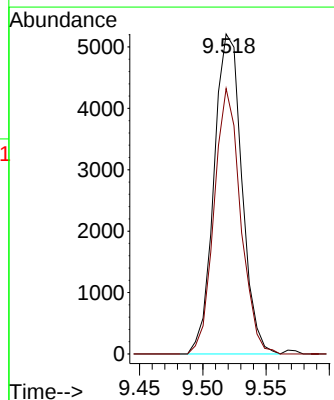
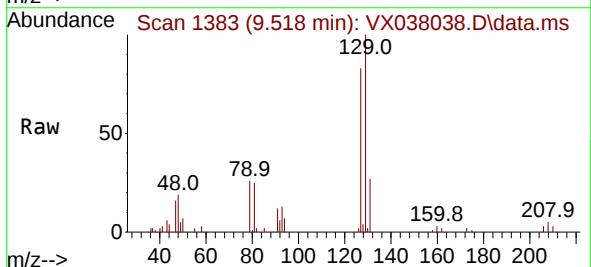
Manual Integrations
APPROVED

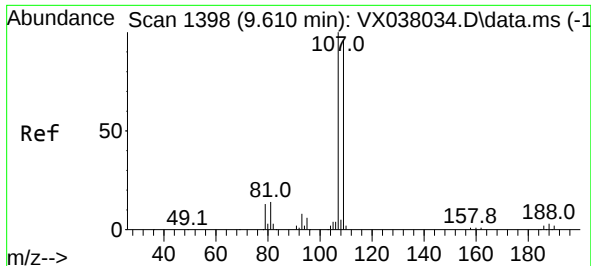
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#60
Dibromochloromethane
Concen: 4.375 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

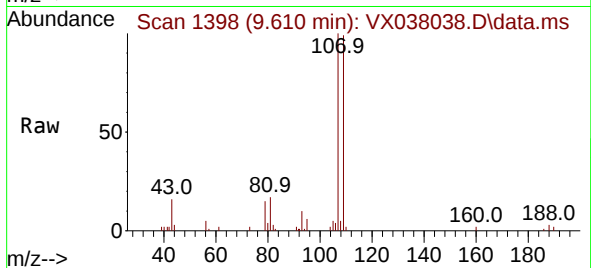
Tgt Ion:129 Resp: 7980
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.867 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

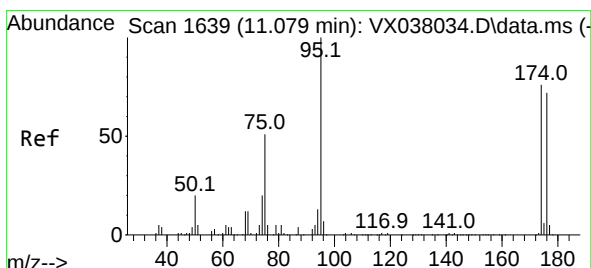
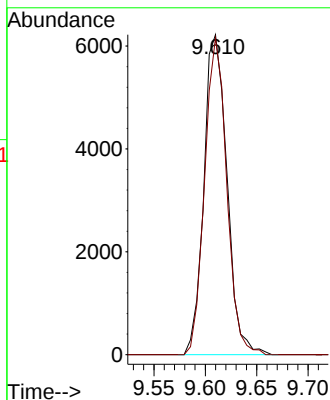
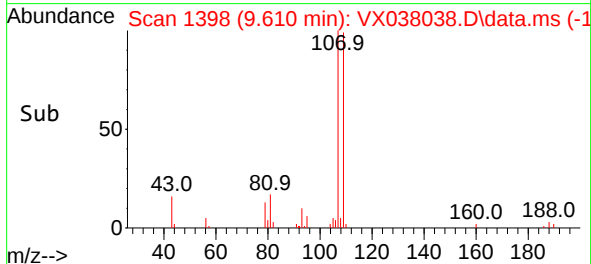
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 9725
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

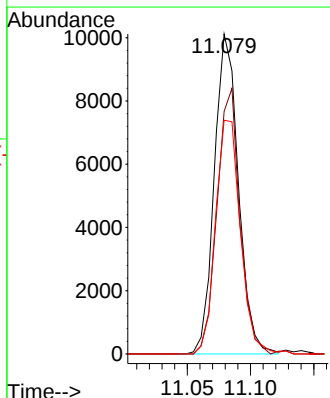
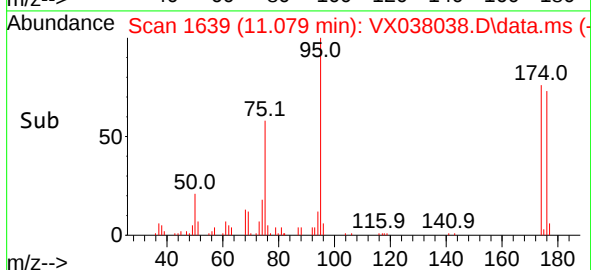
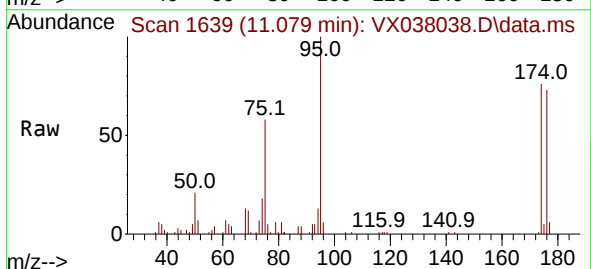
Manual Integrations
APPROVED

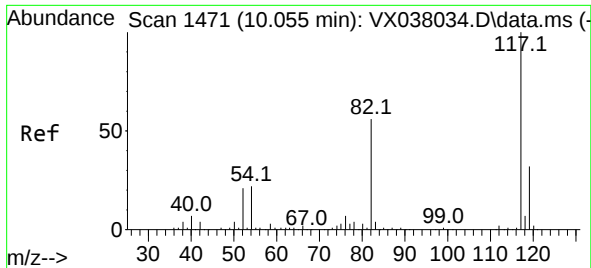
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#62
4-Bromofluorobenzene
Concen: 5.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

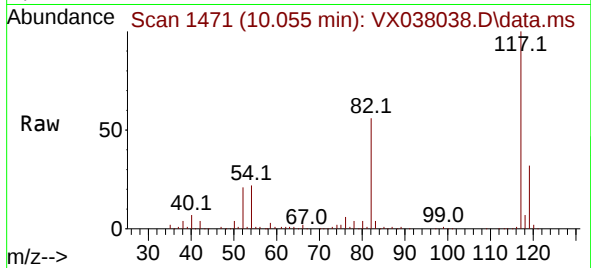
Tgt Ion: 95 Resp: 13350
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 75.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

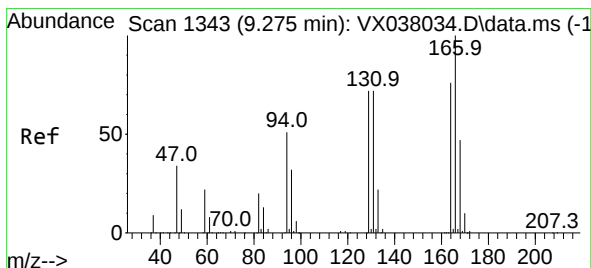
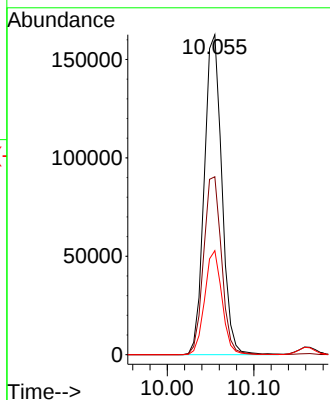
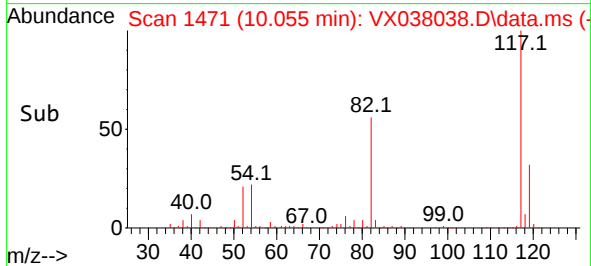
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 228800
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.5 25.5 38.3

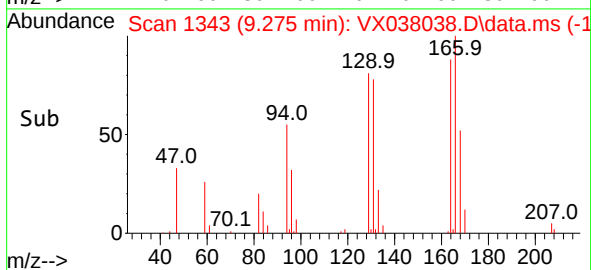
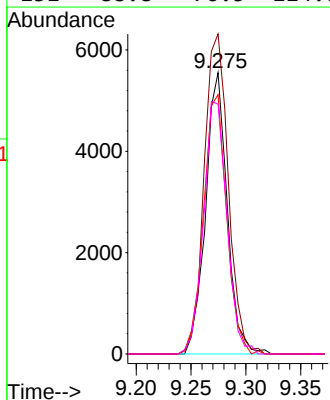
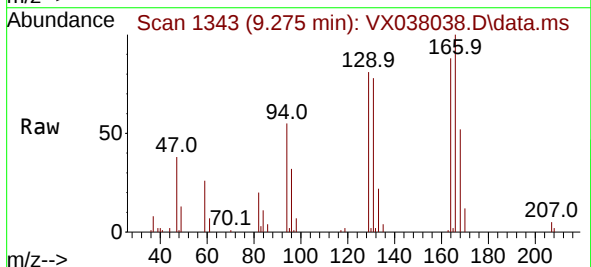
Manual Integrations
APPROVED

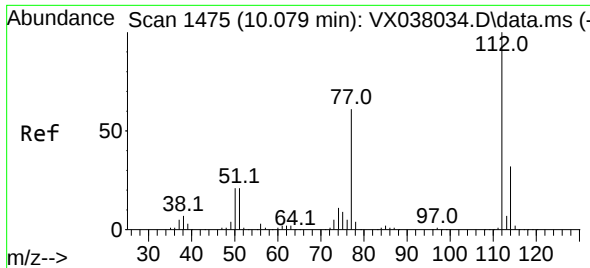
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#64
Tetrachloroethene
Concen: 4.972 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

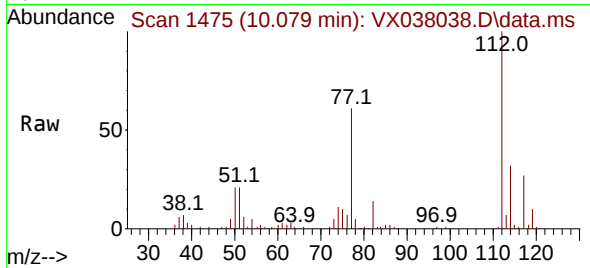
Tgt Ion:164 Resp: 7635
Ion Ratio Lower Upper
164 100
166 113.8 102.7 154.1
129 92.2 80.4 120.6
131 88.8 76.5 114.7





#65
Chlorobenzene
Concen: 5.099 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

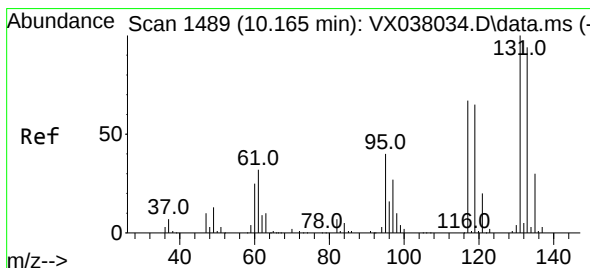
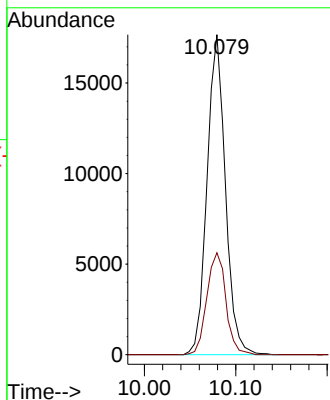
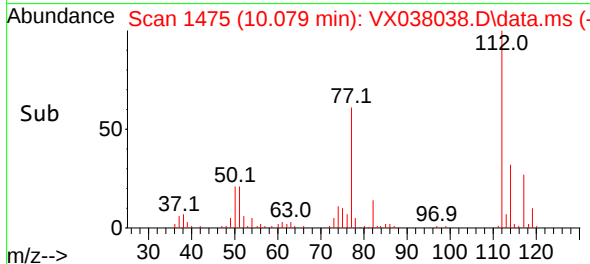
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



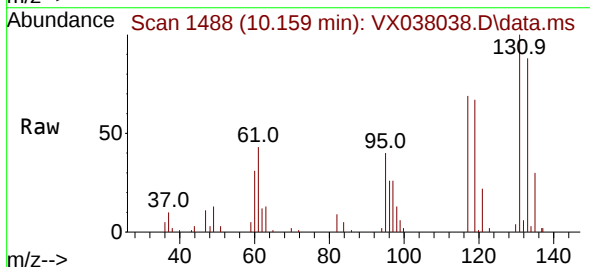
Tgt Ion:112 Resp: 2457
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

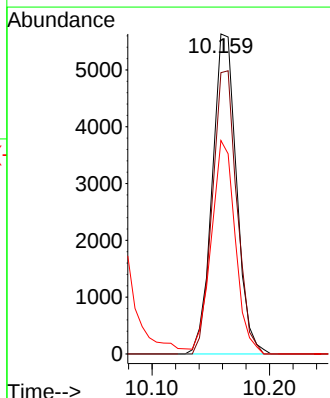
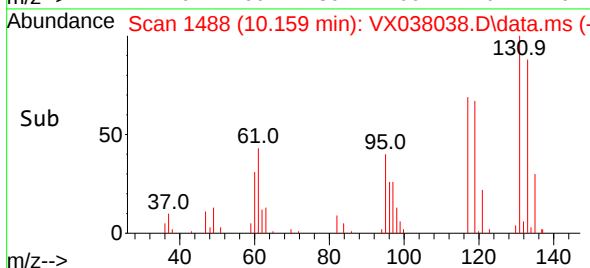
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

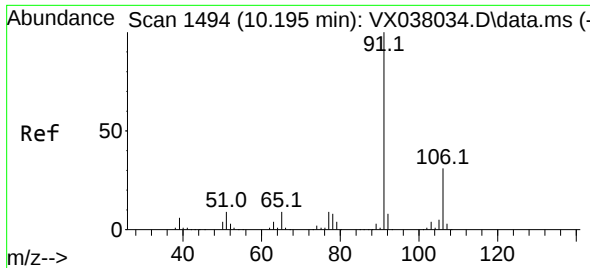


#66
1,1,1,2-Tetrachloroethane
Concen: 4.903 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53



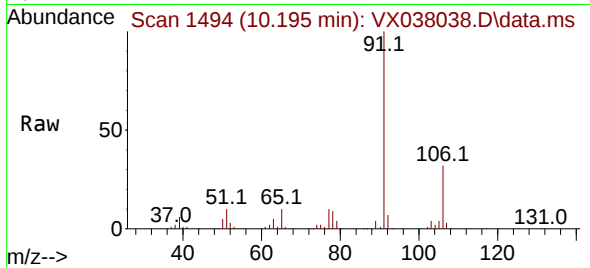
Tgt Ion:131 Resp: 8101
Ion Ratio Lower Upper
131 100
133 88.8 47.1 141.4
119 66.0 32.2 96.6





#67
Ethyl Benzene
Concen: 5.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

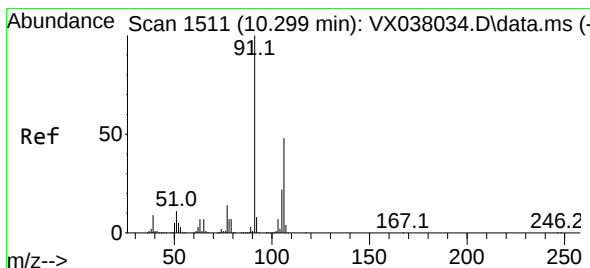
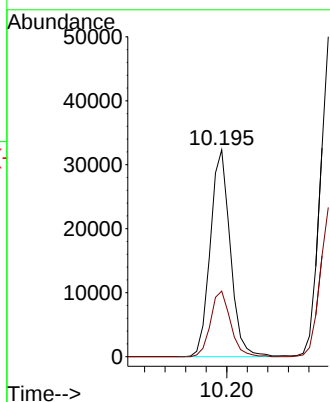
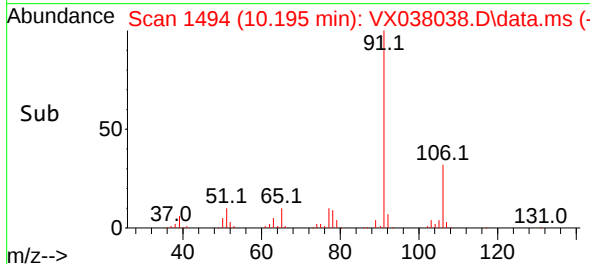
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



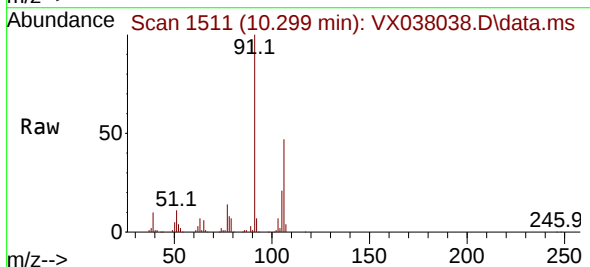
Tgt Ion: 91 Resp: 4352
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

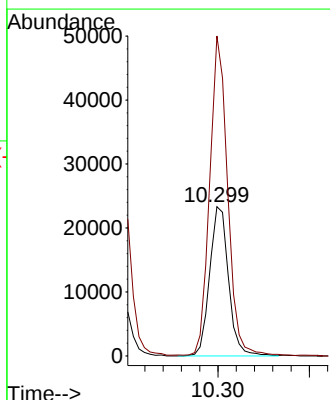
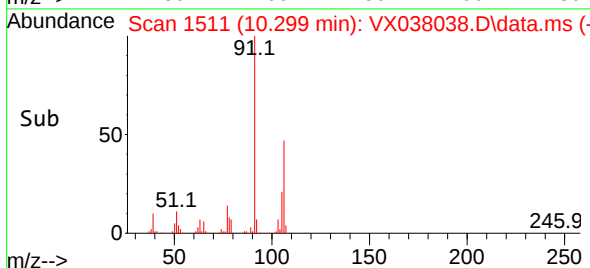
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

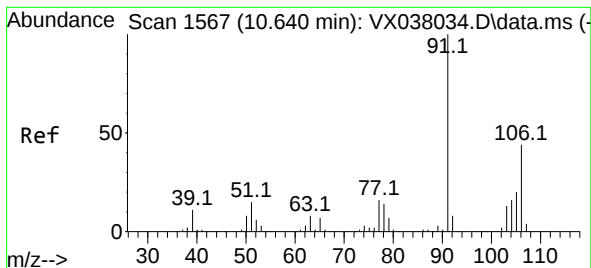


#68
m/p-Xylenes
Concen: 9.970 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53



Tgt Ion:106 Resp: 33390
Ion Ratio Lower Upper
106 100
91 203.2 165.5 248.3





#69

o-Xylene

Concen: 5.071 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 16200

Ion Ratio Lower Upper

106 100

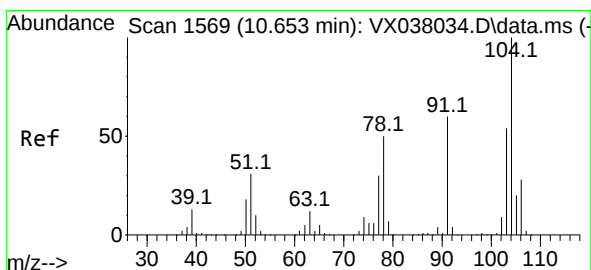
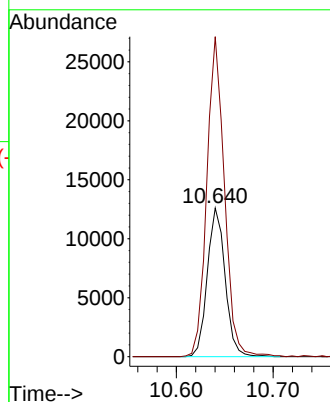
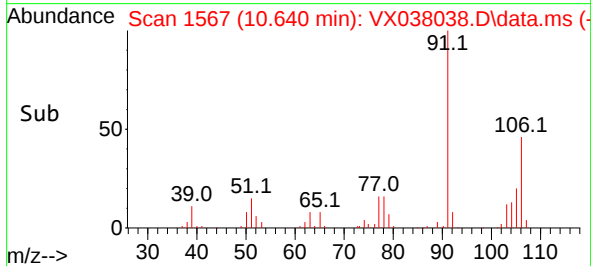
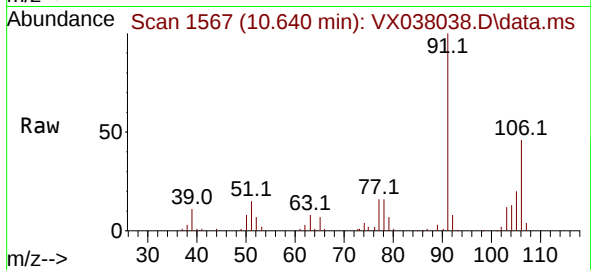
91 212.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#70

Styrene

Concen: 4.810 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

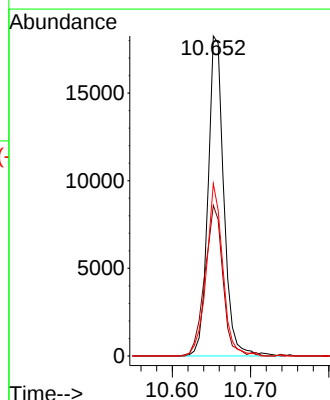
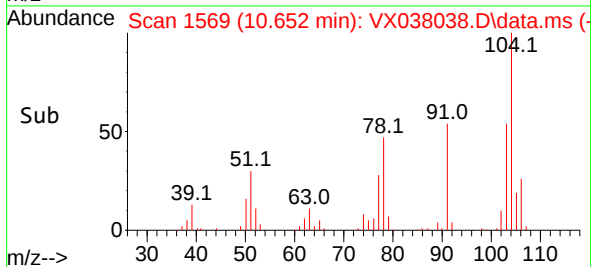
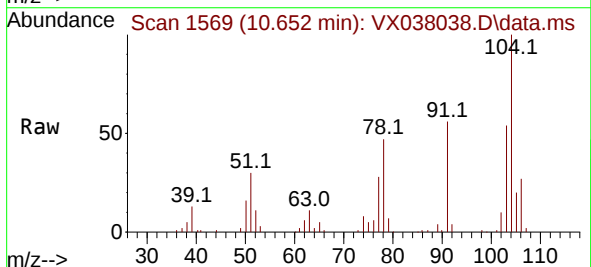
Tgt Ion:104 Resp: 25523

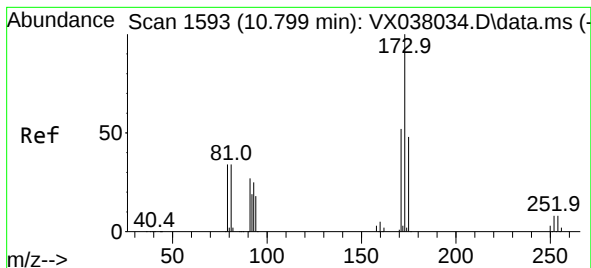
Ion Ratio Lower Upper

104 100

78 54.0 43.6 65.4

103 55.8 43.6 65.4





#71

Bromoform

Concen: 4.223 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

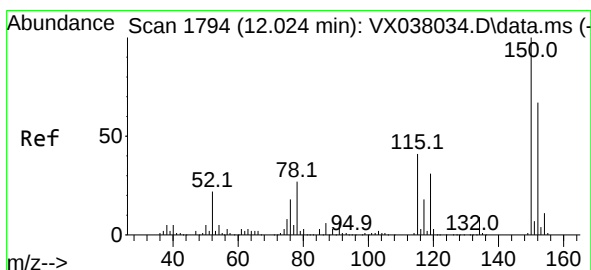
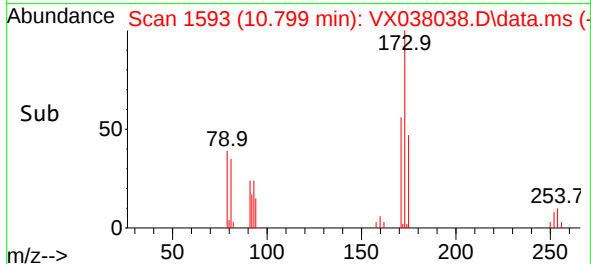
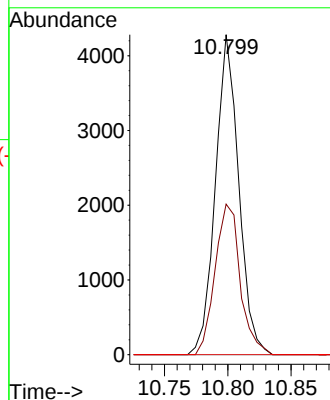
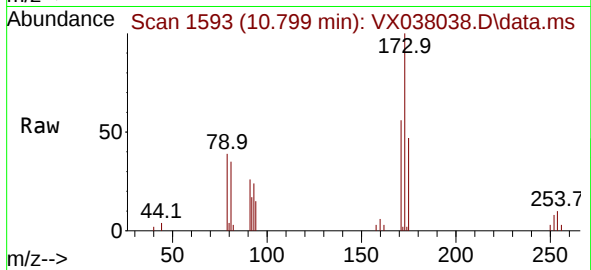
Tgt Ion:173 Resp: 5470
 Ion Ratio Lower Upper
 173 100
 175 50.9 24.1 72.4
 254 0.0 0.0 0.0

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

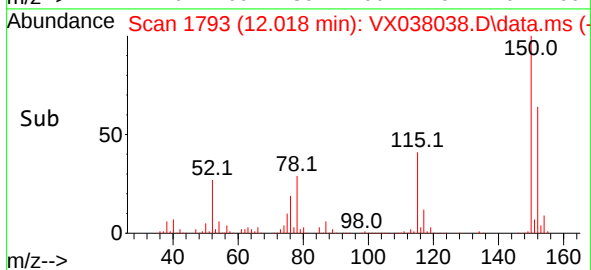
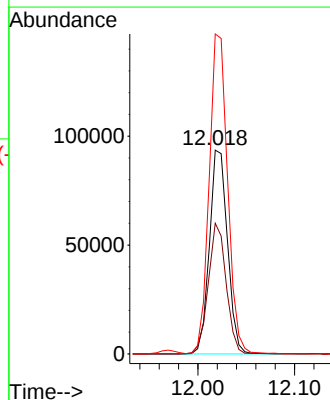
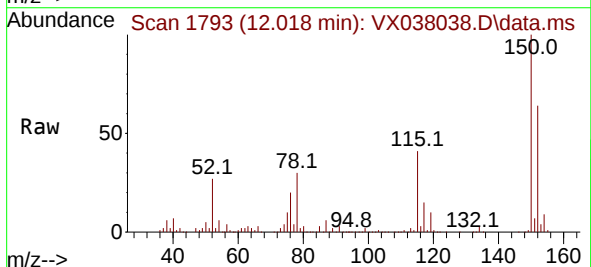
RT: 12.018 min Scan# 1793

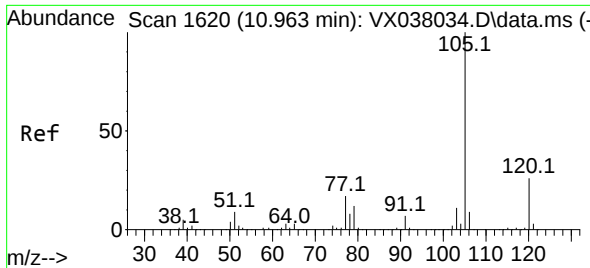
Delta R.T. -0.006 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Tgt Ion:152 Resp: 121716
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 160.2 0.0 345.0





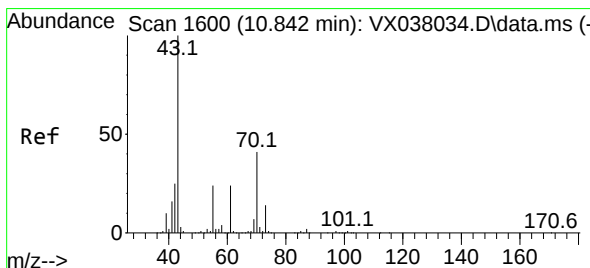
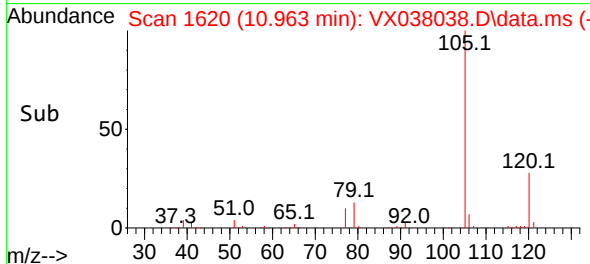
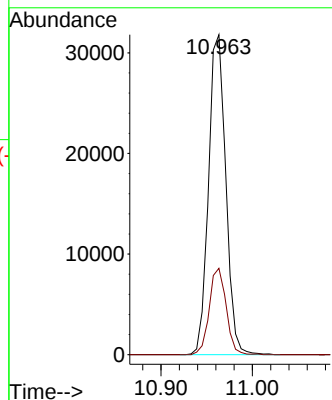
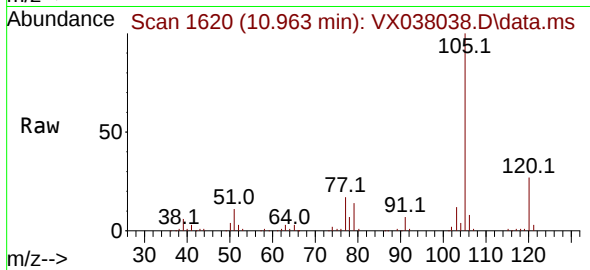
#73
Isopropylbenzene
Concen: 4.966 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 4161
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

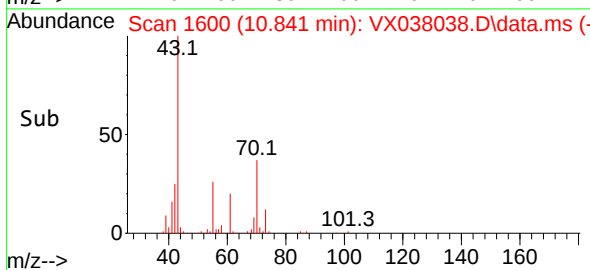
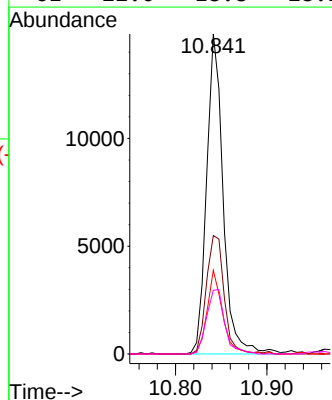
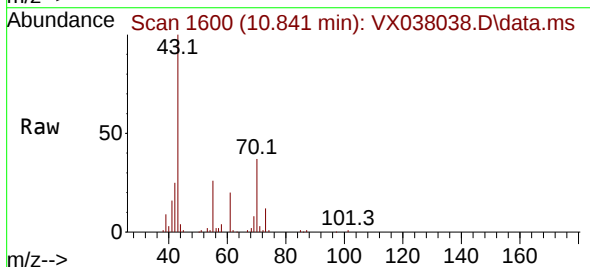
Manual Integrations
APPROVED

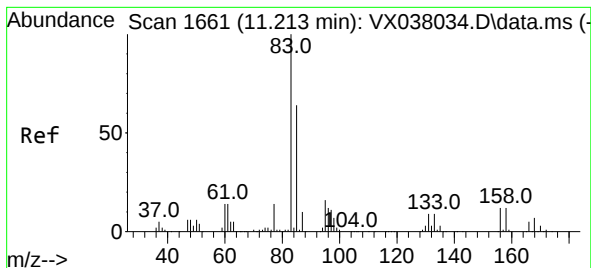
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#74
N-ethyl acetate
Concen: 4.915 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 43 Resp: 18663
Ion Ratio Lower Upper
43 100
70 39.3 32.9 49.3
55 24.3 19.3 28.9
61 22.0 18.8 28.2





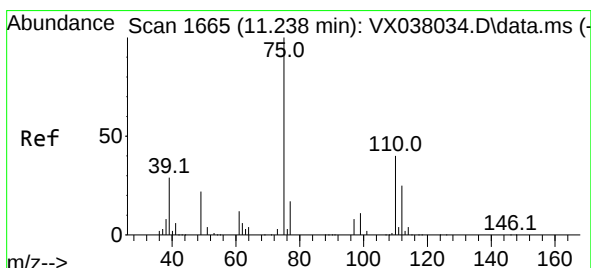
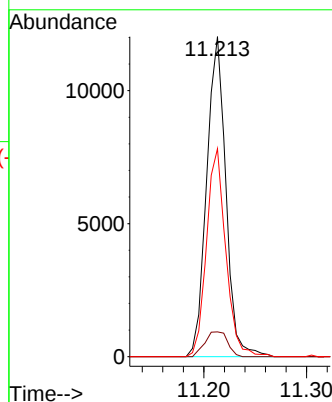
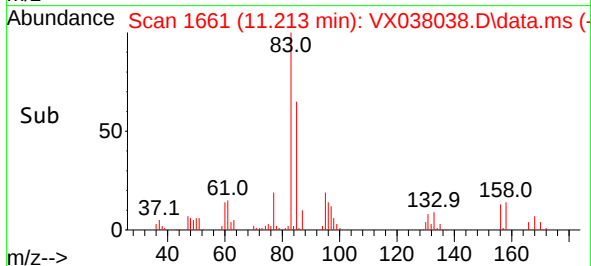
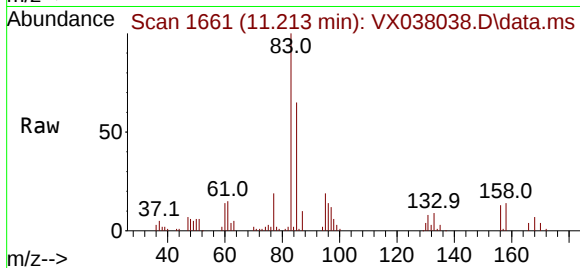
#75
1,1,2,2-Tetrachloroethane
Concen: 5.016 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15609
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 65.4 32.0 96.2

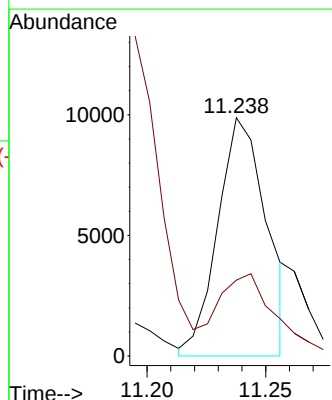
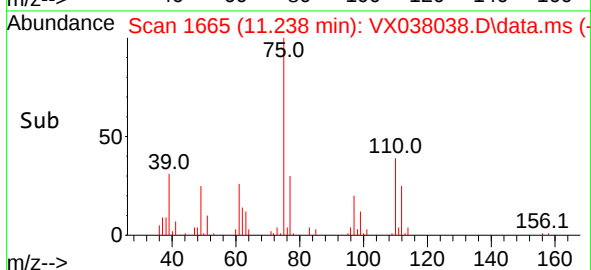
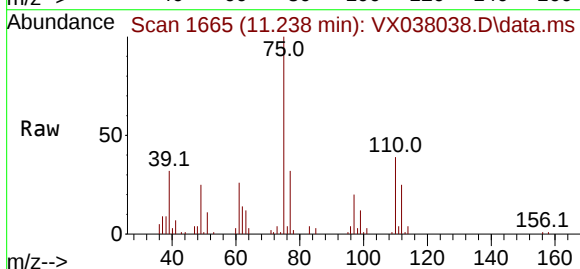
Manual Integrations
APPROVED

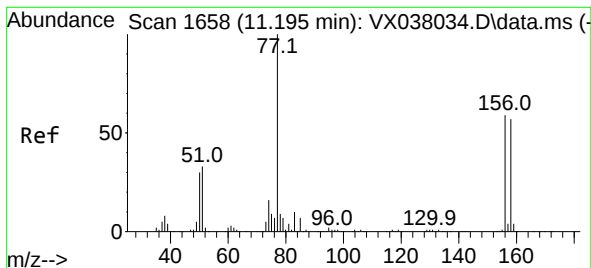
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#76
1,2,3-Trichloropropane
Concen: 5.178 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 75 Resp: 14090
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 5.122 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:156 Resp: 1050

Ion Ratio Lower Upper

156 100

77 164.5 88.4 265.3

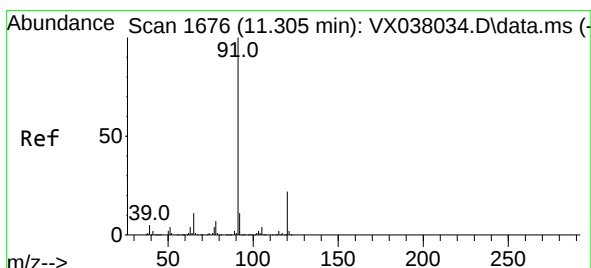
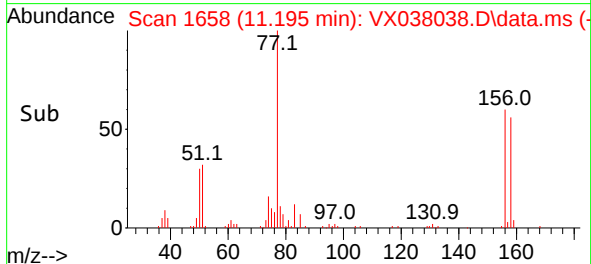
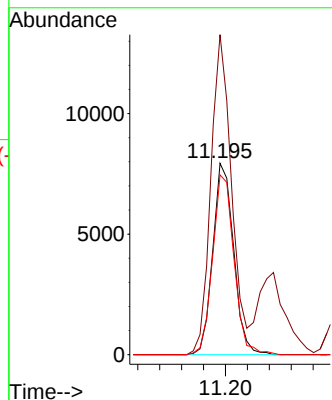
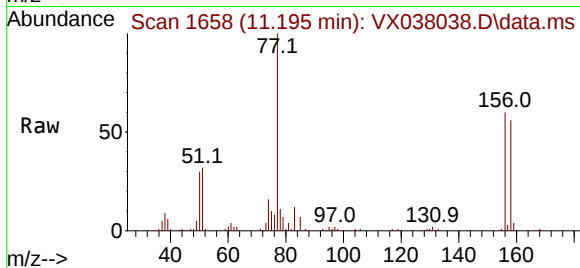
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#78

n-propylbenzene

Concen: 5.091 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038038.D

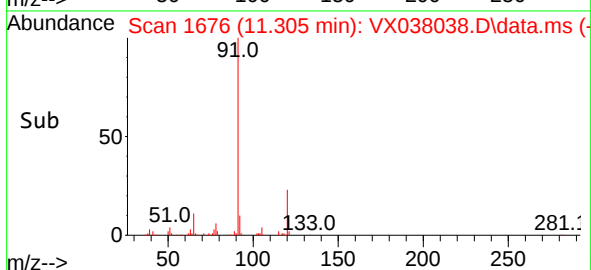
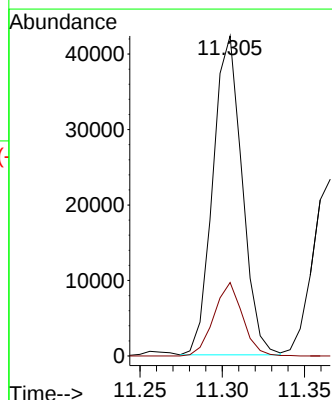
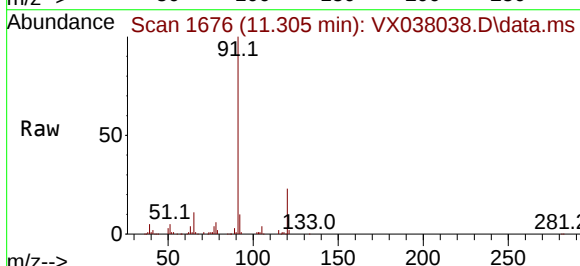
Acq: 03 Oct 2023 14:53

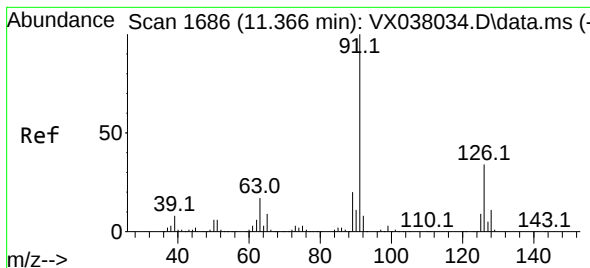
Tgt Ion: 91 Resp: 52295

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





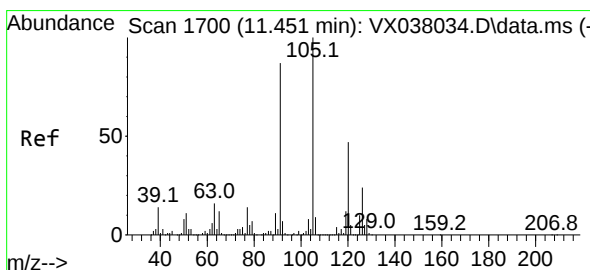
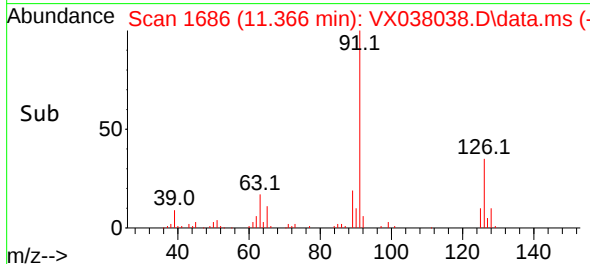
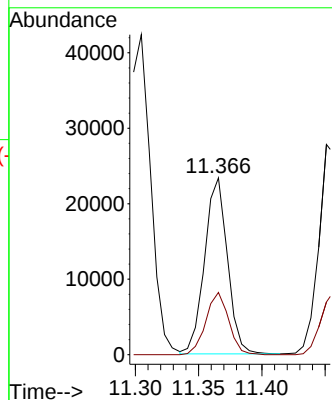
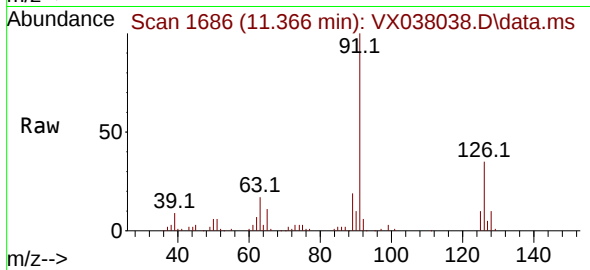
#79
2-Chlorotoluene
Concen: 4.908 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 29297
Ion Ratio Lower Upper
91 100
126 35.4 16.3 48.8

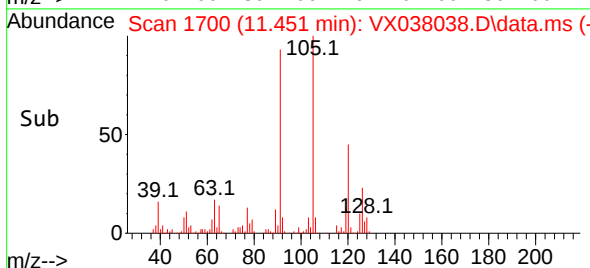
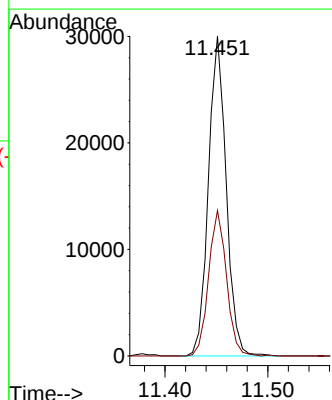
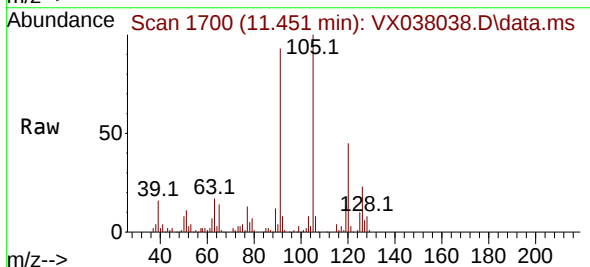
Manual Integrations
APPROVED

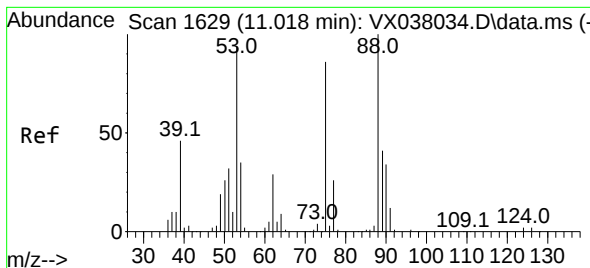
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.021 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

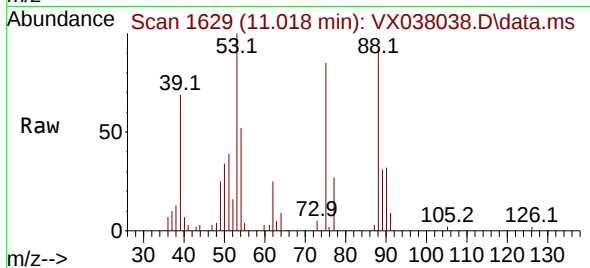
Tgt Ion:105 Resp: 36006
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.047 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

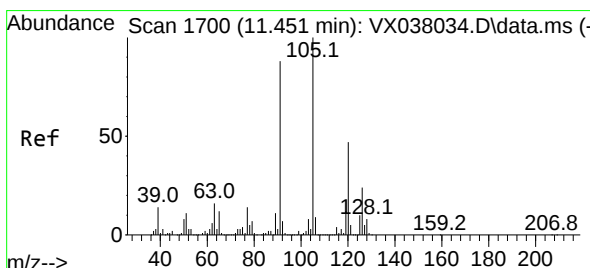
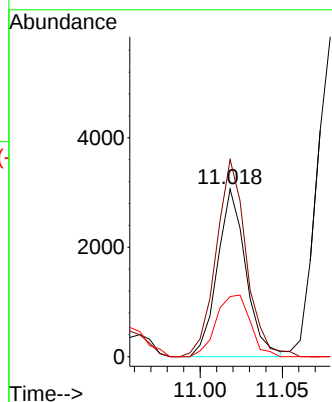
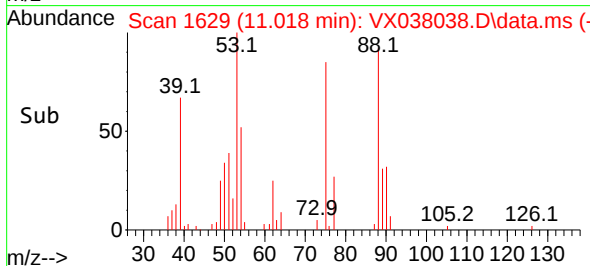
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3680
Ion Ratio Lower Upper
75 100
53 124.2 90.5 135.7
89 43.8 36.9 55.3

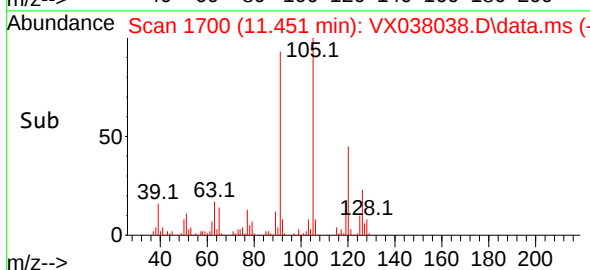
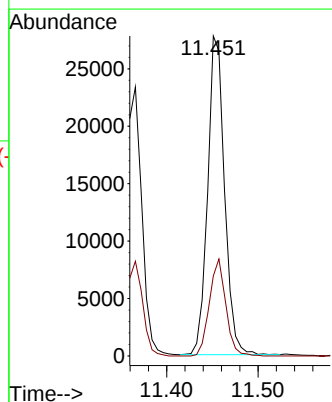
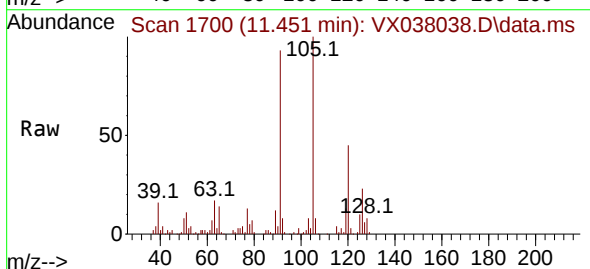
Manual Integrations
APPROVED

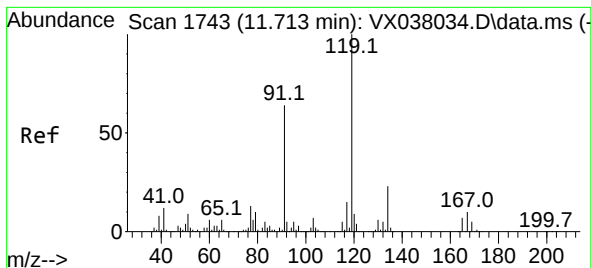
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#82
4-Chlorotoluene
Concen: 4.928 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 91 Resp: 35479
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.747 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:119 Resp: 33904

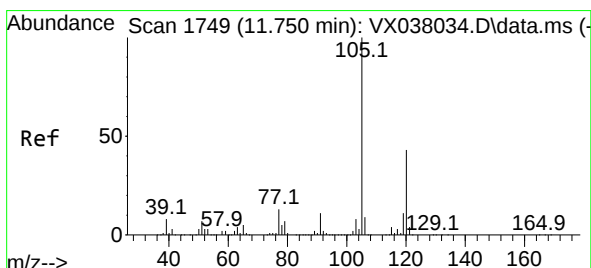
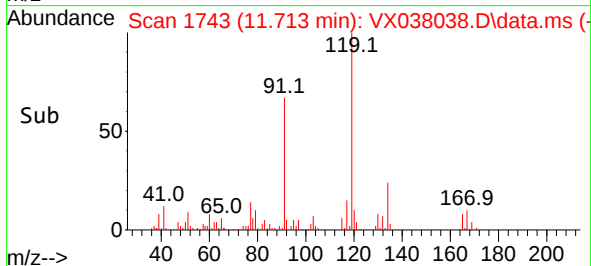
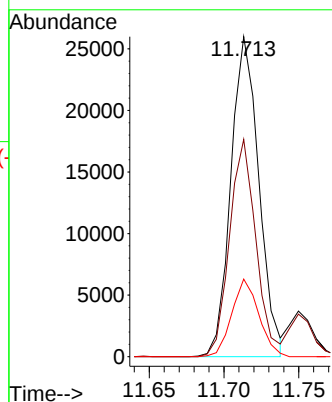
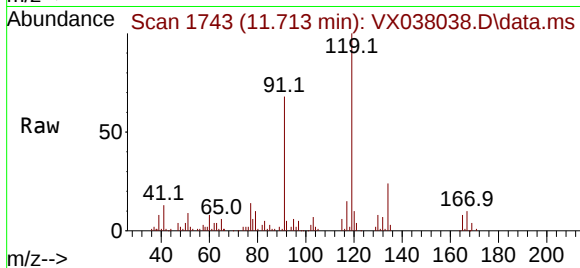
Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.2	93.6
134	23.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 5.021 ug/l

RT: 11.750 min Scan# 1749

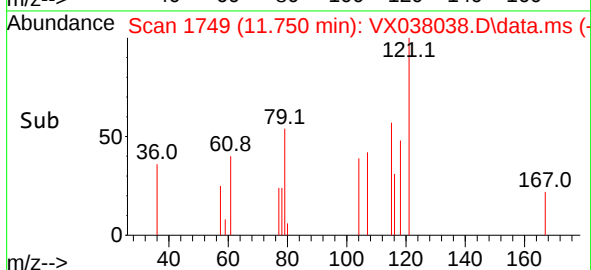
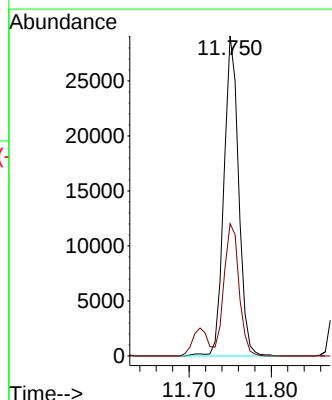
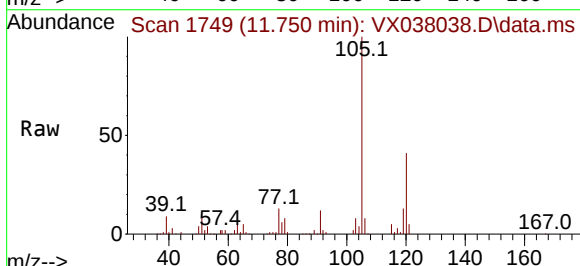
Delta R.T. -0.000 min

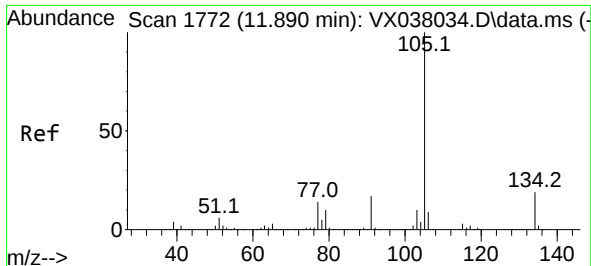
Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Tgt Ion:105 Resp: 36230

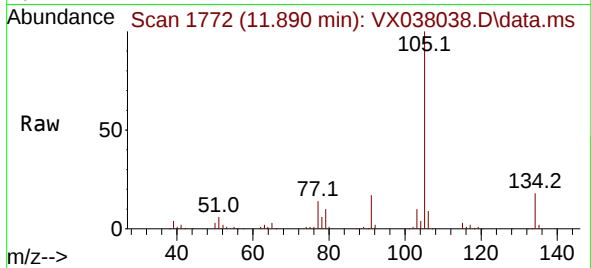
Ion	Ratio	Lower	Upper
105	100		
120	41.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.957 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038038.D
 Acq: 03 Oct 2023 14:53

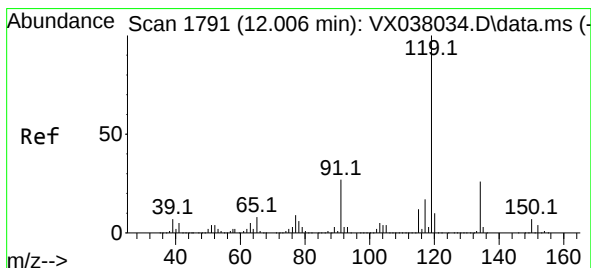
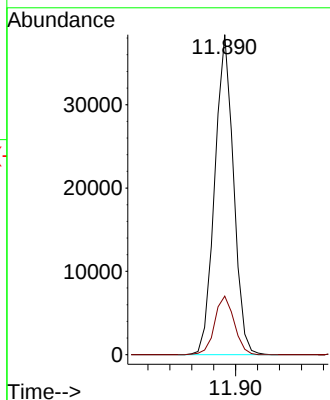
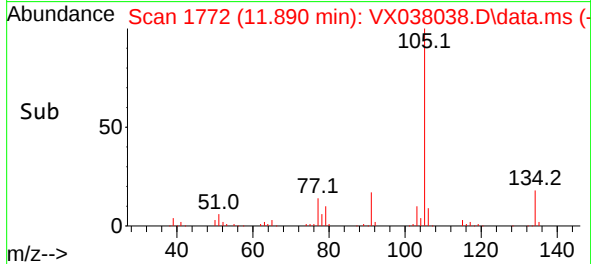
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005



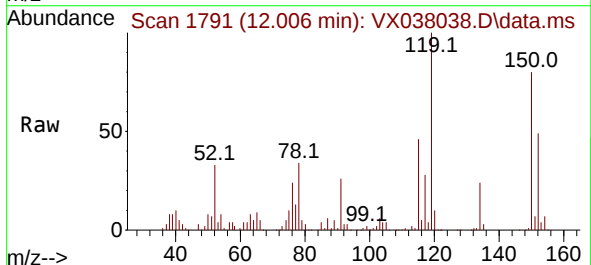
Tgt Ion:105 Resp: 4563
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

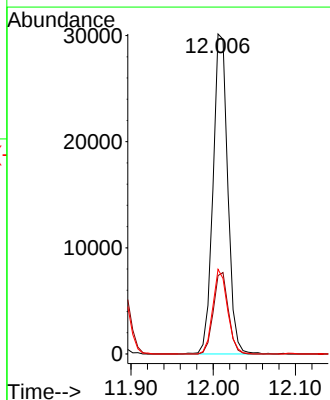
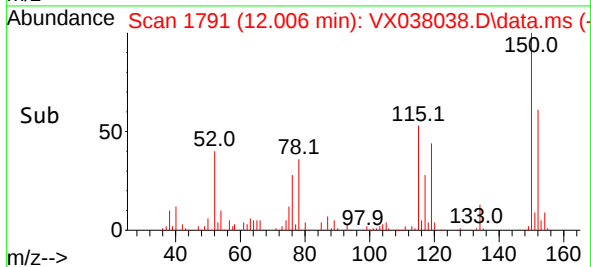
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

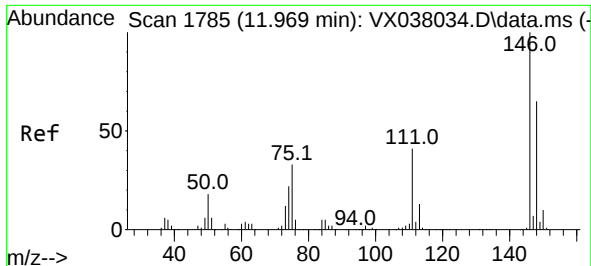


#86
 p-Isopropyltoluene
 Concen: 4.939 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038038.D
 Acq: 03 Oct 2023 14:53



Tgt Ion:119 Resp: 37363
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.071 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

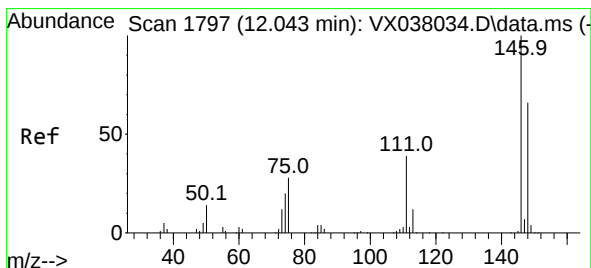
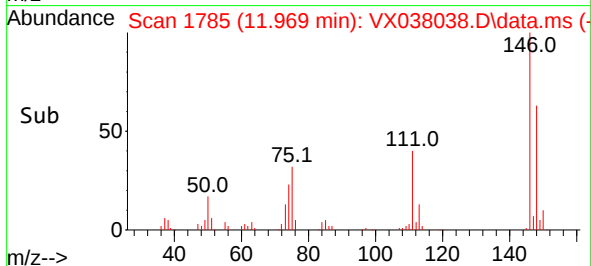
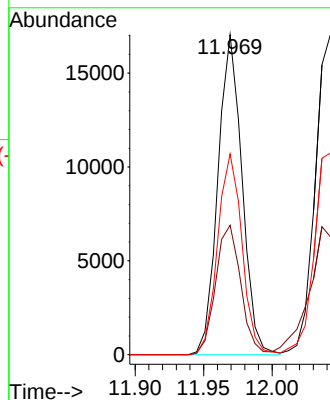
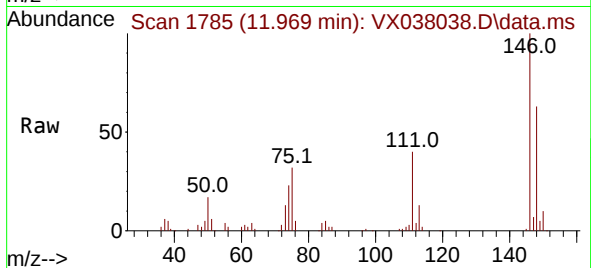
Tgt Ion:146 Resp: 20834
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.1
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#88

1,4-Dichlorobenzene

Concen: 5.170 ug/l

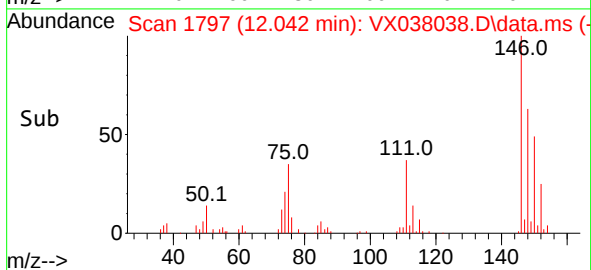
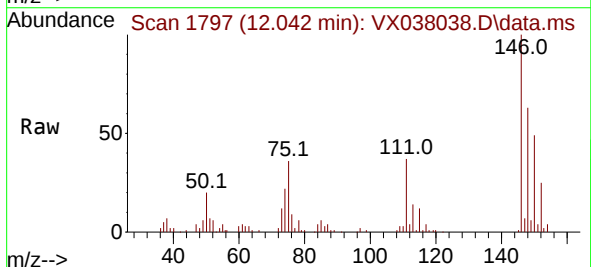
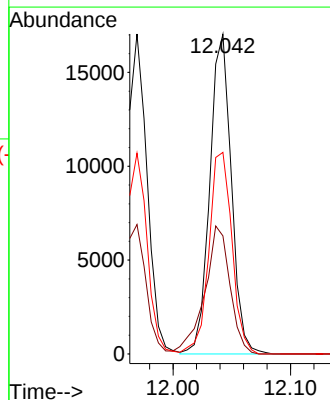
RT: 12.042 min Scan# 1797

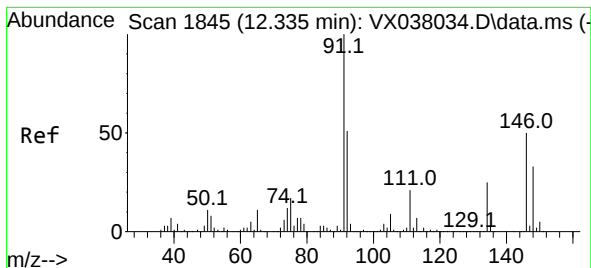
Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Tgt Ion:146 Resp: 21701
Ion Ratio Lower Upper
146 100
111 47.2 21.3 63.7
148 67.4 31.8 95.4





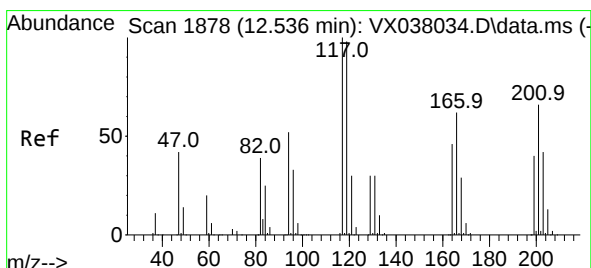
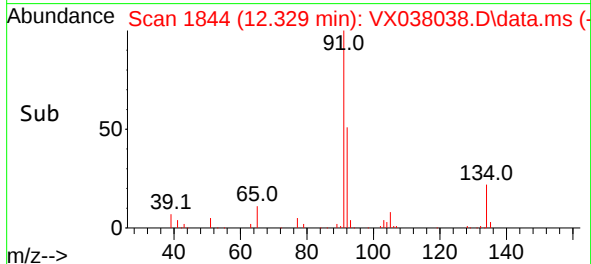
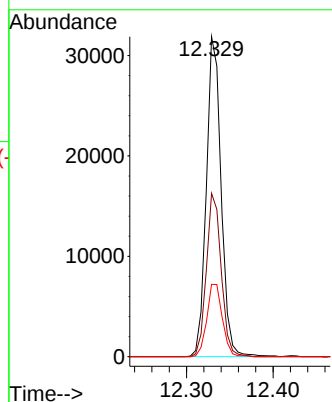
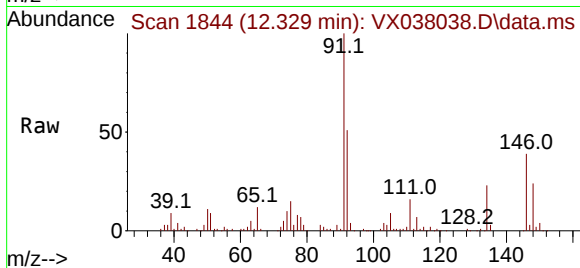
#89
n-Butylbenzene
Concen: 4.991 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3783
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.8 12.6 37.8

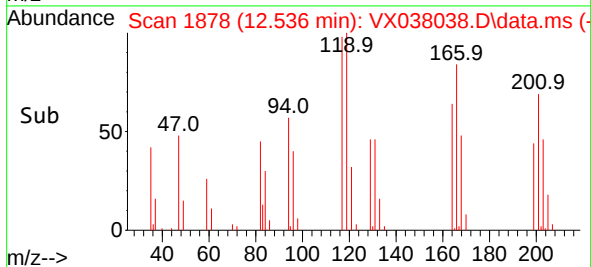
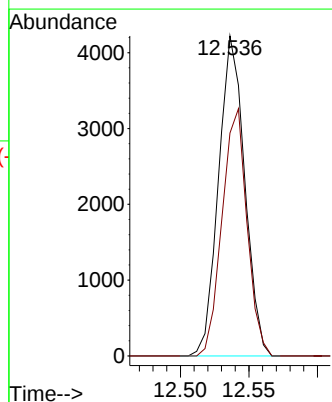
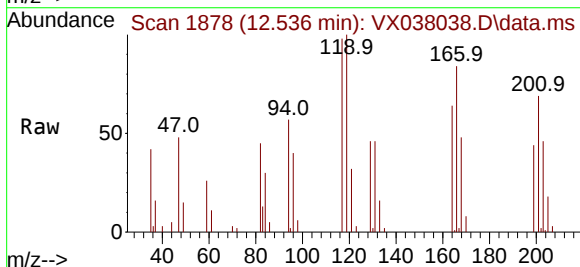
Manual Integrations
APPROVED

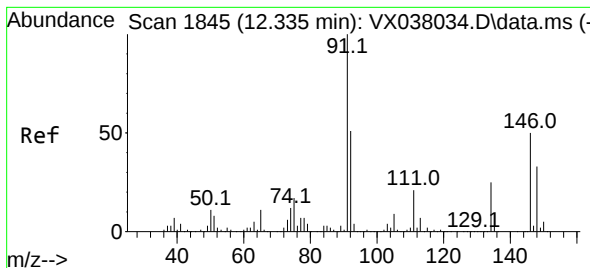
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#90
Hexachloroethane
Concen: 4.400 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

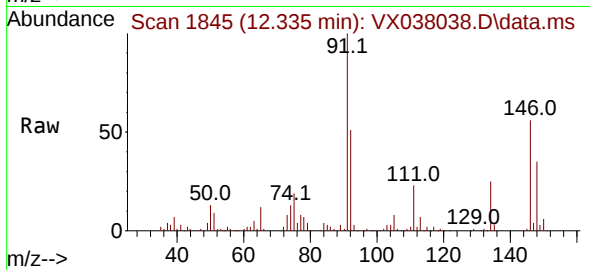
Tgt Ion:117 Resp: 5599
Ion Ratio Lower Upper
117 100
201 73.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.135 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

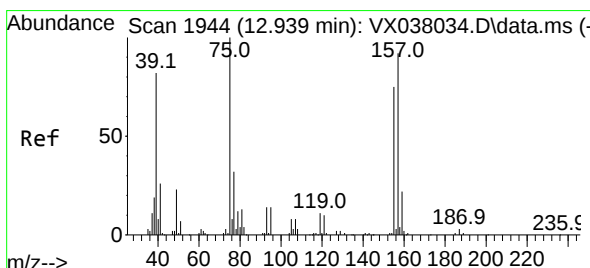
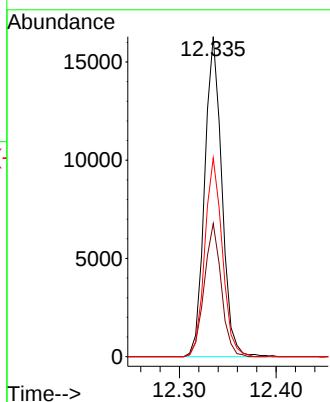
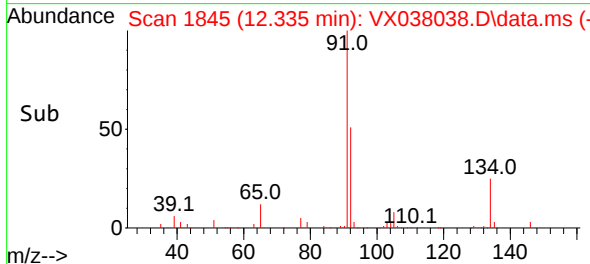
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



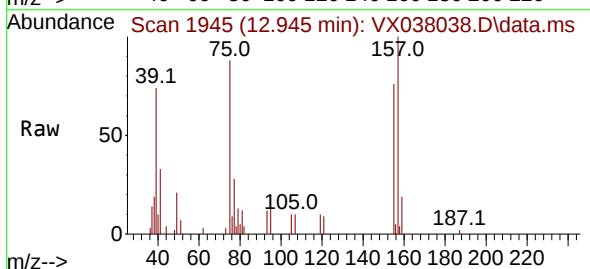
Tgt Ion:146 Resp: 2014
Ion Ratio Lower Upper
146 100
111 41.2 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
APPROVED

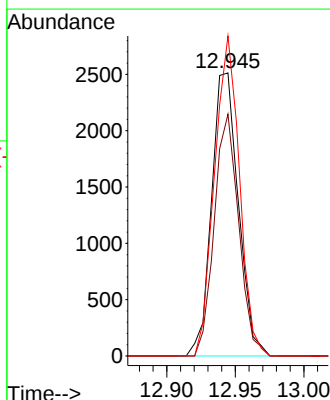
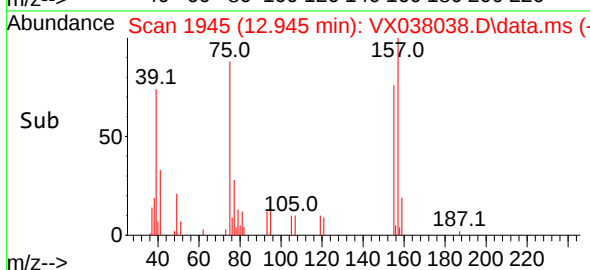
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

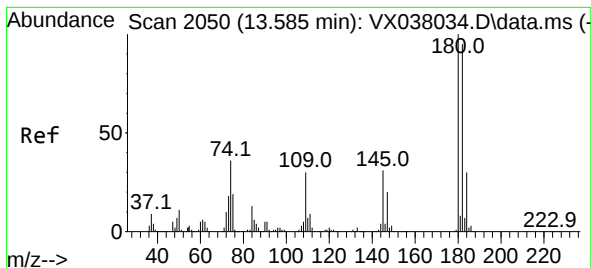


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.651 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53



Tgt Ion: 75 Resp: 3413
Ion Ratio Lower Upper
75 100
155 78.1 36.1 108.5
157 105.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 5.193 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

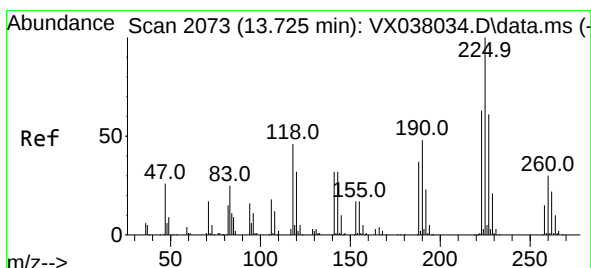
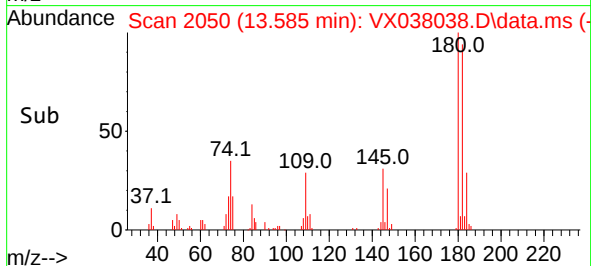
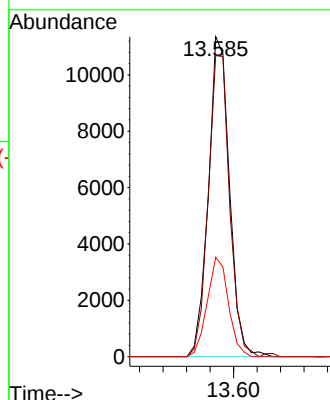
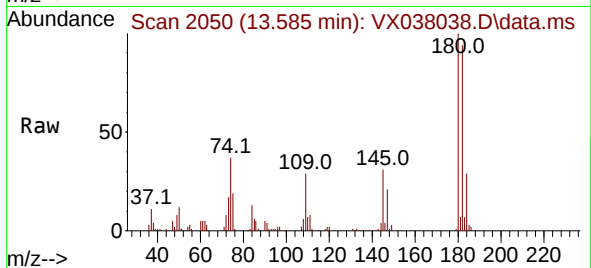
Tgt Ion:180	Resp:	1410
Ion Ratio	Lower	Upper
180	100	
182	95.5	48.3 144.8
145	31.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#94

Hexachlorobutadiene

Concen: 5.226 ug/l

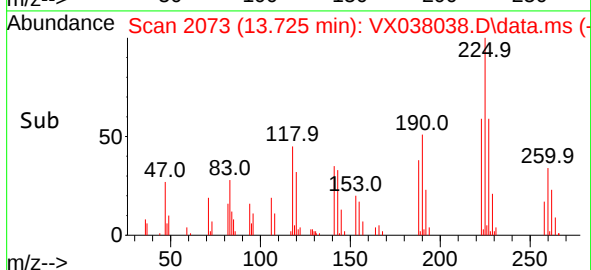
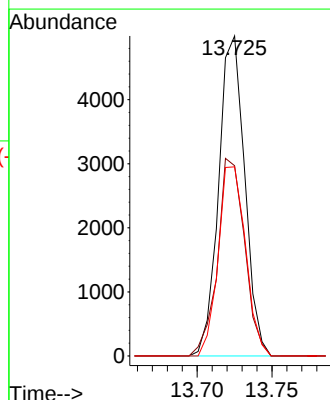
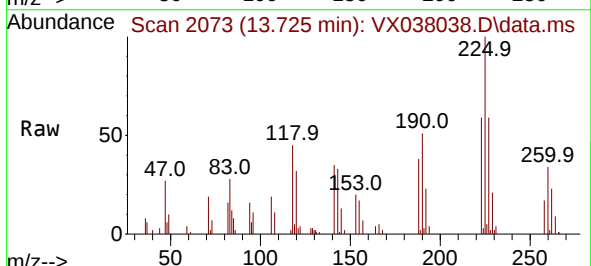
RT: 13.725 min Scan# 2073

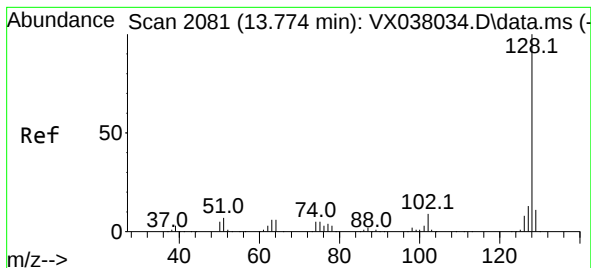
Delta R.T. -0.000 min

Lab File: VX038038.D

Acq: 03 Oct 2023 14:53

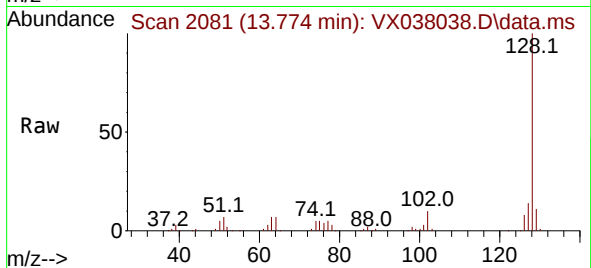
Tgt Ion:225	Resp:	6057
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.1 93.2
227	61.9	32.5 97.5





#95
Naphthalene
Concen: 4.825 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53

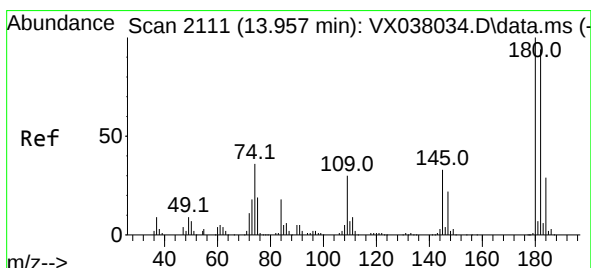
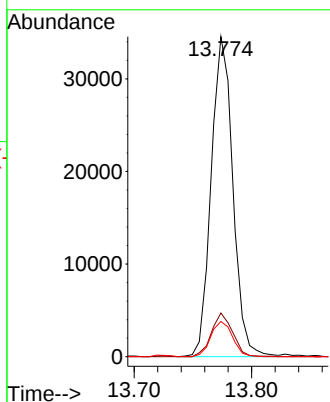
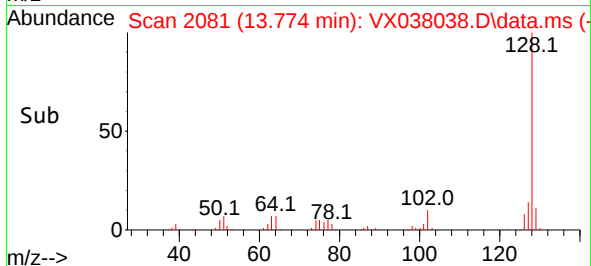
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



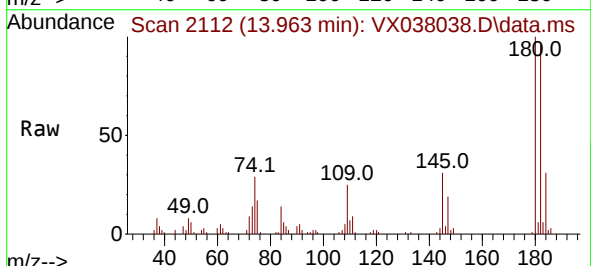
Tgt Ion:128 Resp: 44390
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.966 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038038.D
Acq: 03 Oct 2023 14:53



Tgt Ion:180 Resp: 13040
Ion Ratio Lower Upper
180 100
182 99.5 46.9 140.6
145 33.0 17.8 53.5

