

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038032.D
 Acq On : 03 Oct 2023 11:27
 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 05:25:32 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	134802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11639	5.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.720%#		
35) Dibromofluoromethane	5.385	113	8545	5.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	8.647	98	32424	5.050	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	11.085	95	11909	5.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.100%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	6884	4.967	ug/l	94
3) Chloromethane	1.295	50	11492	6.598	ug/l	94
4) Vinyl Chloride	1.374	62	8825	5.589	ug/l	98
5) Bromomethane	1.599	94	10736	4.965	ug/l	100
6) Chloroethane	1.685	64	7295	6.009	ug/l	92
7) Trichlorofluoromethane	1.886	101	15318	4.898	ug/l	97
8) Diethyl Ether	2.130	74	5820	5.082	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	6975	5.077	ug/l	98
10) Methyl Iodide	2.453	142	5989	3.817	ug/l	94
11) Tert butyl alcohol	2.965	59	11853	23.860	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	7015	5.414	ug/l #	72
13) Acrolein	2.233	56	6107	21.719	ug/l	94
14) Allyl chloride	2.666	41	12344	5.349	ug/l	97
15) Acrylonitrile	3.063	53	26093	26.357	ug/l	99
16) Acetone	2.380	43	23343	25.583	ug/l	91
17) Carbon Disulfide	2.508	76	18273	4.918	ug/l	97
18) Methyl Acetate	2.703	43	20953	5.245	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	26121	5.205	ug/l	98
20) Methylene Chloride	2.788	84	9421	4.891	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	8032	5.145	ug/l	90
22) Diisopropyl ether	3.764	45	25086	5.220	ug/l #	97
23) Vinyl Acetate	3.721	43	88648	25.545	ug/l	99
24) 1,1-Dichloroethane	3.611	63	15087	5.209	ug/l	97
25) 2-Butanone	4.562	43	37615	25.811	ug/l	99
26) 2,2-Dichloropropane	4.477	77	11731	5.121	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	9496	5.240	ug/l	93
28) Bromochloromethane	4.891	49	7049	5.189	ug/l #	92
29) Tetrahydrofuran	5.007	42	23491	24.798	ug/l	91
30) Chloroform	5.093	83	16264	5.122	ug/l	94
31) Cyclohexane	5.471	56	12065	4.908	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	12785	4.775	ug/l	93
36) 1,1-Dichloropropene	5.690	75	11828	4.974	ug/l	99
37) Ethyl Acetate	4.715	43	13781	5.116	ug/l	99
38) Carbon Tetrachloride	5.678	117	10989	4.674	ug/l	94
39) Methylcyclohexane	7.385	83	13937	4.925	ug/l	88
40) Benzene	6.038	78	34354	5.107	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6954	5.101	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	13769	5.230	ug/l	97
43) Isopropyl Acetate	6.342	43	21473	5.109	ug/l	97
44) Trichloroethene	7.129	130	8767	4.835	ug/l	98
45) 1,2-Dichloropropane	7.434	63	8921	5.206	ug/l #	85
46) Dibromomethane	7.580	93	6507	4.893	ug/l	95
47) Bromodichloromethane	7.824	83	11411	4.867	ug/l	95
48) Methyl methacrylate	7.696	41	9942	4.932	ug/l	86
49) 1,4-Dioxane	7.665	88	4380	98.298	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	73443	25.601	ug/l	99
52) Toluene	8.720	92	21517	4.909	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	11506	4.544	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	12736	4.793	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	8902	5.017	ug/l	97
56) Ethyl methacrylate	9.116	69	13372	4.899	ug/l	92
57) 1,3-Dichloropropane	9.311	76	14924	5.026	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	34537	26.172	ug/l	98
59) 2-Hexanone	9.433	43	57690	25.111	ug/l	99
60) Dibromochloromethane	9.519	129	8114	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9565	4.932	ug/l	98
64) Tetrachloroethene	9.275	164	7473	5.034	ug/l	94
65) Chlorobenzene	10.080	112	23850	5.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	7790	4.877	ug/l	99
67) Ethyl Benzene	10.195	91	42239	5.021	ug/l	98
68) m/p-Xylenes	10.299	106	31598	9.758	ug/l	99
69) o-Xylene	10.640	106	15355	4.969	ug/l	97
70) Styrene	10.659	104	24991	4.871	ug/l	99
71) Bromoform	10.799	173	5460	4.360	ug/l #	96
73) Isopropylbenzene	10.964	105	39994	5.066	ug/l	98
74) N-amyl acetate	10.842	43	17565	4.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	15886	5.419	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	13740m	5.360	ug/l	
77) Bromobenzene	11.201	156	9913	5.131	ug/l	94
78) n-propylbenzene	11.305	91	47747	4.934	ug/l	99
79) 2-Chlorotoluene	11.366	91	28956	5.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	34344	5.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3439	4.008	ug/l	97
82) 4-Chlorotoluene	11.457	91	34231	5.047	ug/l	96
83) tert-Butylbenzene	11.713	119	33597	4.993	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	35302	5.193	ug/l	100
85) sec-Butylbenzene	11.890	105	44261	5.104	ug/l	99
86) p-Isopropyltoluene	12.012	119	35737	5.015	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	19353	5.000	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	20163	5.099	ug/l	94
89) n-Butylbenzene	12.329	91	35608	4.986	ug/l	94
90) Hexachloroethane	12.536	117	5475	4.567	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	19398	5.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3241	4.689	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	12704	4.966	ug/l	95
94) Hexachlorobutadiene	13.725	225	5428	4.972	ug/l	99
95) Naphthalene	13.774	128	42862	4.945	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12567	5.080	ug/l	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Oct 04 05:22:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

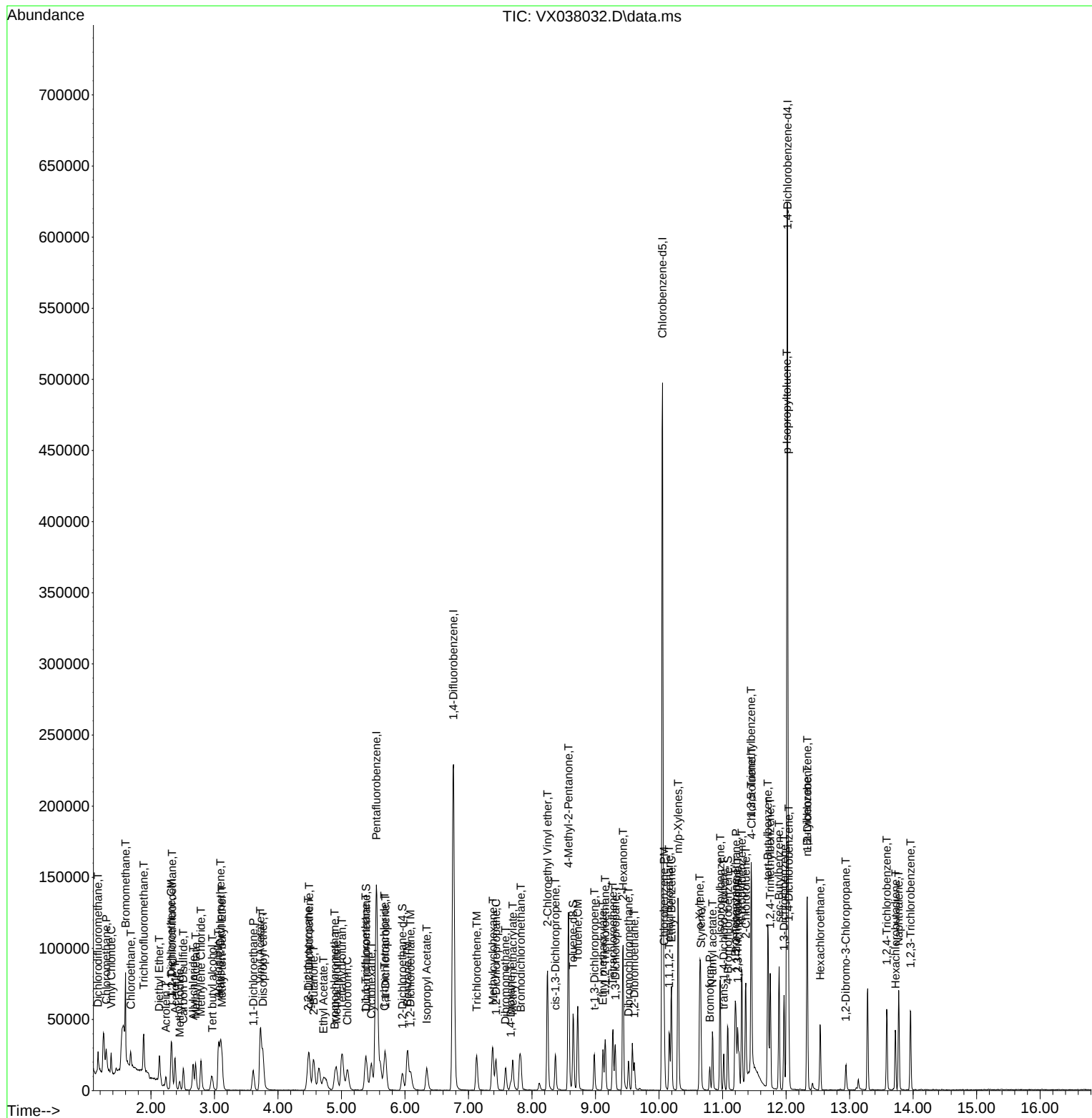
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Sample : VSTDIC005
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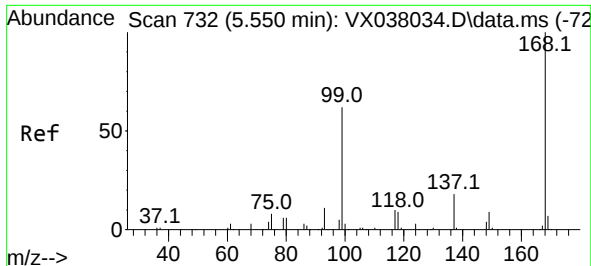
Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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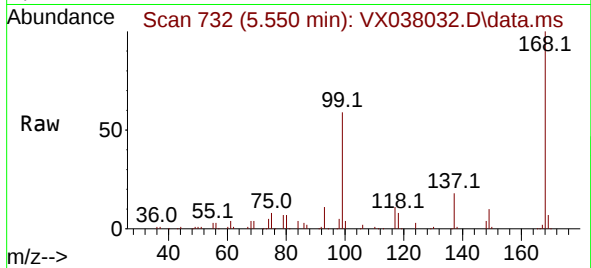
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

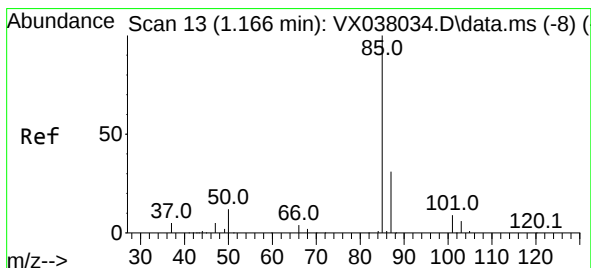
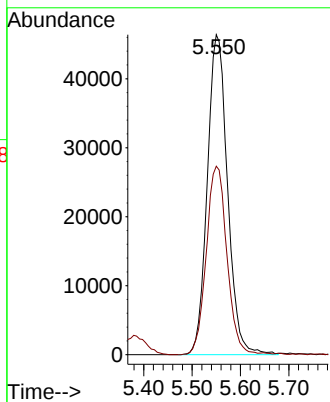
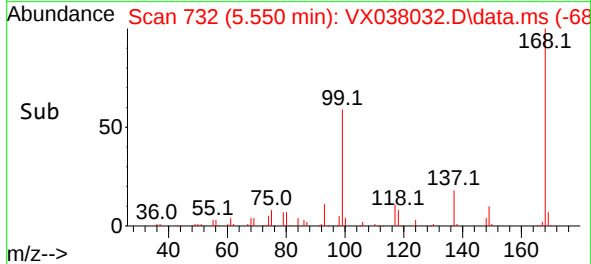
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 13480
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0

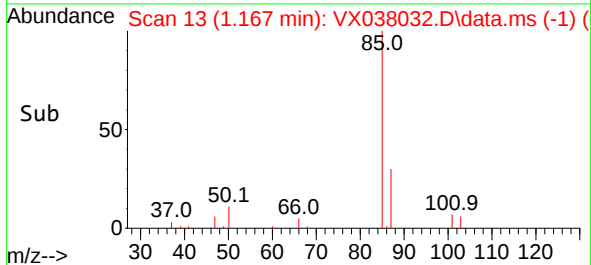
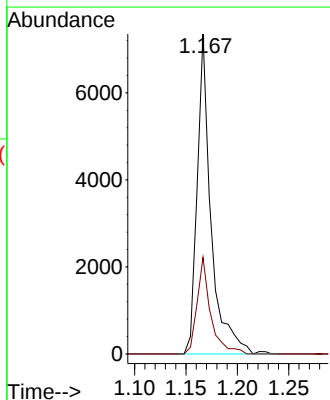
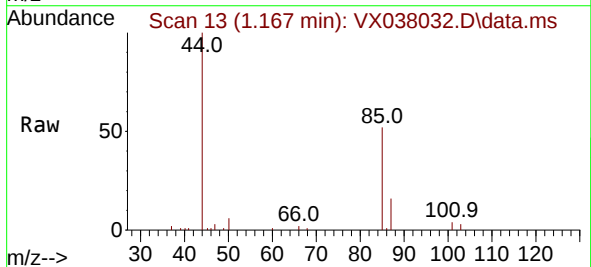
Manual Integrations
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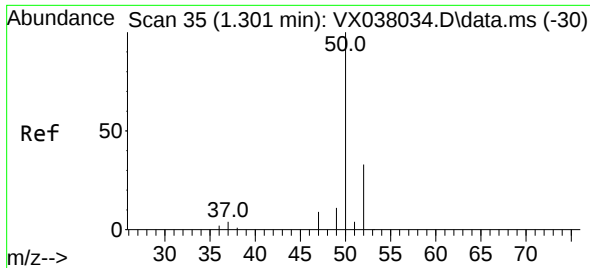
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#2
Dichlorodifluoromethane
Concen: 4.967 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion: 85 Resp: 6884
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.1





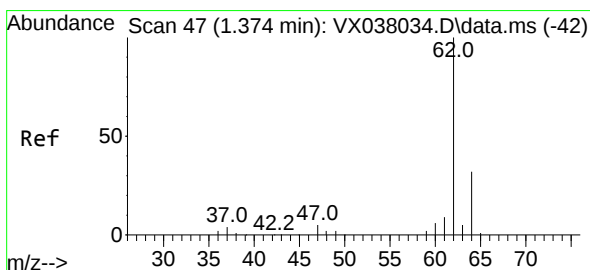
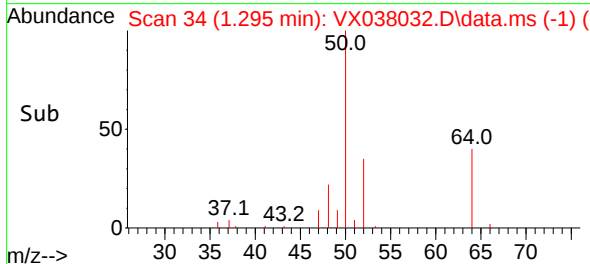
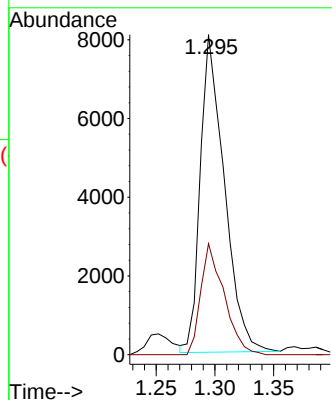
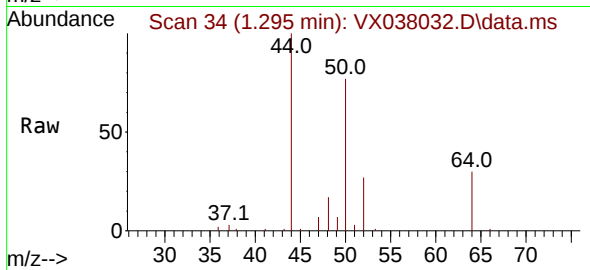
#3
Chloromethane
Concen: 6.598 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

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Tgt Ion: 50 Resp: 1149
Ion Ratio Lower Upper
50 100
52 35.1 25.5 38.3

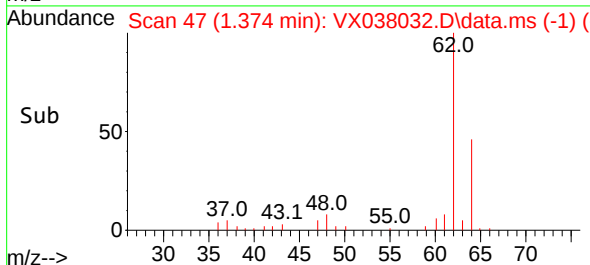
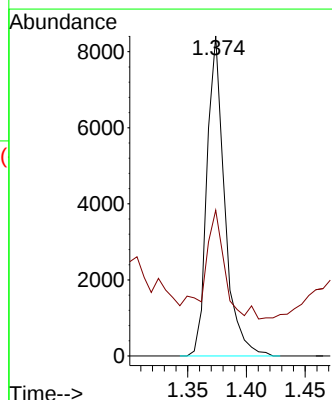
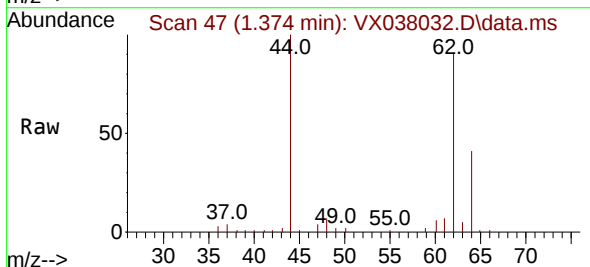
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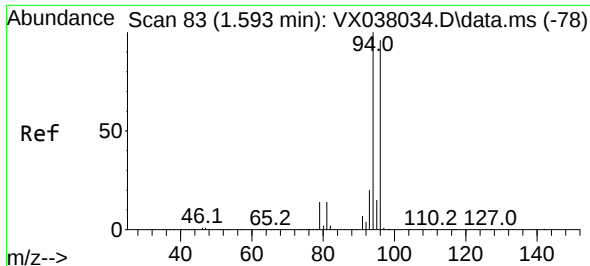
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#4
Vinyl Chloride
Concen: 5.589 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

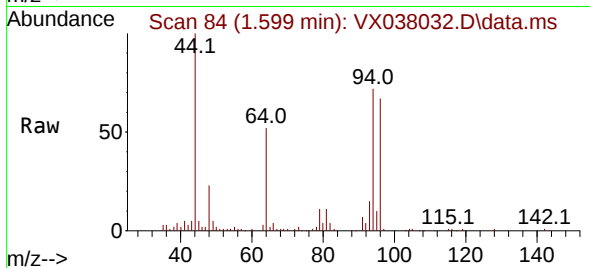
Tgt Ion: 62 Resp: 8825
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 4.965 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

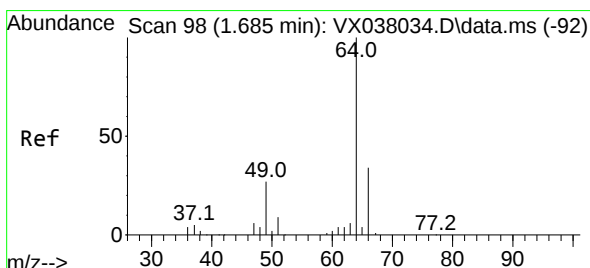
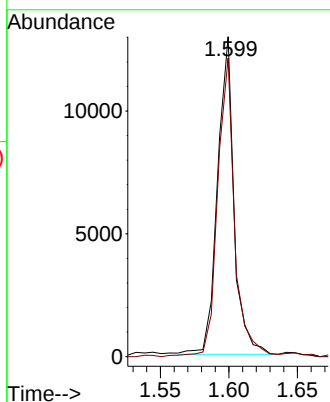
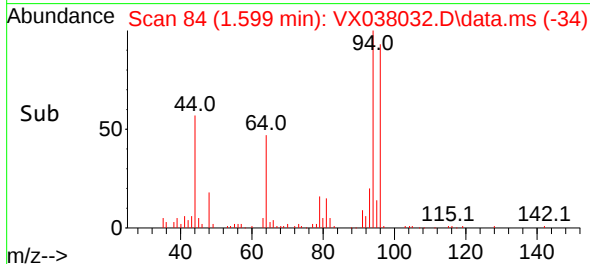
Instrument :
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Tgt Ion: 94 Resp: 10730
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

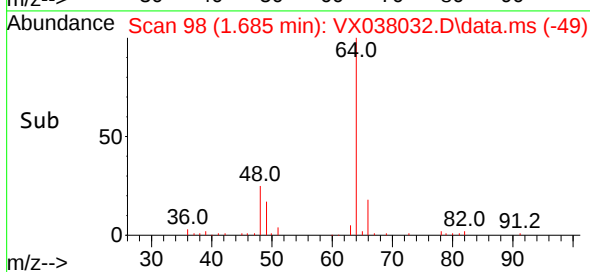
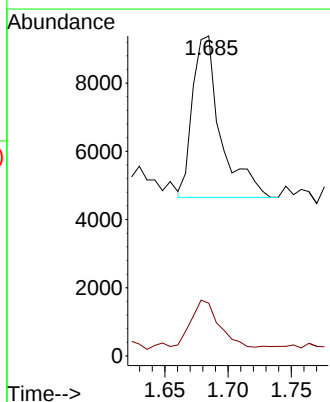
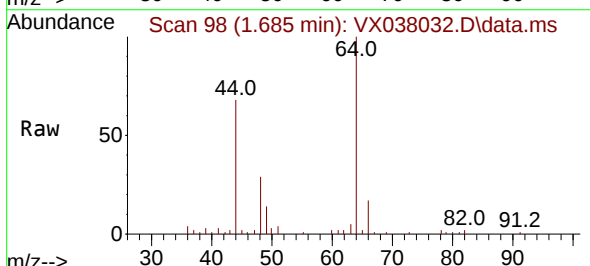
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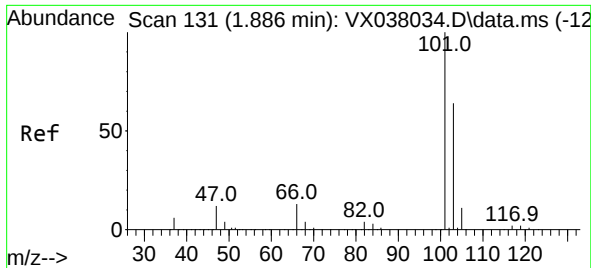
Reviewed By :John Carlone 10/04/2023
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#6
Chloroethane
Concen: 6.009 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

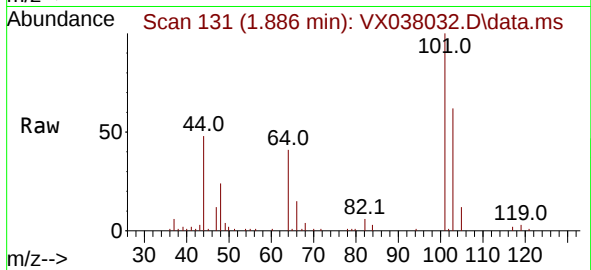
Tgt Ion: 64 Resp: 7295
Ion Ratio Lower Upper
64 100
66 26.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 4.898 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27

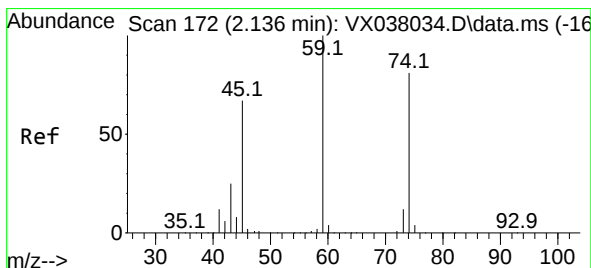
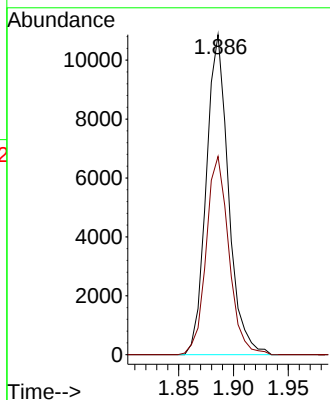
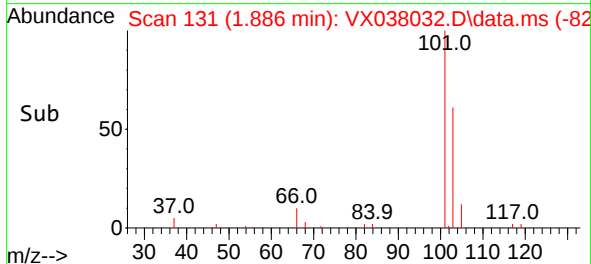
Instrument :
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 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 15318
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.2

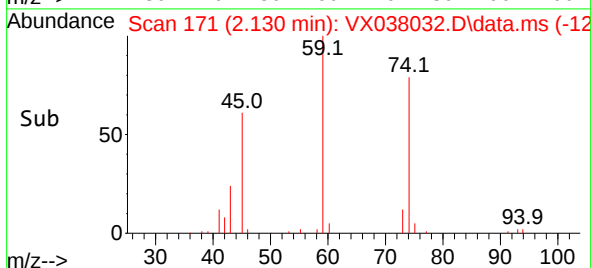
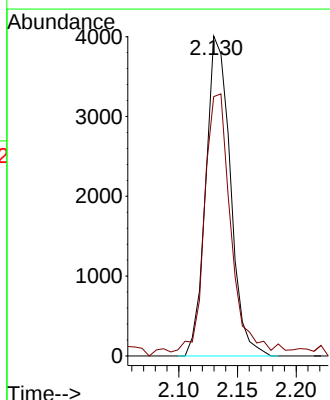
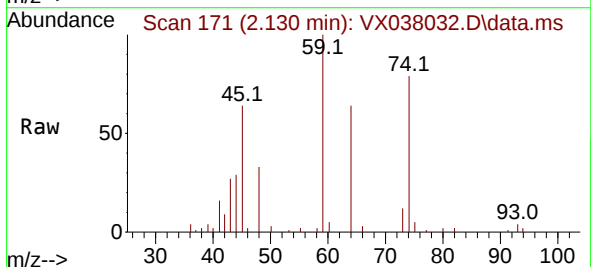
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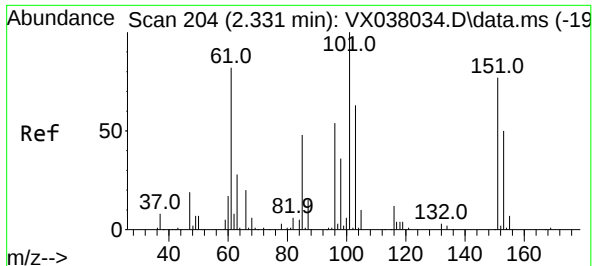
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#8
 Diethyl Ether
 Concen: 5.082 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27

Tgt Ion: 74 Resp: 5820
 Ion Ratio Lower Upper
 74 100
 45 92.1 53.3 159.8





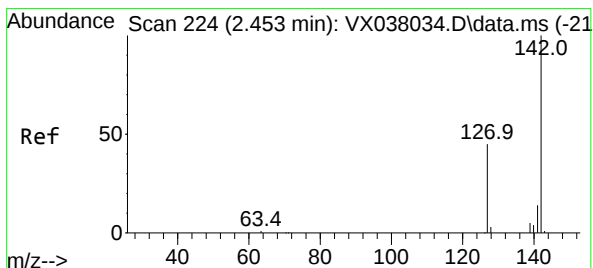
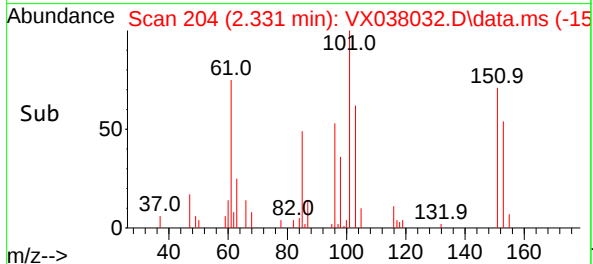
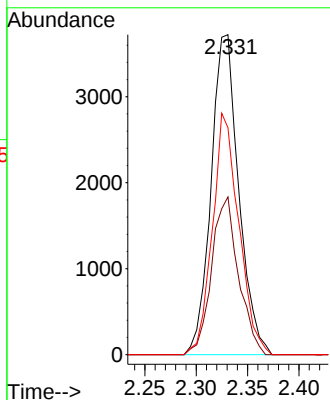
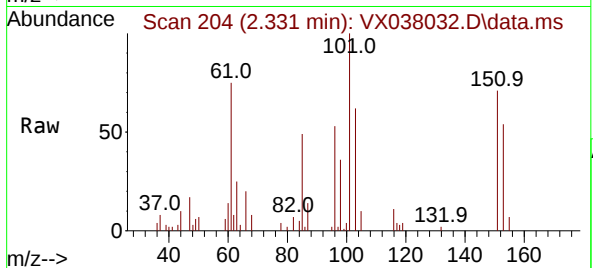
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.077 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 697
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 72.0 58.6 87.8

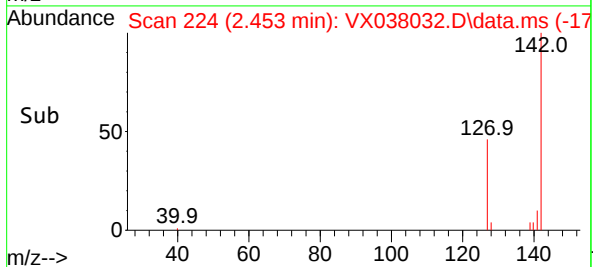
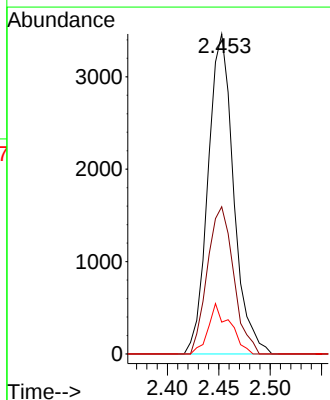
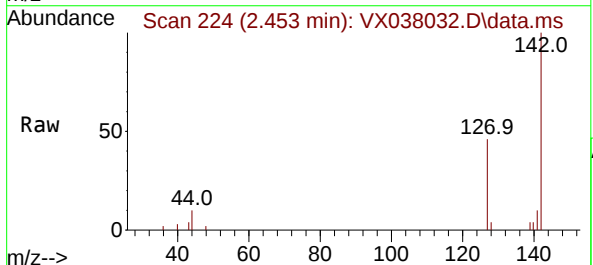
Manual Integrations
APPROVED

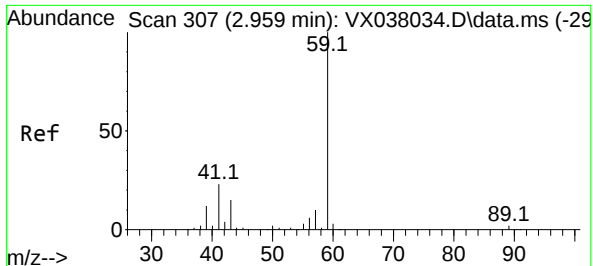
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#10
Methyl Iodide
Concen: 3.817 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion:142 Resp: 5989
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 13.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 23.860 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 1185

Ion Ratio Lower Upper

59 100

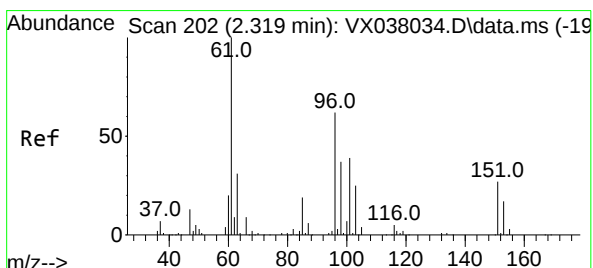
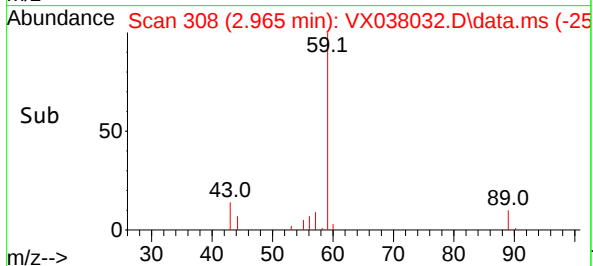
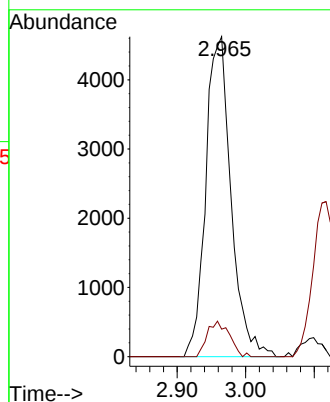
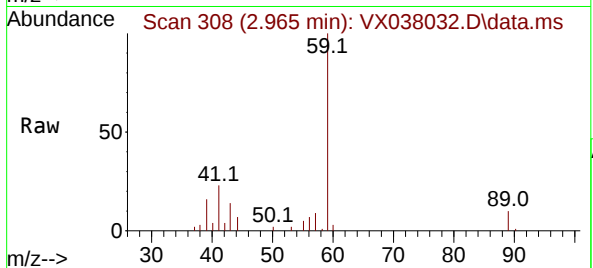
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#12

1,1-Dichloroethene

Concen: 5.414 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

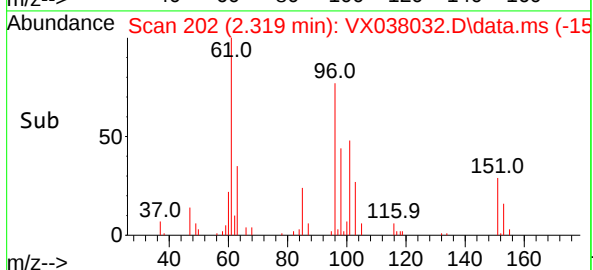
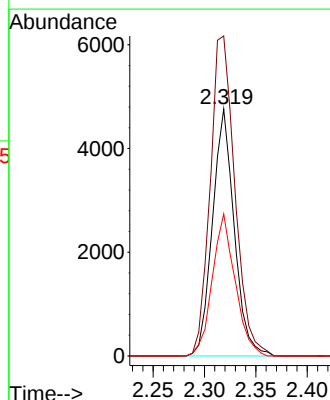
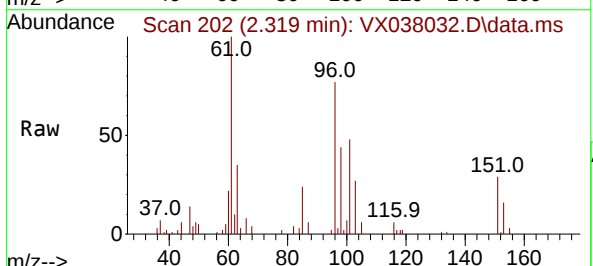
Tgt Ion: 96 Resp: 7015

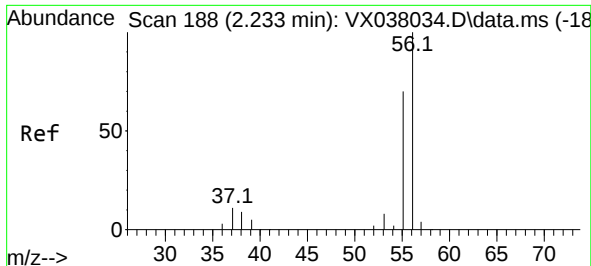
Ion Ratio Lower Upper

96 100

61 129.6 144.6 216.8

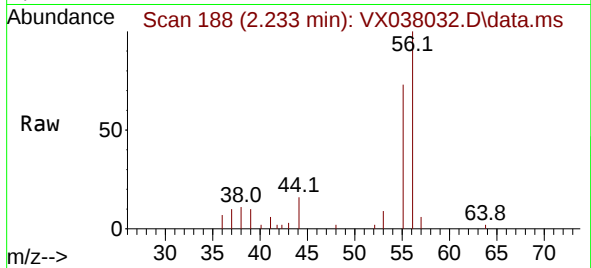
98 57.6 50.4 75.6





#13
Acrolein
Concen: 21.719 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

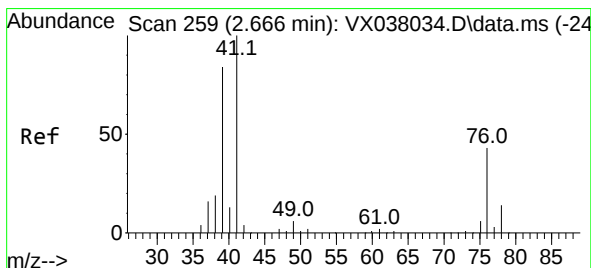
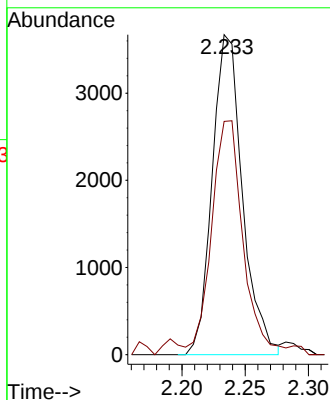
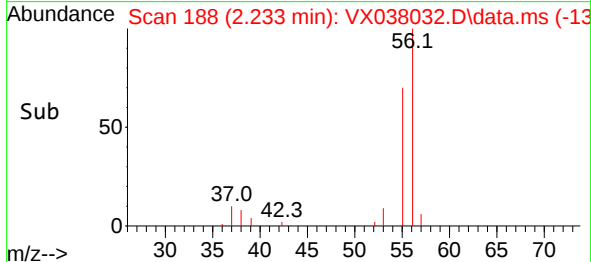
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 610
Ion Ratio Lower Upper
56 100
55 76.7 57.1 85.7

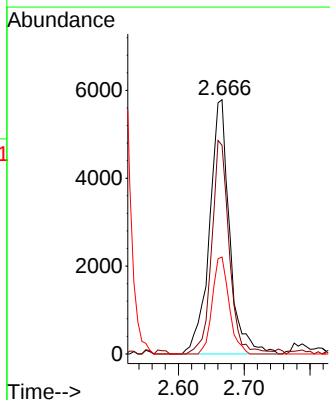
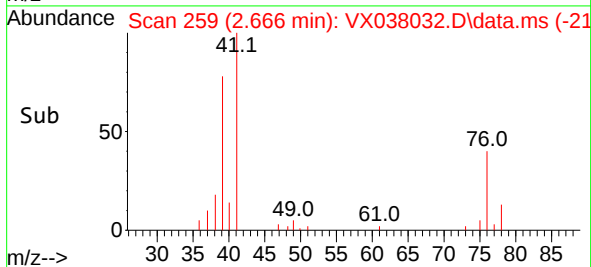
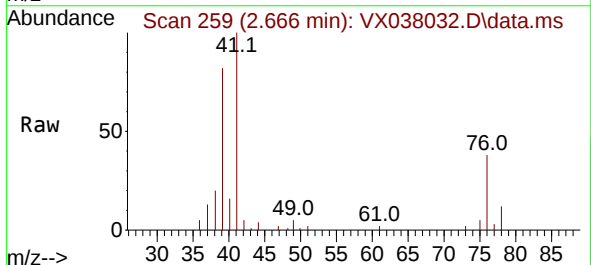
Manual Integrations
APPROVED

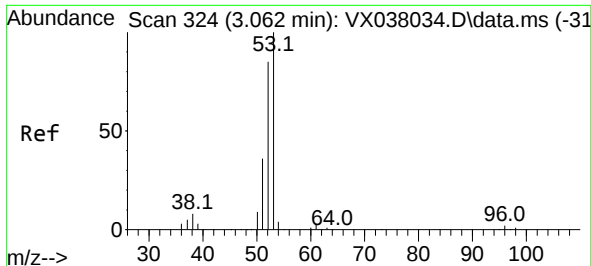
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#14
Allyl chloride
Concen: 5.349 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

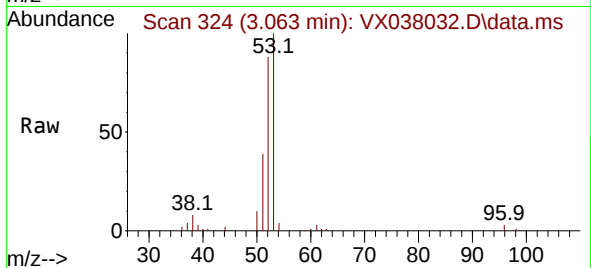
Tgt Ion: 41 Resp: 12344
Ion Ratio Lower Upper
41 100
39 72.7 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 26.357 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

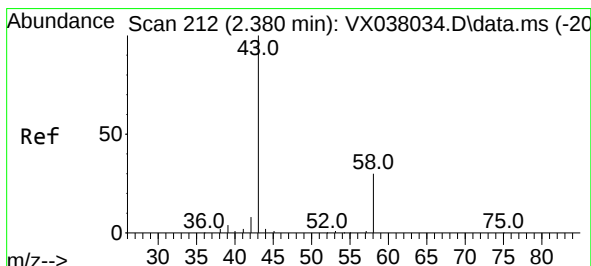
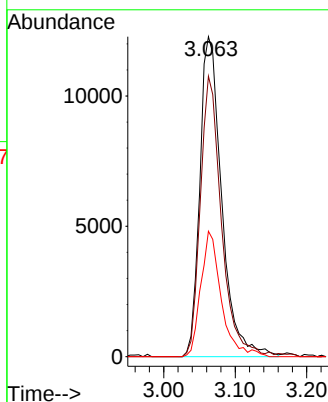
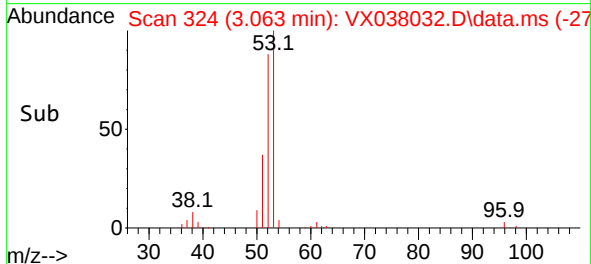
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



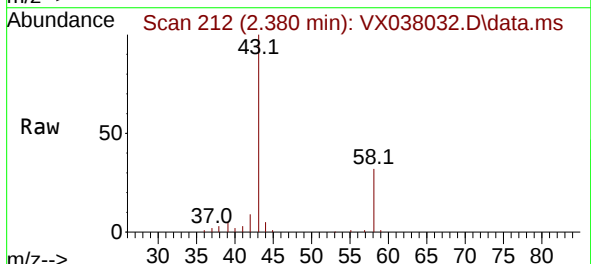
Tgt Ion: 53 Resp: 2609
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 36.8 29.8 44.6

Manual Integrations
APPROVED

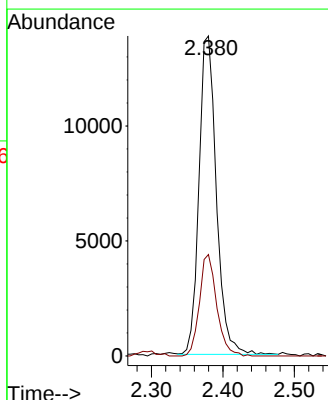
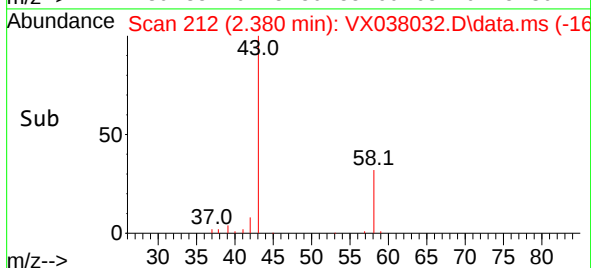
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

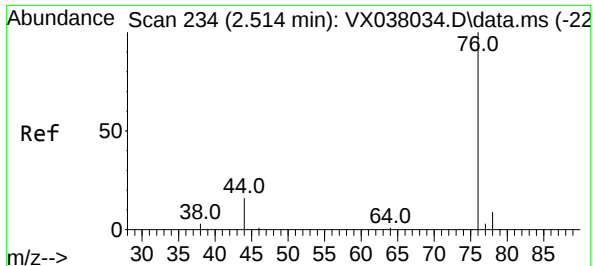


#16
Acetone
Concen: 25.583 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion: 43 Resp: 23343
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17

Carbon Disulfide

Concen: 4.918 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1827

Ion Ratio Lower Upper

76 100

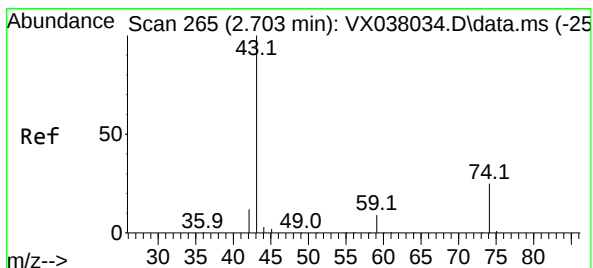
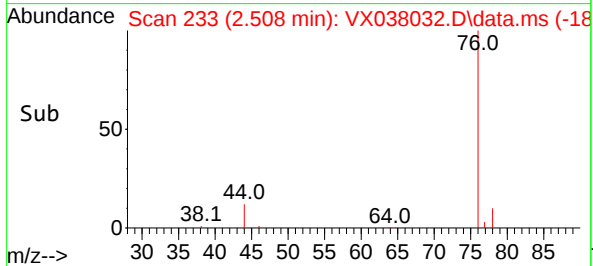
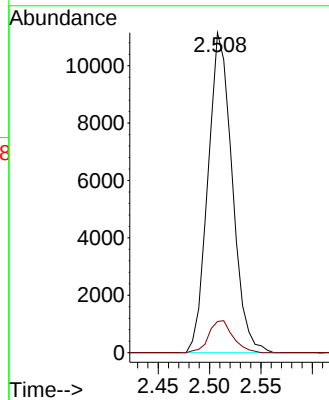
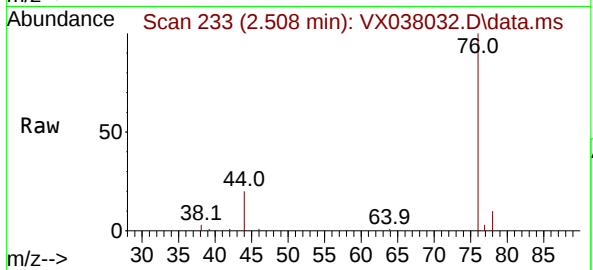
78 9.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#18

Methyl Acetate

Concen: 5.245 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX038032.D

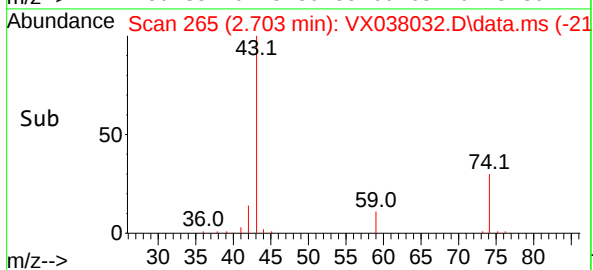
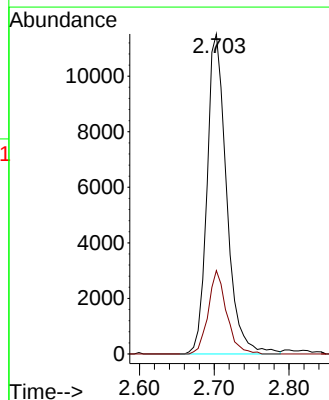
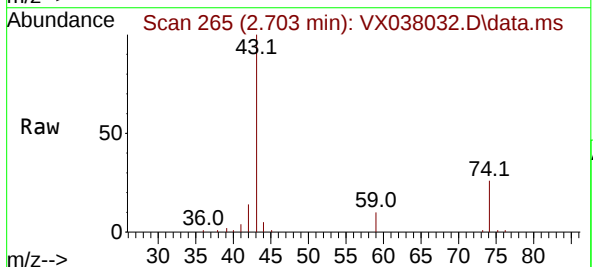
Acq: 03 Oct 2023 11:27

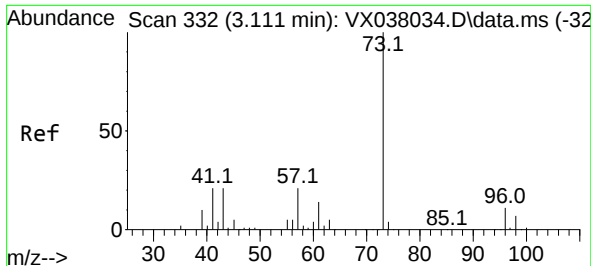
Tgt Ion: 43 Resp: 20953

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.8





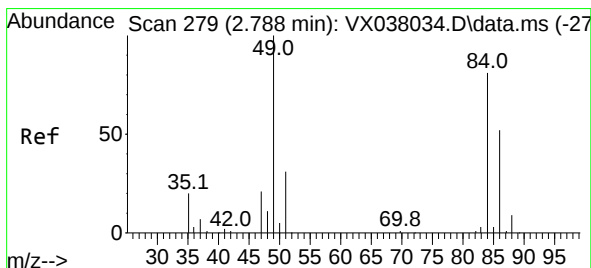
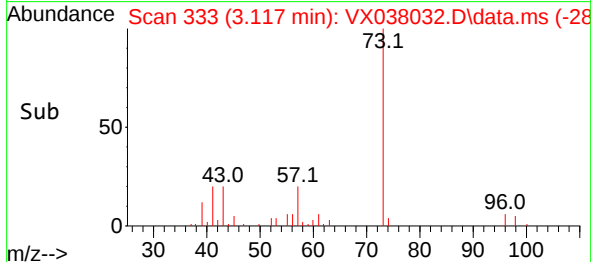
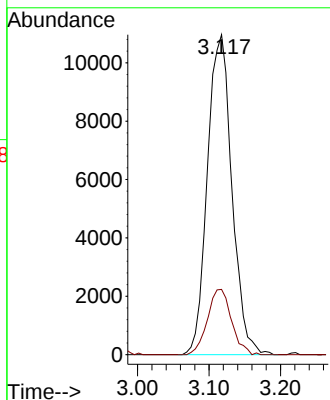
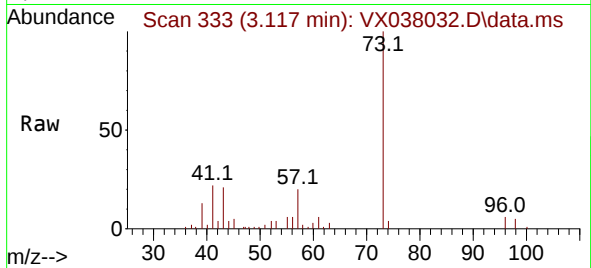
#19
Methyl tert-butyl Ether
Concen: 5.205 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 2612
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

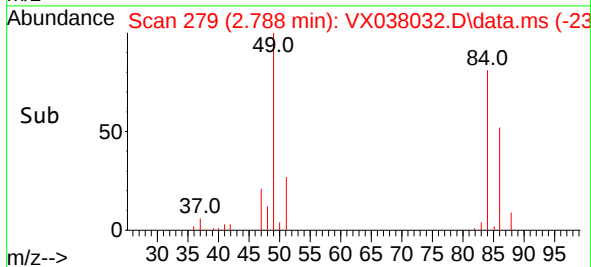
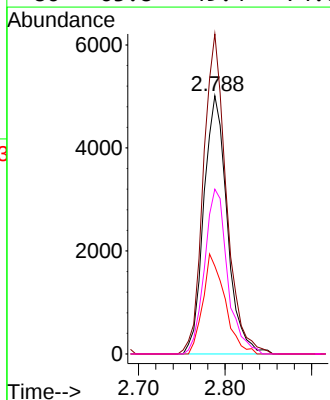
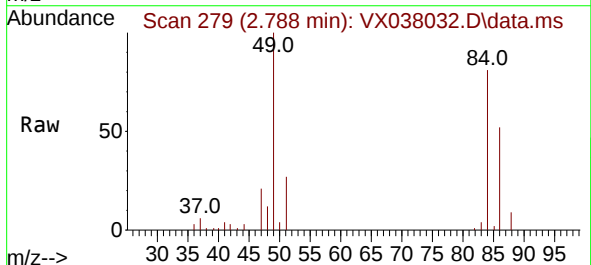
Manual Integrations
APPROVED

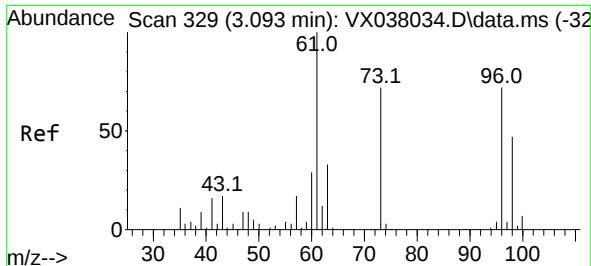
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#20
Methylene Chloride
Concen: 4.891 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

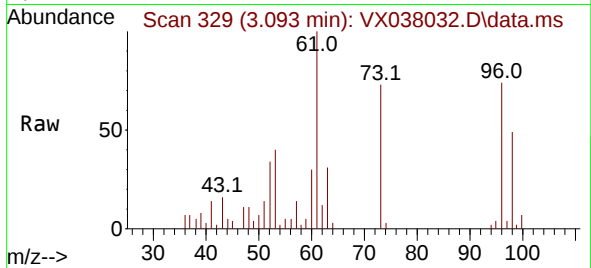
Tgt Ion: 84 Resp: 9421
Ion Ratio Lower Upper
84 100
49 123.9 103.6 155.4
51 34.0 33.8 50.6
86 63.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.145 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

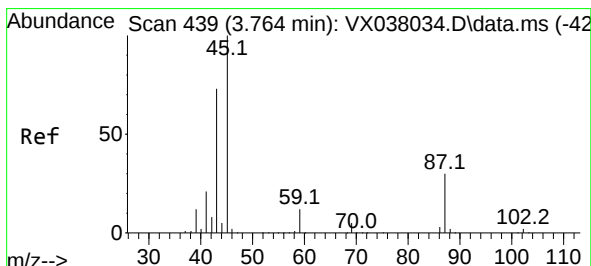
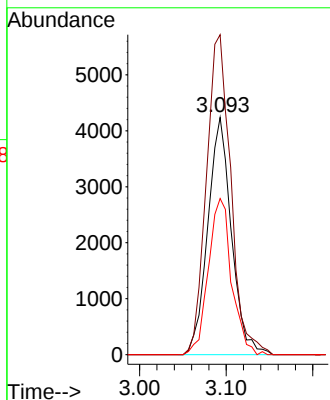
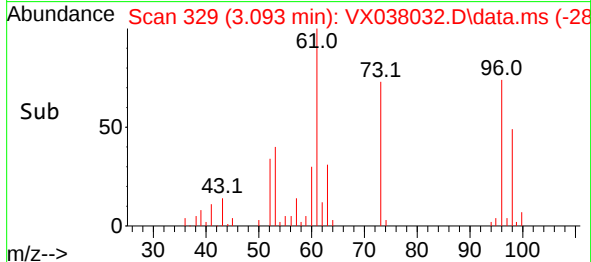
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



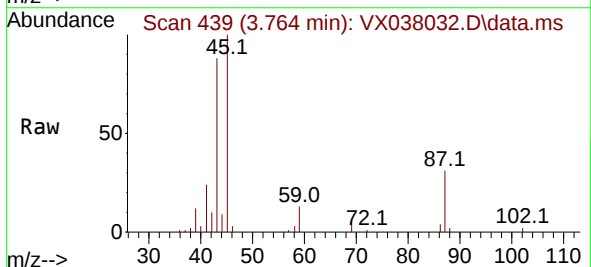
Tgt Ion: 96 Resp: 803
Ion Ratio Lower Upper
96 100
61 134.8 119.2 178.8
98 65.8 48.7 73.1

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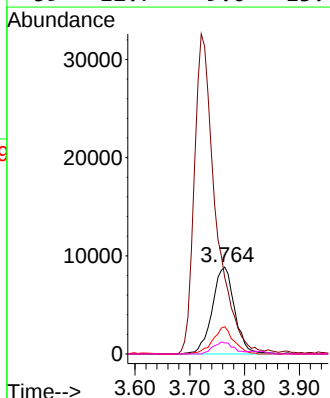
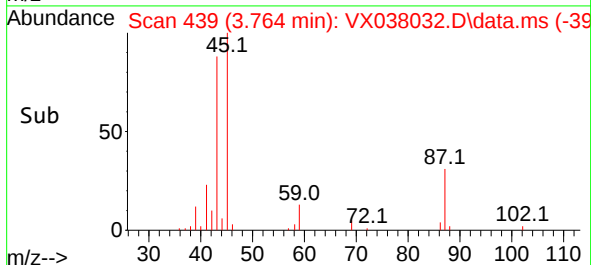
Reviewed By :John Carbone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

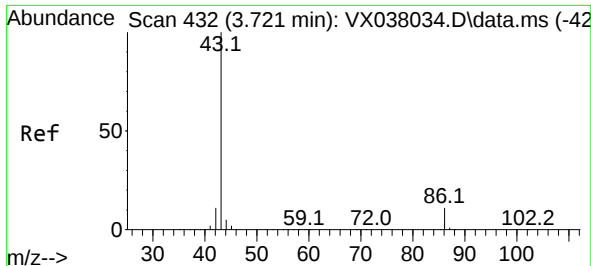


#22
Diisopropyl ether
Concen: 5.220 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion: 45 Resp: 25086
Ion Ratio Lower Upper
45 100
43 87.8 69.7 104.5
87 31.3 20.8 31.2#
59 12.7 9.0 13.4





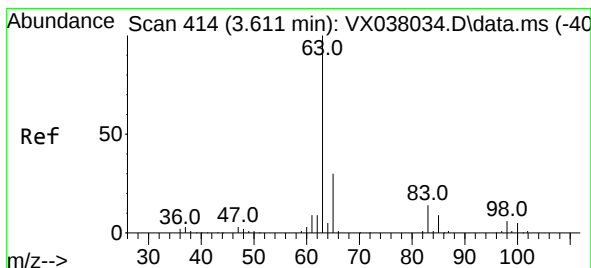
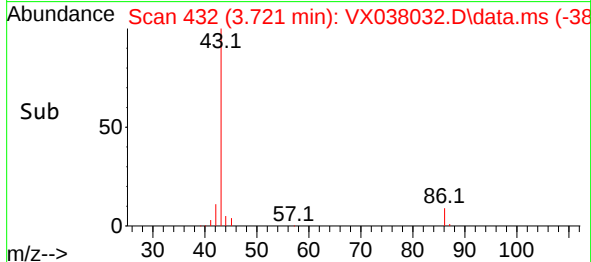
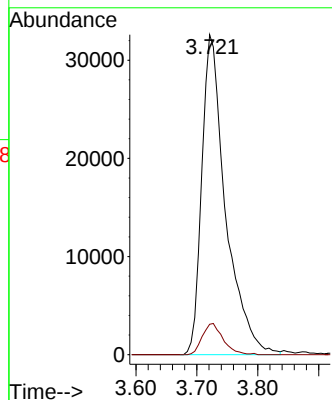
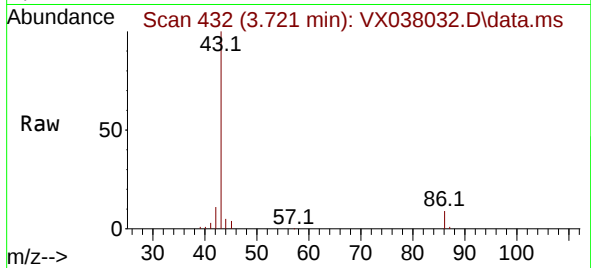
#23
 Vinyl Acetate
 Concen: 25.545 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 88648
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

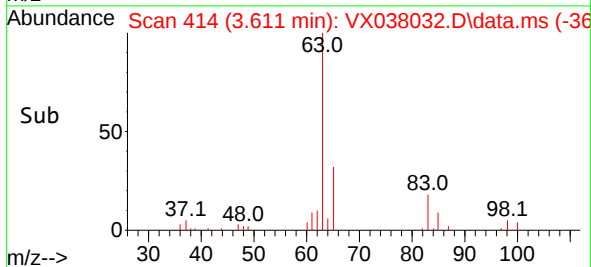
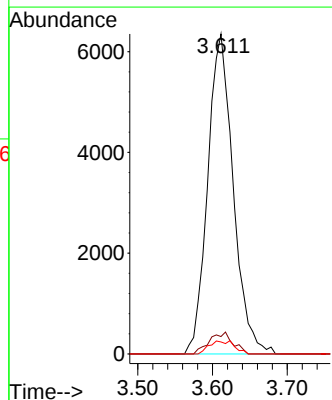
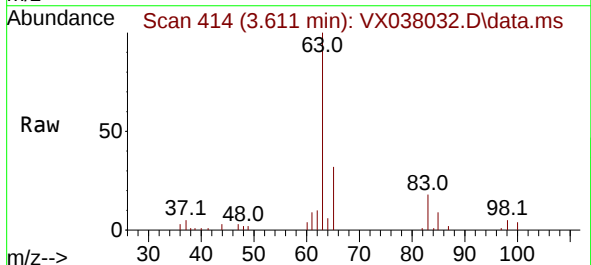
Manual Integrations
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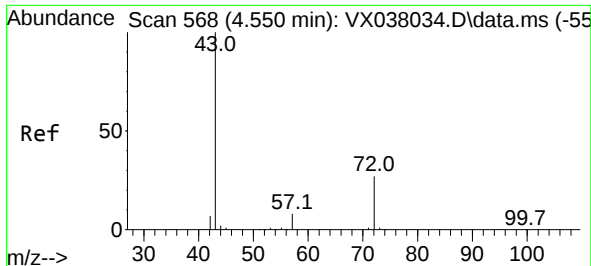
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023



#24
 1,1-Dichloroethane
 Concen: 5.209 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27

Tgt Ion: 63 Resp: 15087
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 3.7 2.1 6.5





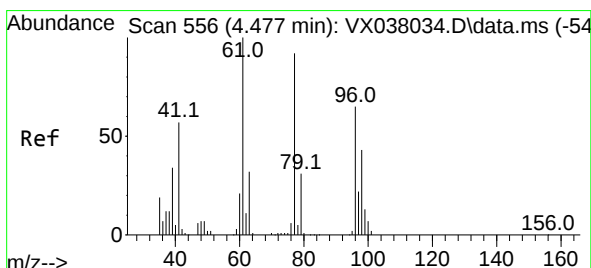
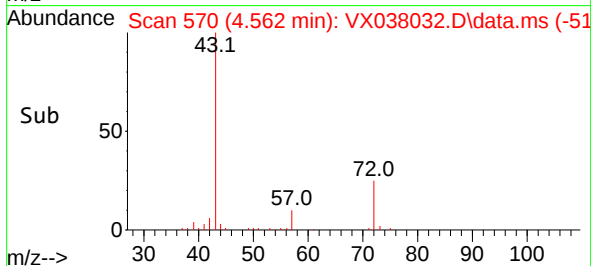
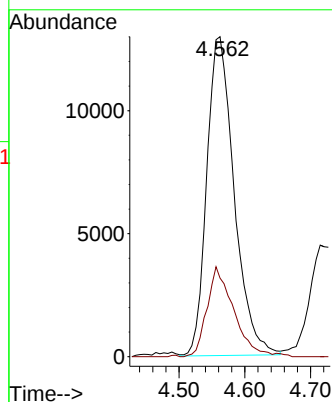
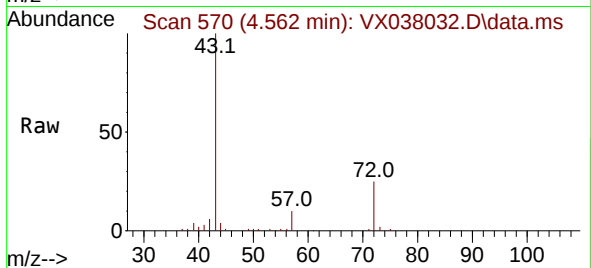
#25
2-Butanone
Concen: 25.811 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3761
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

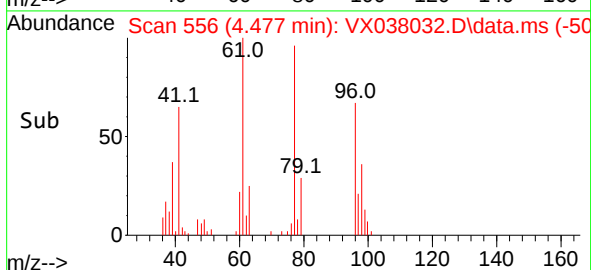
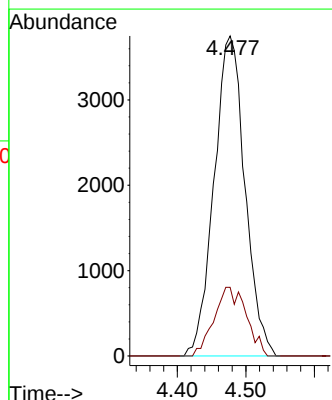
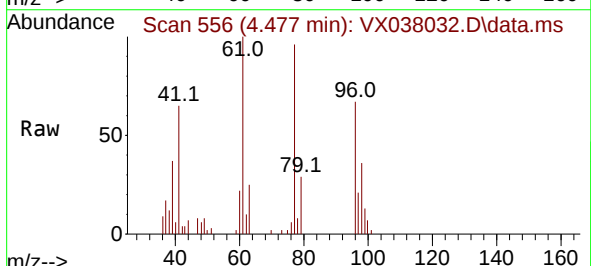
Manual Integrations
APPROVED

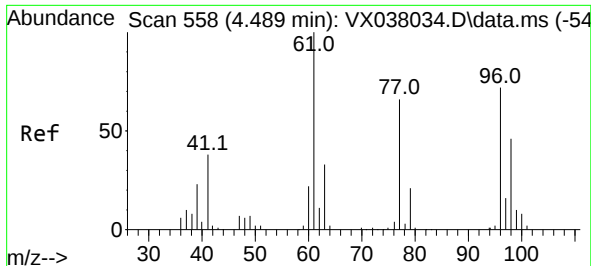
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#26
2,2-Dichloropropane
Concen: 5.121 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion: 77 Resp: 11731
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.240 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 9490

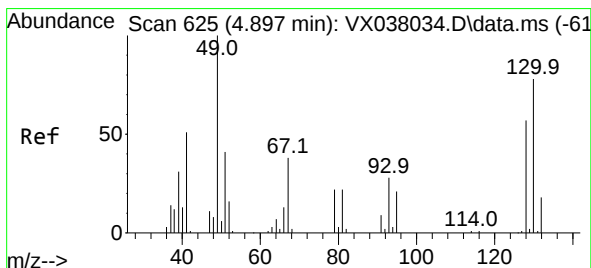
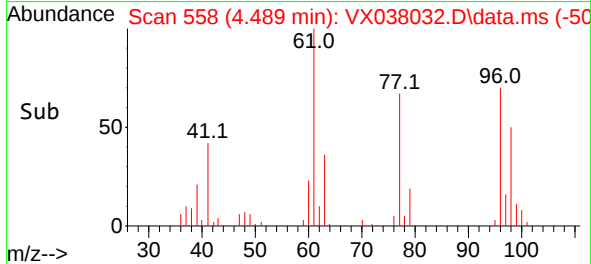
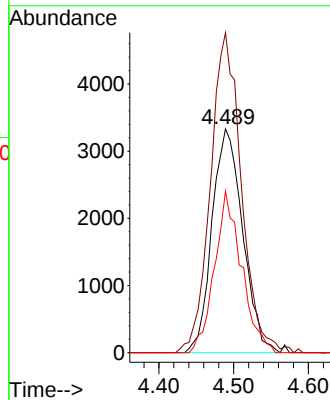
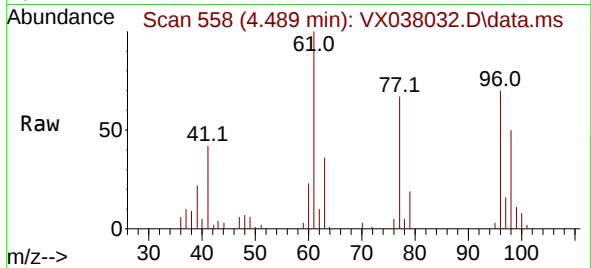
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	312.2
98	63.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#28

Bromochloromethane

Concen: 5.189 ug/l

RT: 4.891 min Scan# 624

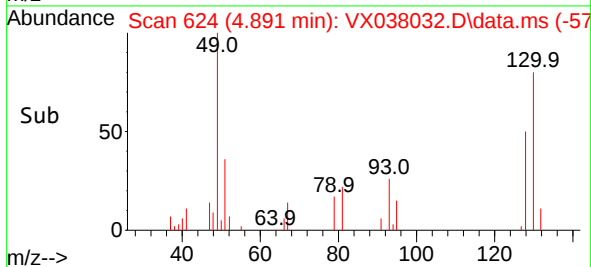
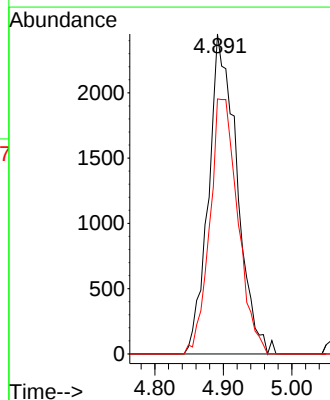
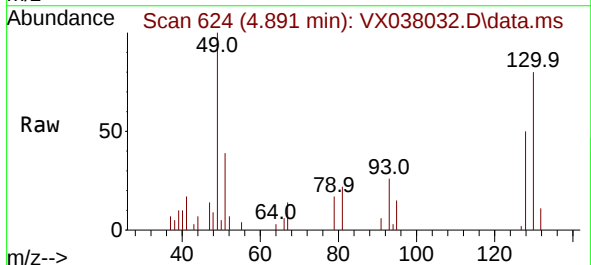
Delta R.T. -0.006 min

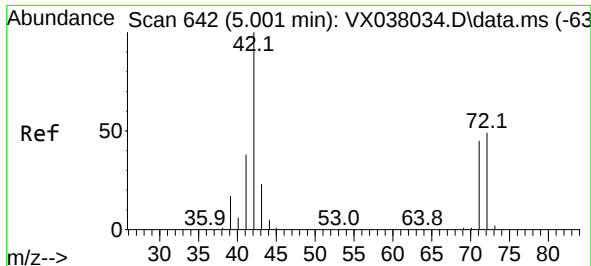
Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Tgt Ion: 49 Resp: 7049

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	78.9	57.5	86.3





#29

Tetrahydrofuran

Concen: 24.798 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

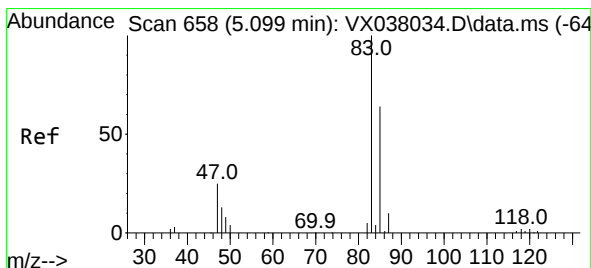
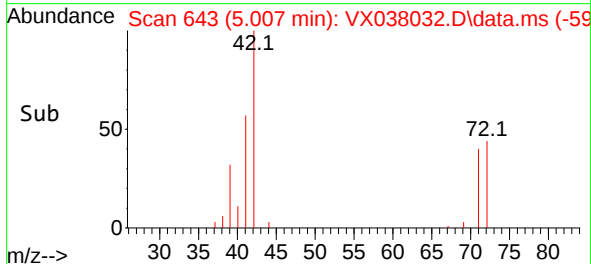
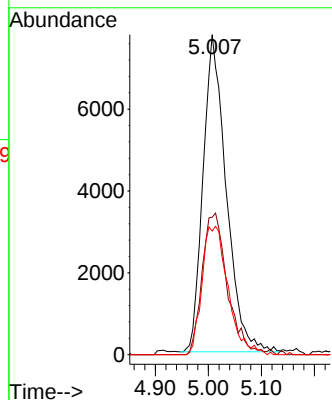
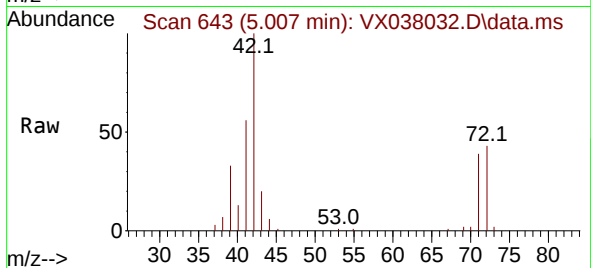
Tgt Ion:	42	Resp:	2349
Ion Ratio	Lower	Upper	
42	100		
72	48.9	34.2	51.4
71	45.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#30

Chloroform

Concen: 5.122 ug/l

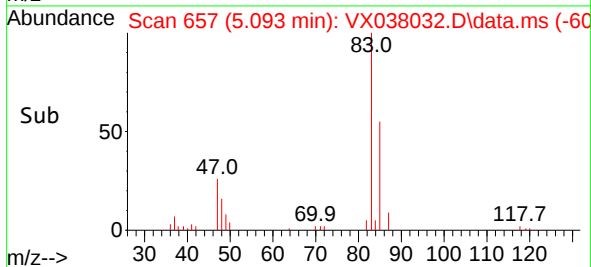
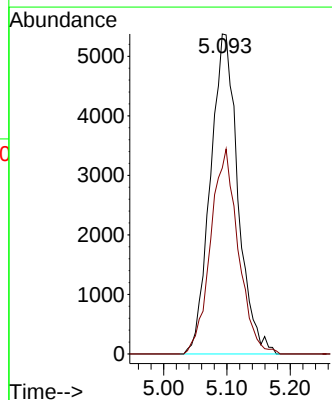
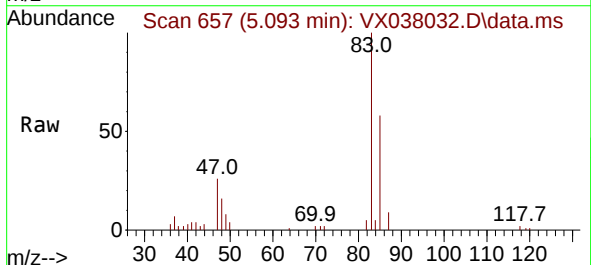
RT: 5.093 min Scan# 657

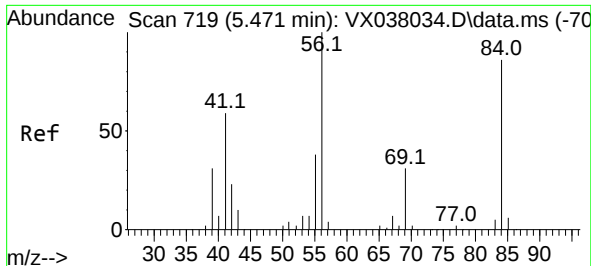
Delta R.T. -0.006 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

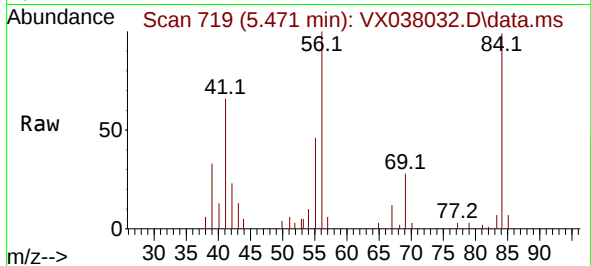
Tgt Ion:	83	Resp:	16264
Ion Ratio	Lower	Upper	
83	100		
85	58.1	50.3	75.5





#31
Cyclohexane
Concen: 4.908 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

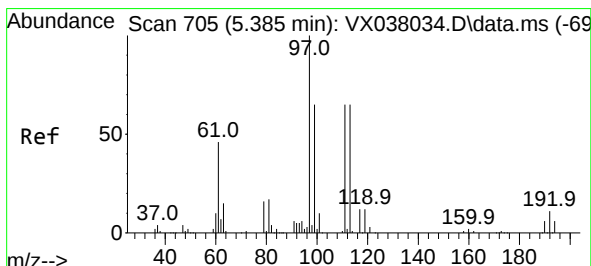
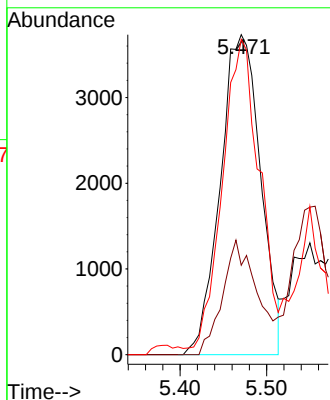
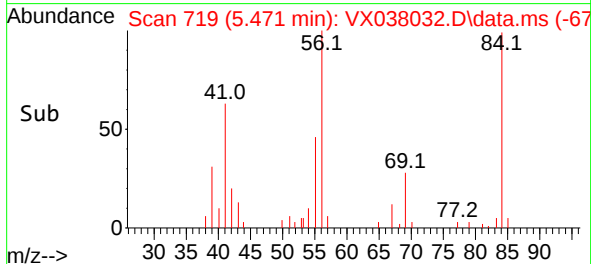
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



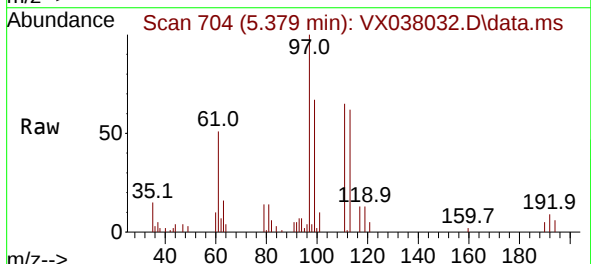
Tgt Ion: 56 Resp: 12065
Ion Ratio Lower Upper
56 100
69 28.0 23.4 35.2
84 96.1 65.9 98.9

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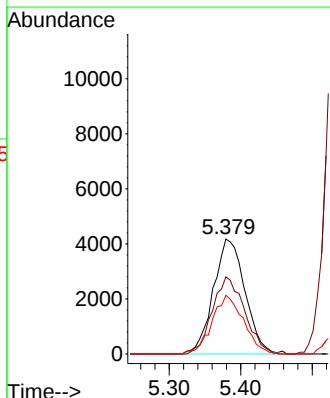
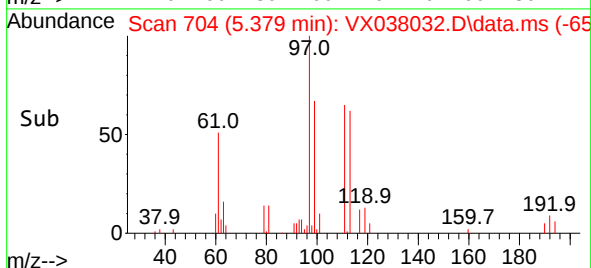
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

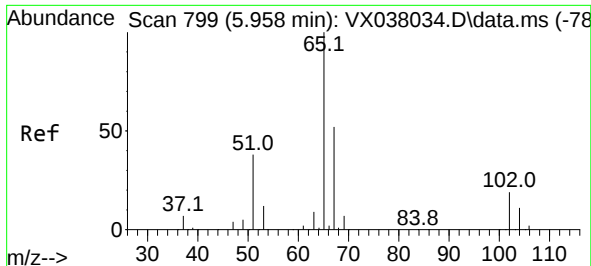


#32
1,1,1-Trichloroethane
Concen: 4.775 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion: 97 Resp: 12785
Ion Ratio Lower Upper
97 100
99 68.3 51.1 76.7
61 51.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.365 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 11639

Ion Ratio Lower Upper

65 100

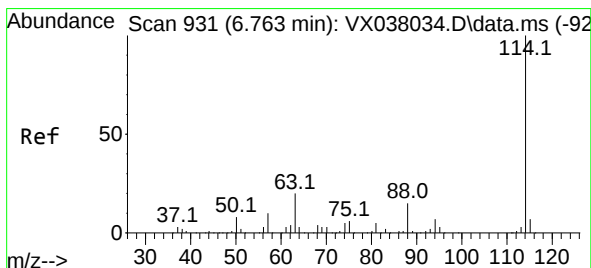
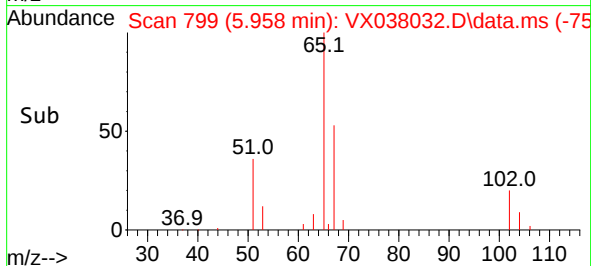
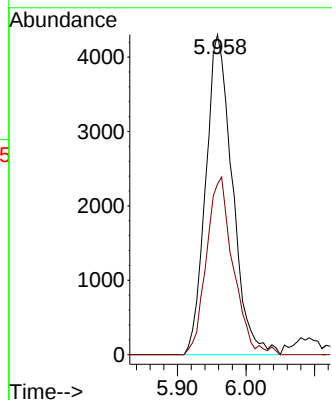
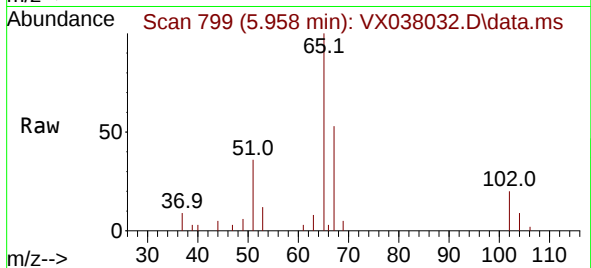
67 55.9 0.0 100.2

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: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

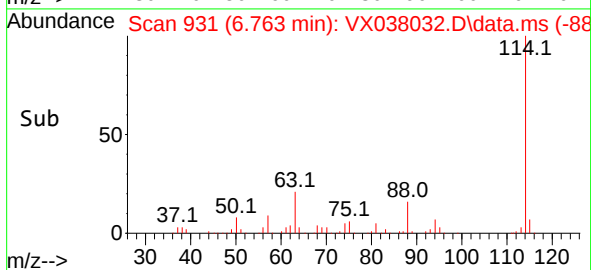
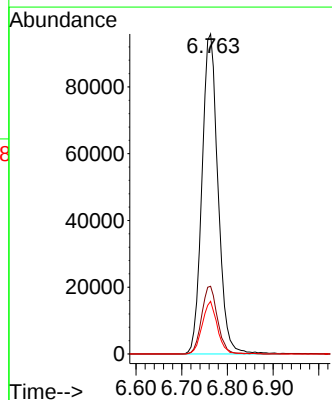
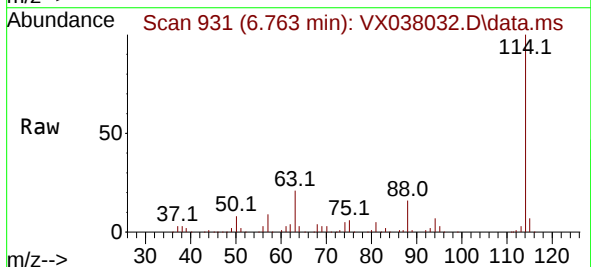
Tgt Ion:114 Resp: 233310

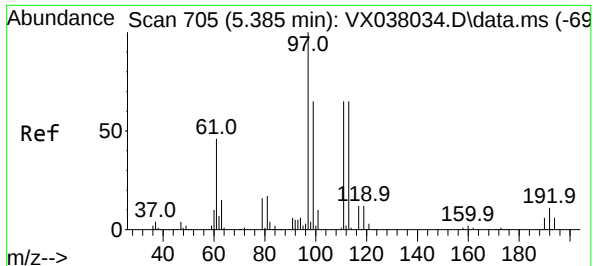
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

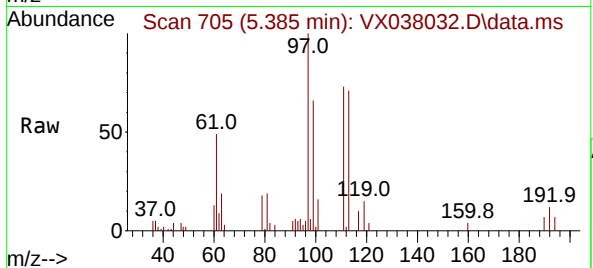
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.119 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

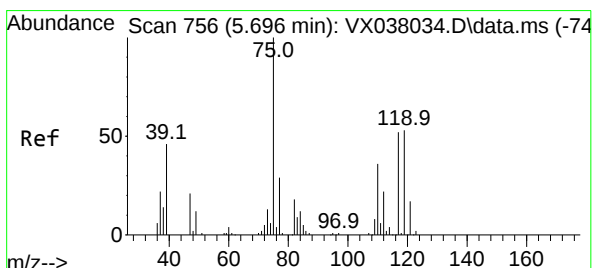
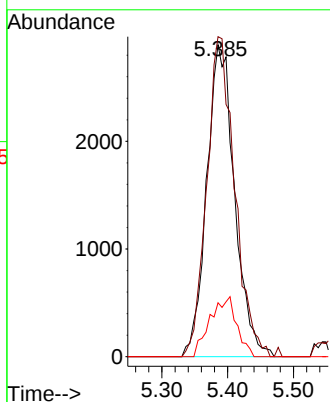
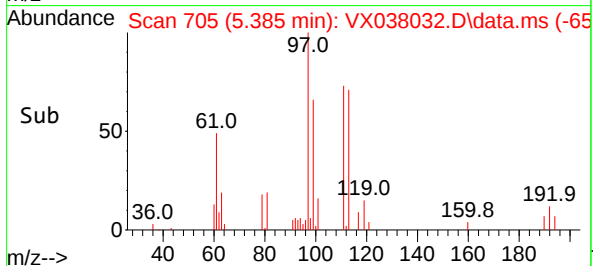
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 8549
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.4 13.3 19.9

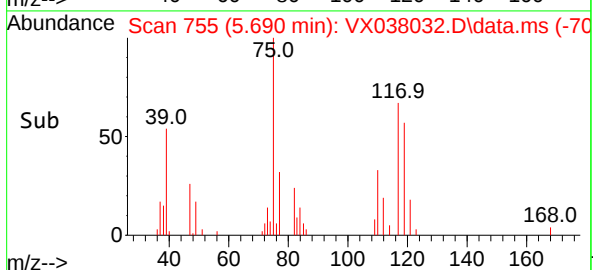
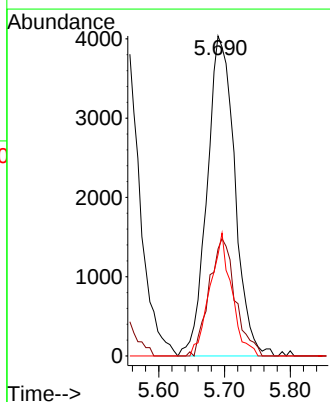
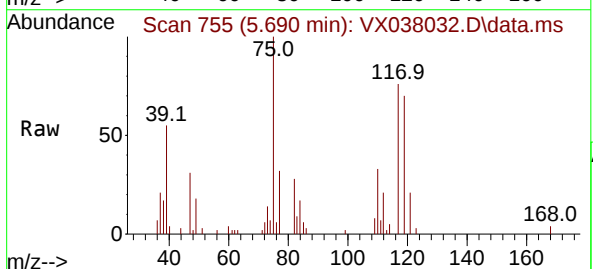
Manual Integrations
APPROVED

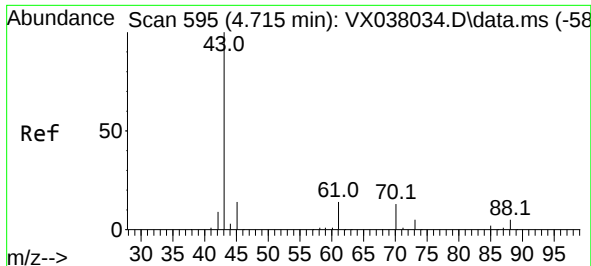
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

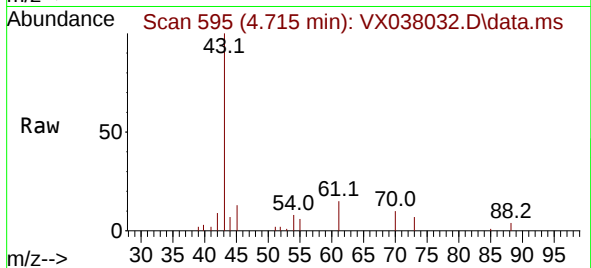
Tgt Ion: 75 Resp: 11828
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 30.2 24.7 37.1





#37
Ethyl Acetate
Concen: 5.116 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

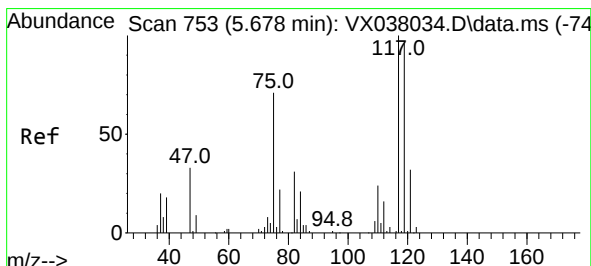
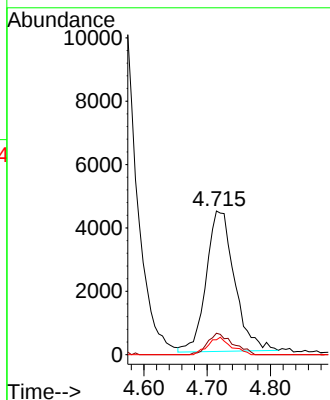
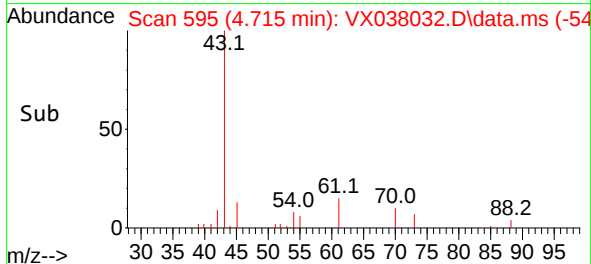
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.0 8.3 12.5

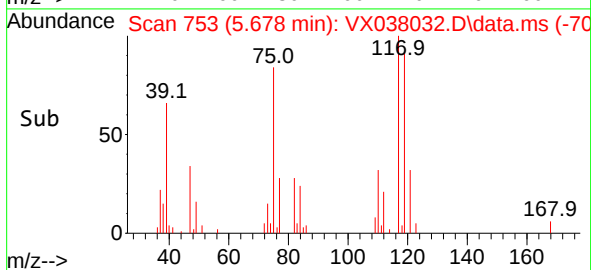
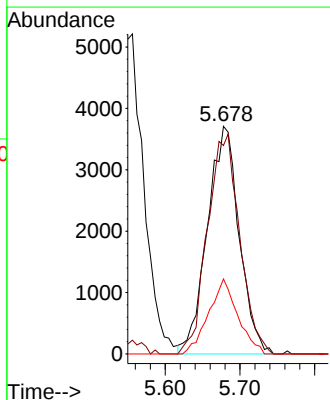
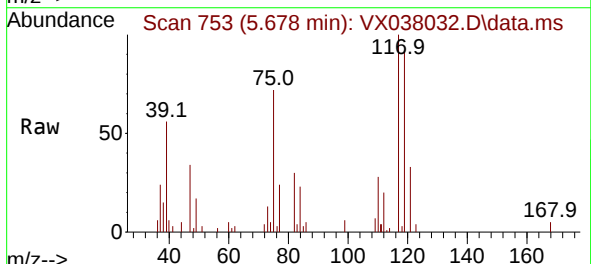
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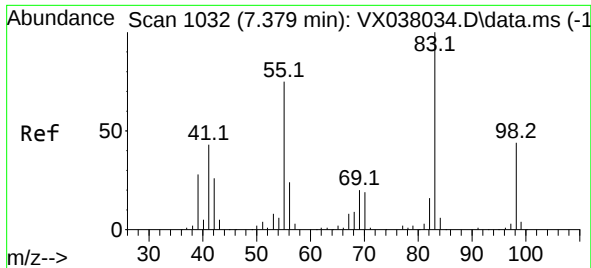
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#38
Carbon Tetrachloride
Concen: 4.674 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion:117 Resp: 10989
Ion Ratio Lower Upper
117 100
119 91.5 78.2 117.2
121 32.9 24.4 36.6





#39
Methylcyclohexane
Concen: 4.925 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

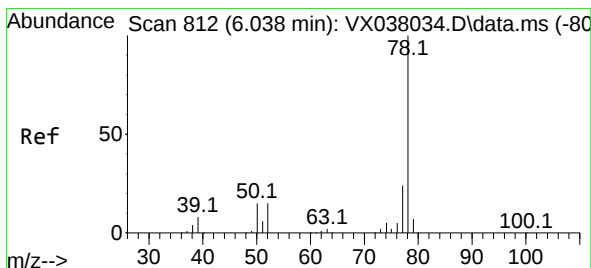
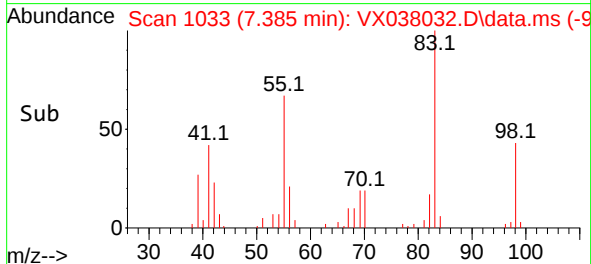
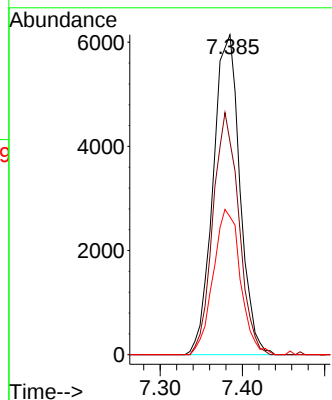
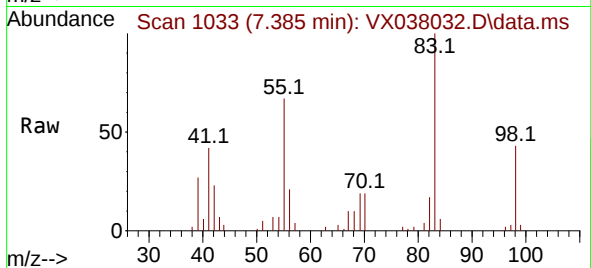
Tgt Ion: 83 Resp: 1393
Ion Ratio Lower Upper
83 100
55 66.6 64.6 97.0
98 43.1 36.7 55.1

Manual Integrations

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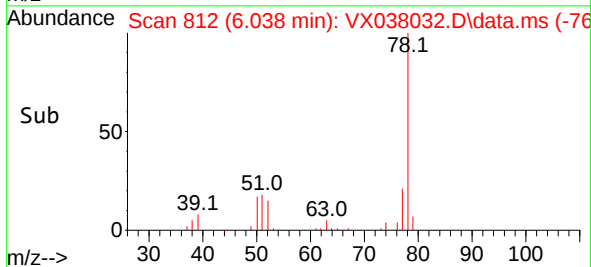
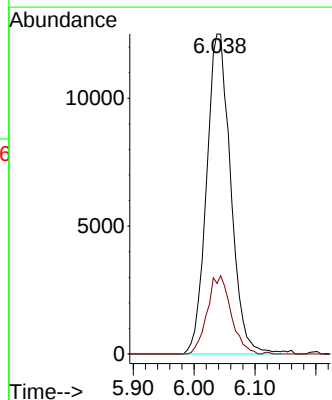
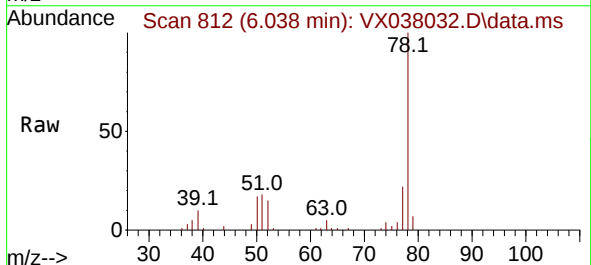
Reviewed By :John Carlone 10/04/2023

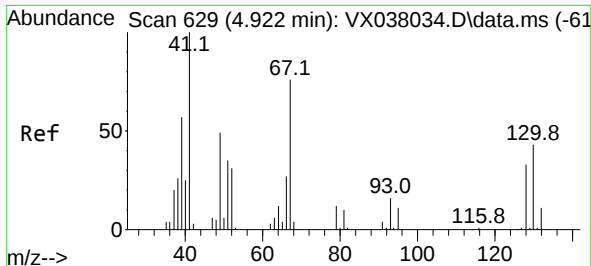
Supervised By :Semsettin Yesilyurt 10/04/2023



#40
Benzene
Concen: 5.107 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

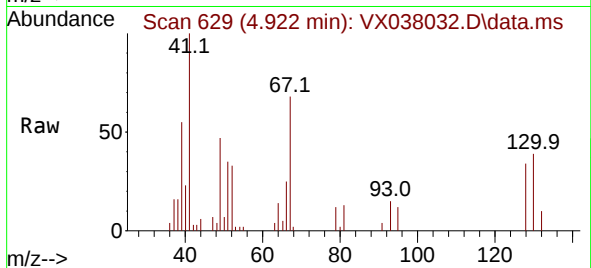
Tgt Ion: 78 Resp: 34354
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9





#41
Methacrylonitrile
Concen: 5.101 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

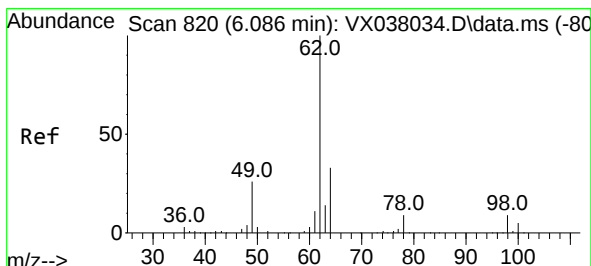
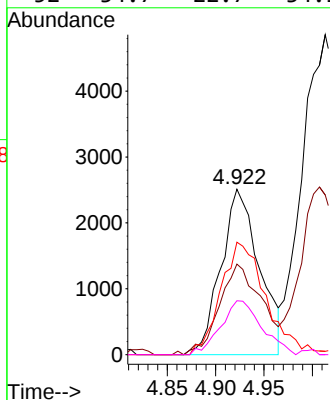
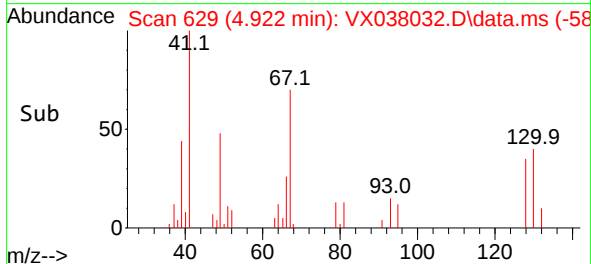
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 6954
Ion Ratio Lower Upper
41 100
39 59.7 45.2 67.8
67 79.7 52.6 78.8
52 34.7 22.7 34.1#

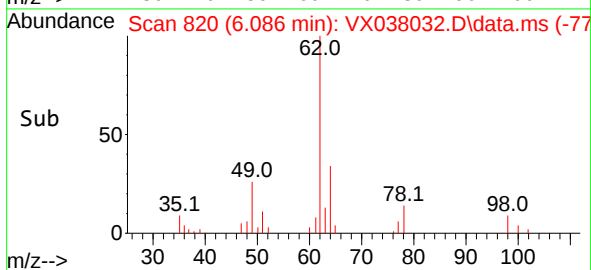
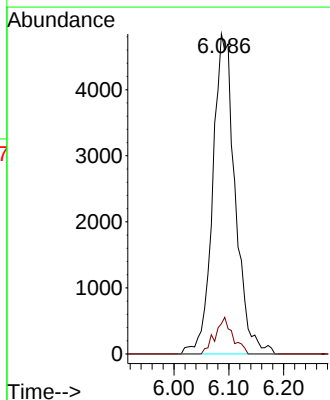
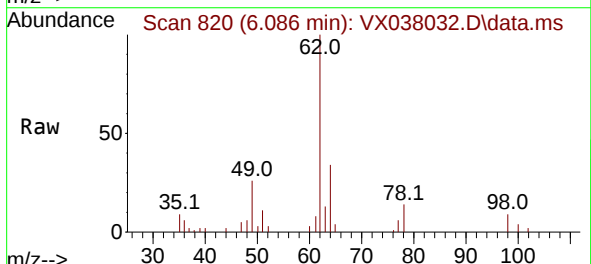
Manual Integrations
APPROVED

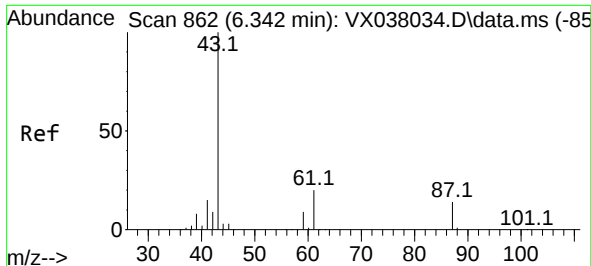
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#42
1,2-Dichloroethane
Concen: 5.230 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

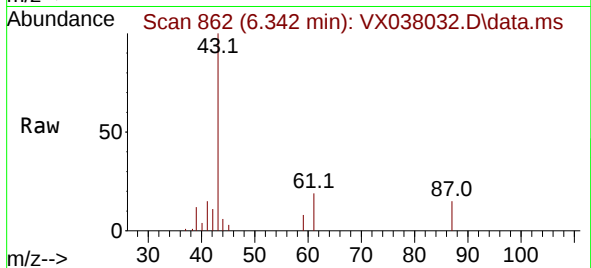
Tgt Ion: 62 Resp: 13769
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 5.109 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

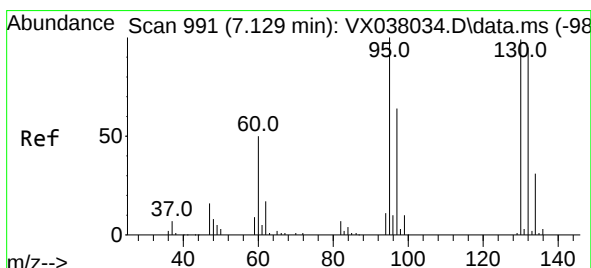
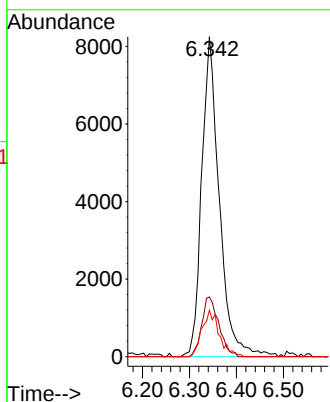
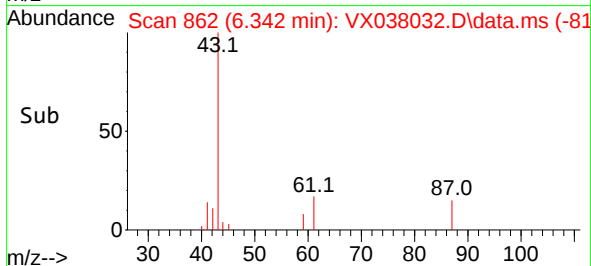
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



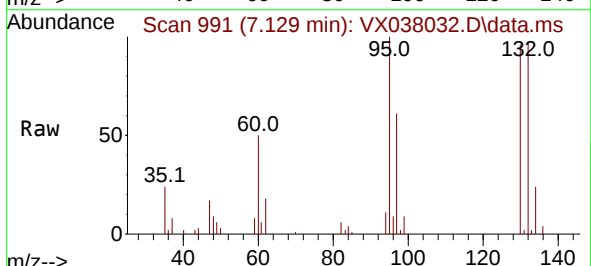
Tgt Ion: 43 Resp: 2147
Ion Ratio Lower Upper
43 100
61 18.0 15.2 22.8
87 14.2 9.8 14.6

Manual Integrations
APPROVED

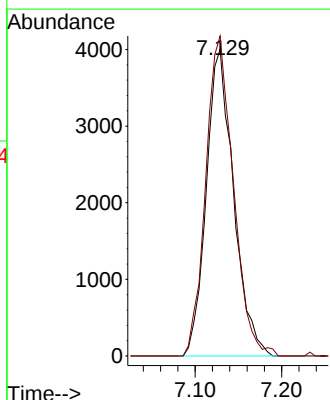
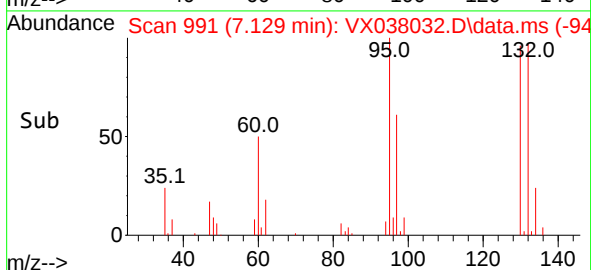
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

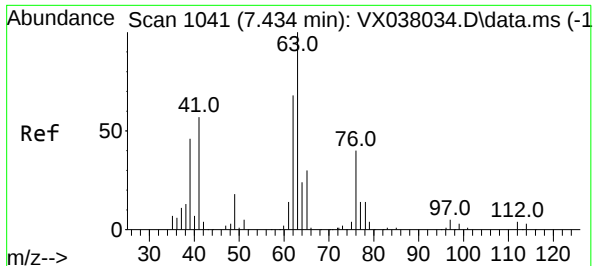


#44
Trichloroethene
Concen: 4.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion:130 Resp: 8767
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.206 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 892

Ion Ratio Lower Upper

63 100

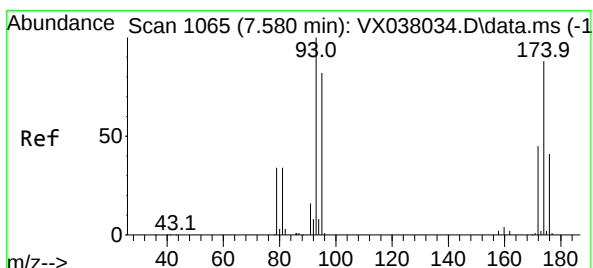
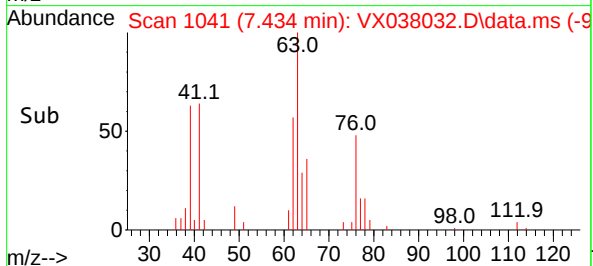
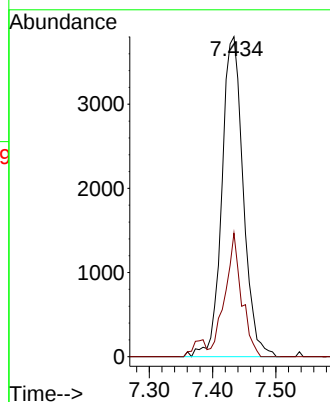
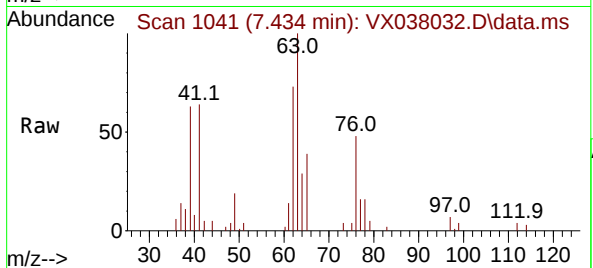
65 38.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#46

Dibromomethane

Concen: 4.893 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

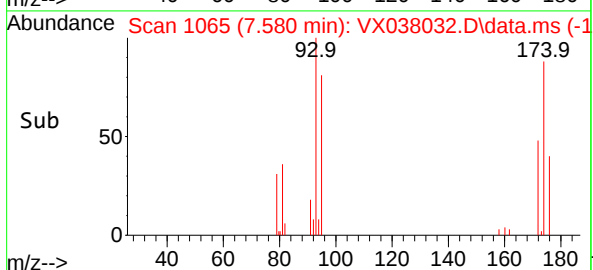
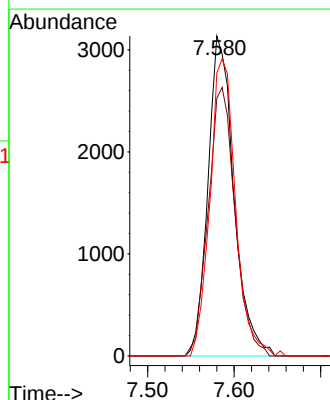
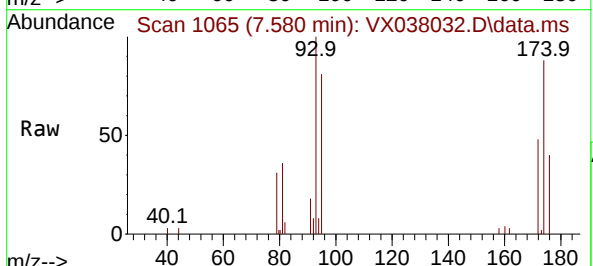
Tgt Ion: 93 Resp: 6507

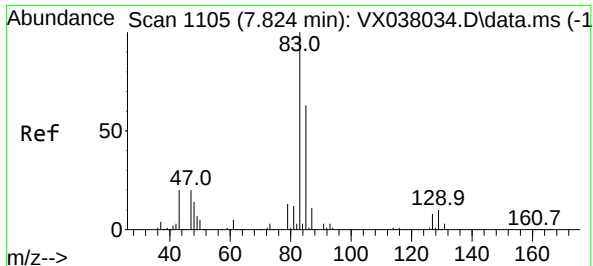
Ion Ratio Lower Upper

93 100

95 87.0 66.6 100.0

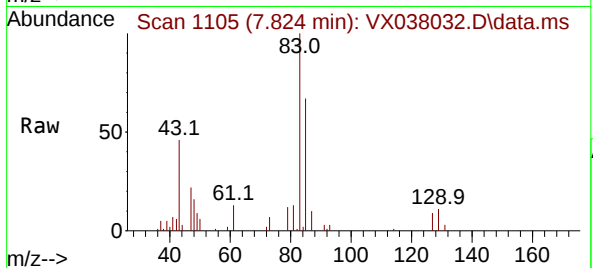
174 92.2 69.4 104.0





#47
Bromodichloromethane
Concen: 4.867 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

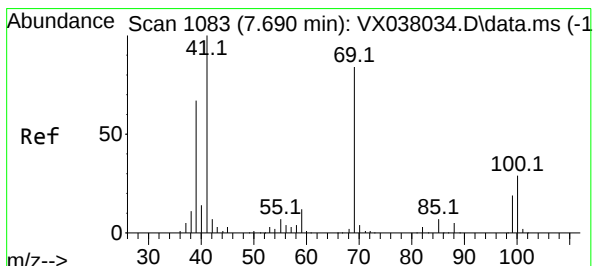
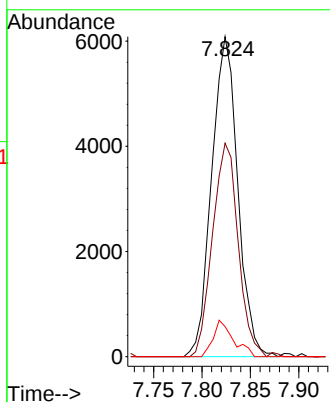
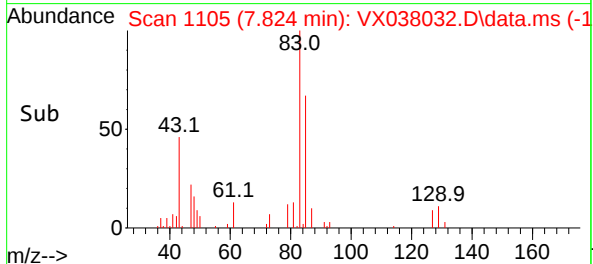
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



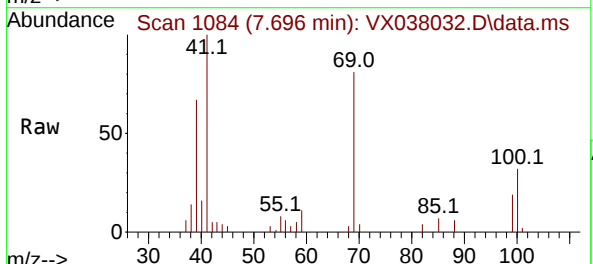
Tgt Ion: 83 Resp: 1141
Ion Ratio Lower Upper
83 100
85 66.7 49.8 74.6
127 9.4 7.1 10.7

Manual Integrations
APPROVED

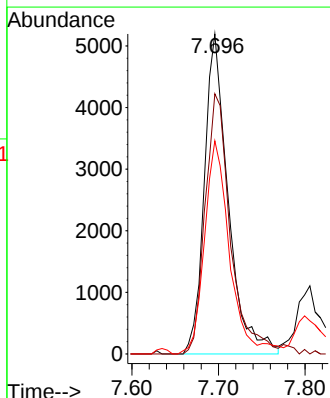
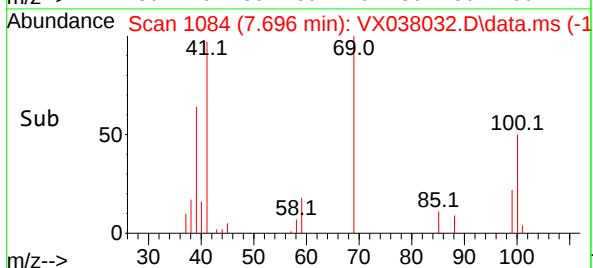
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

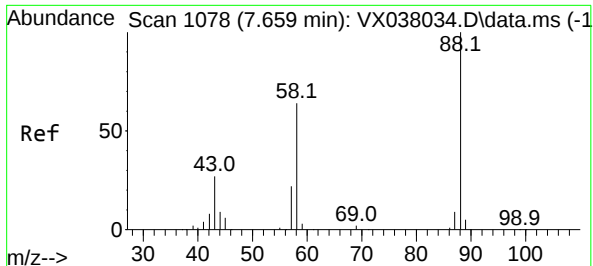


#48
Methyl methacrylate
Concen: 4.932 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion: 41 Resp: 9942
Ion Ratio Lower Upper
41 100
69 86.0 59.2 88.8
39 70.3 47.7 71.5





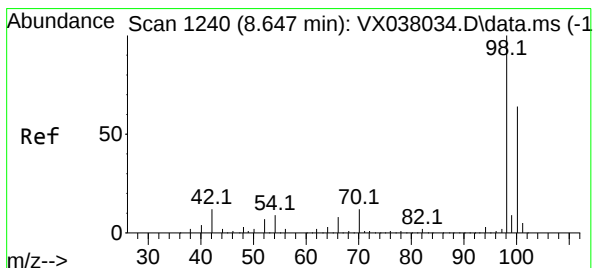
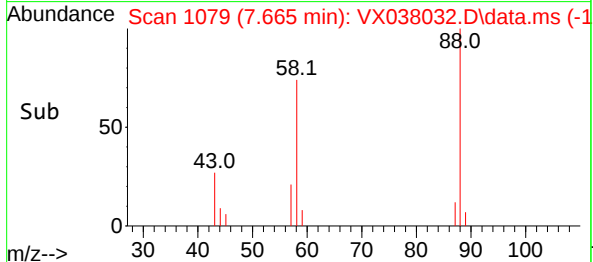
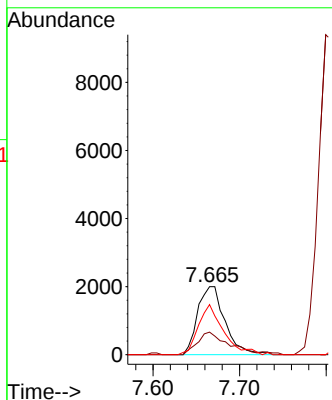
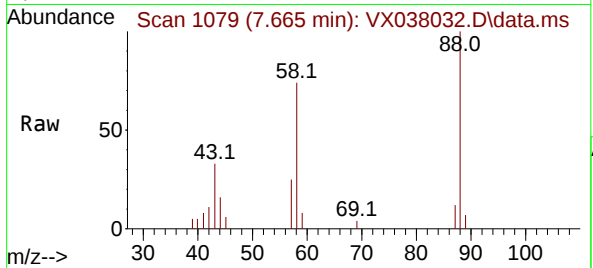
#49
1,4-Dioxane
Concen: 98.298 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 4380
Ion Ratio Lower Upper
88 100
43 36.9 0.0 0.0
58 67.8 60.1 90.1

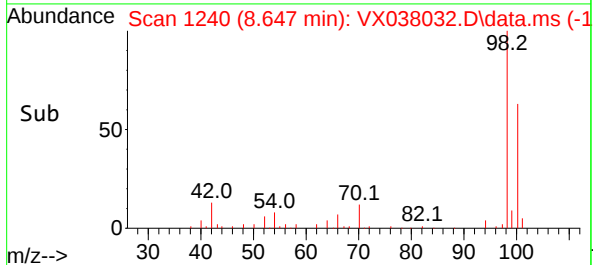
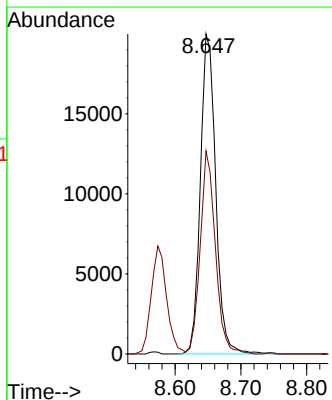
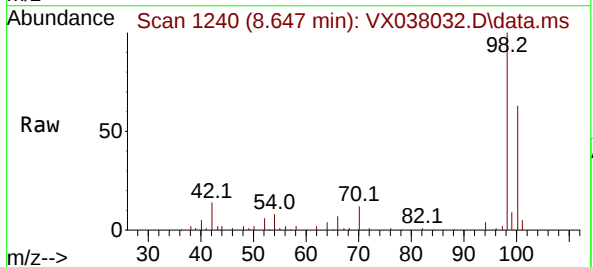
Manual Integrations
APPROVED

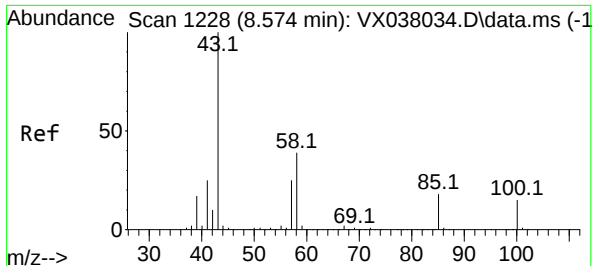
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#50
Toluene-d8
Concen: 5.050 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion: 98 Resp: 32424
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 25.601 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

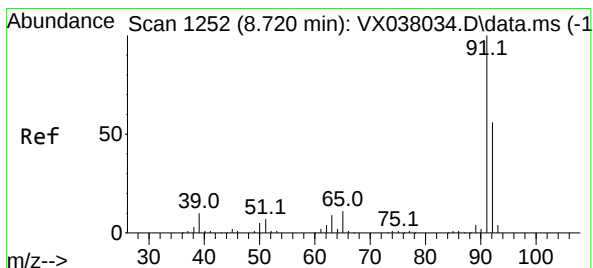
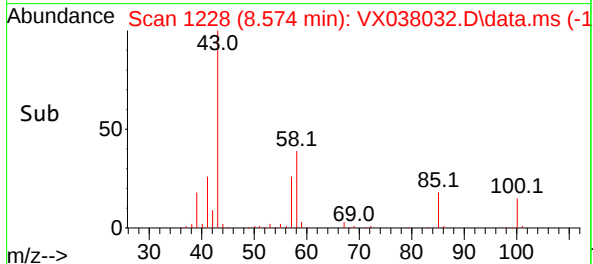
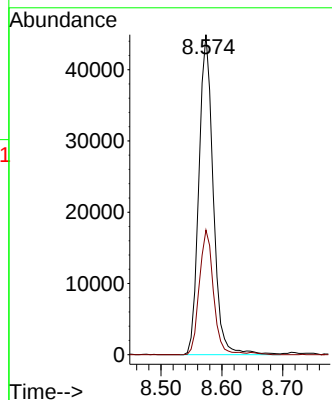
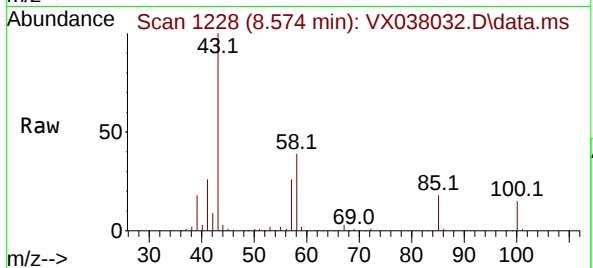
VSTDICC005

Tgt Ion: 43 Resp: 7344
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

Manual Integrations

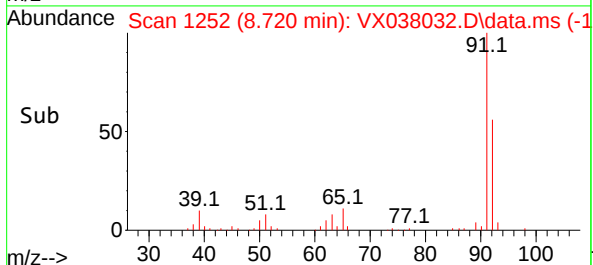
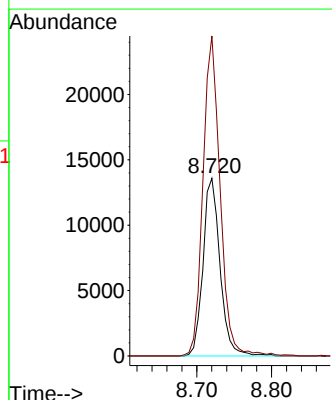
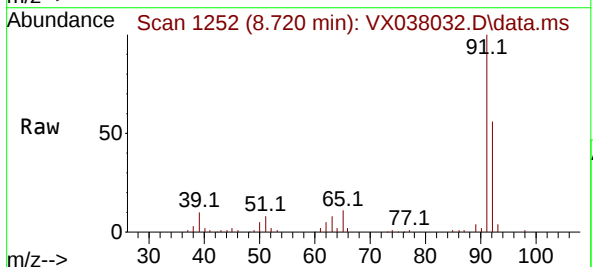
APPROVED

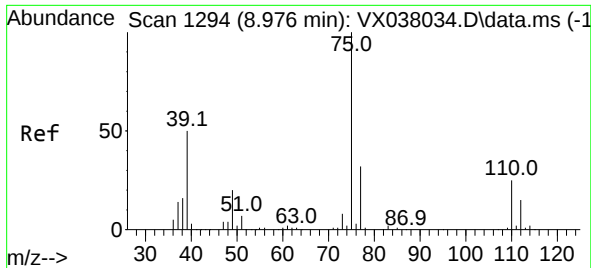
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#52
Toluene
Concen: 4.909 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion: 92 Resp: 21517
Ion Ratio Lower Upper
92 100
91 181.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.544 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 11500

Ion Ratio Lower Upper

75 100

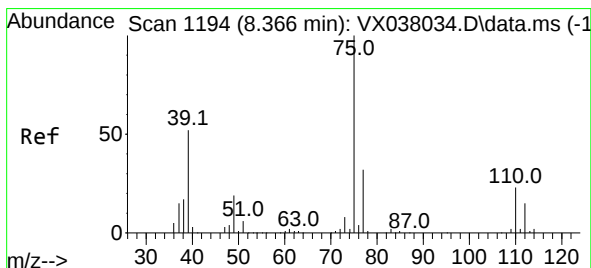
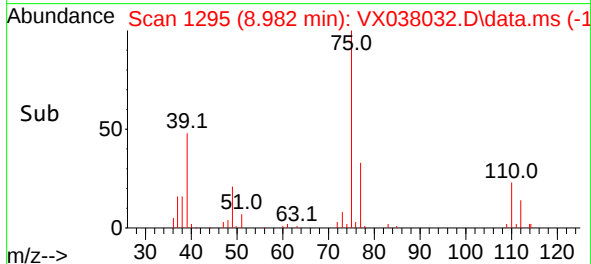
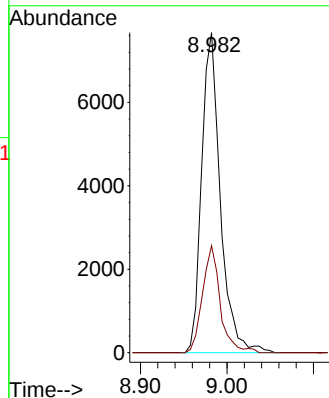
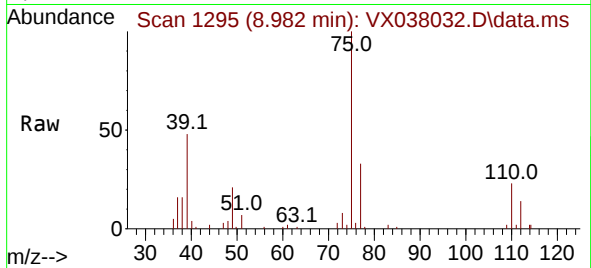
77 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#54

cis-1,3-Dichloropropene

Concen: 4.793 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

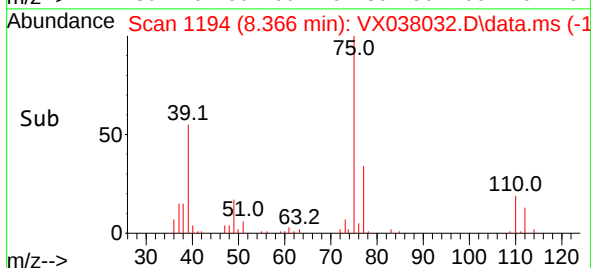
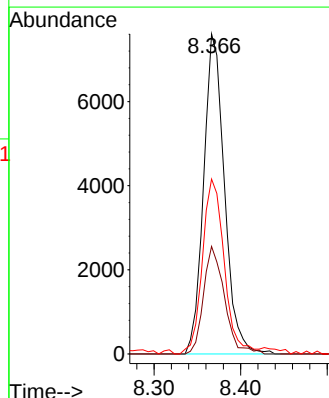
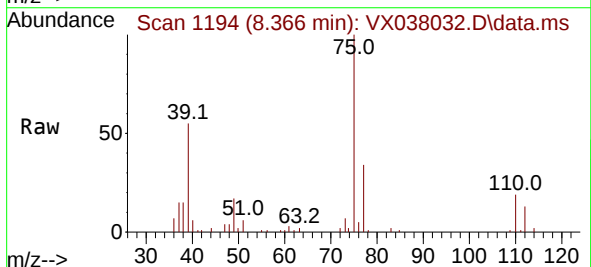
Tgt Ion: 75 Resp: 12736

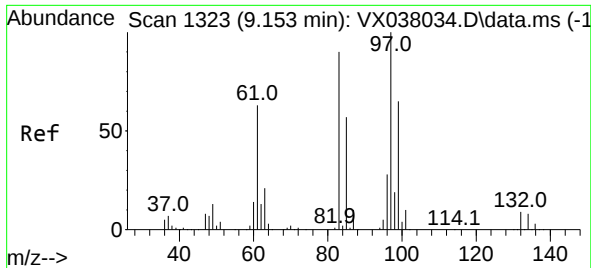
Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9

39 54.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.017 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

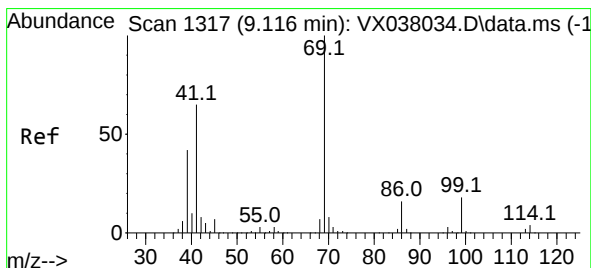
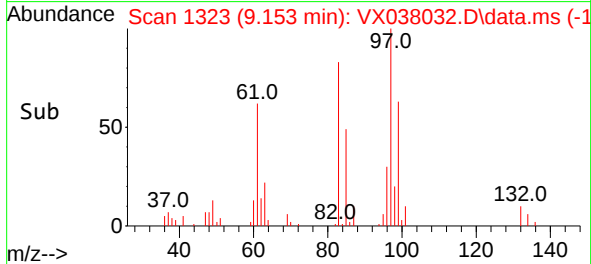
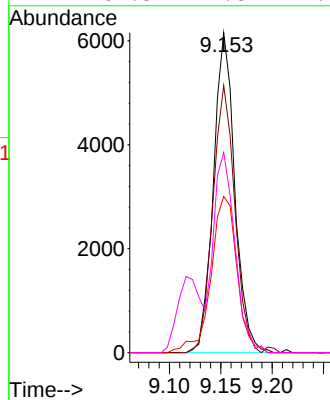
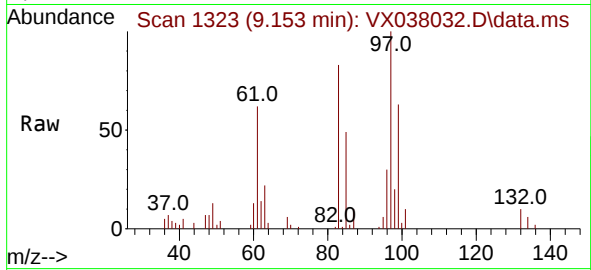
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	48.8	41.6	62.4
99	62.5	47.8	71.8

Manual Integrations

APPROVED

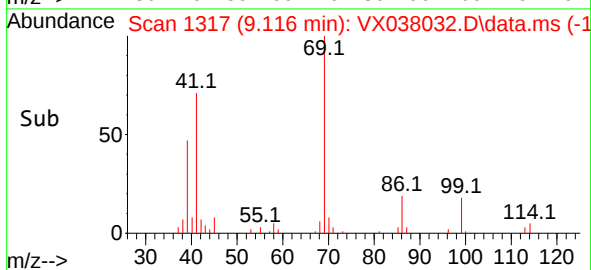
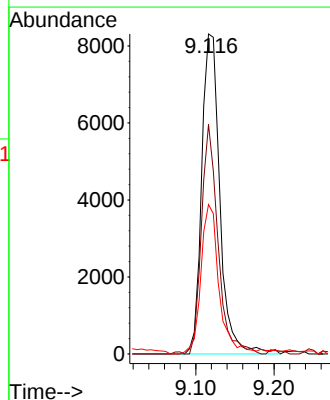
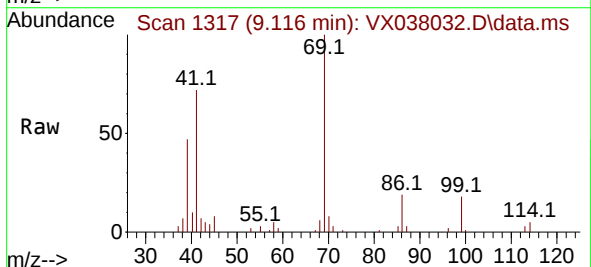
Reviewed By :John Carlone 10/04/2023

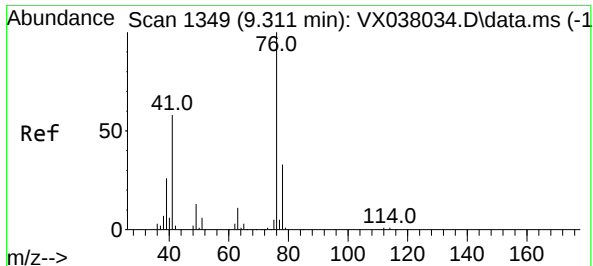
Supervised By :Semsettin Yesilyurt 10/04/2023



#56
Ethyl methacrylate
Concen: 4.899 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

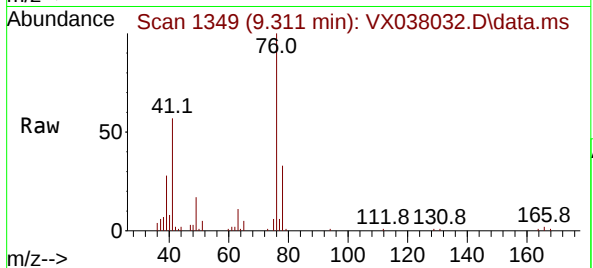
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	56.8	85.2
39	46.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 5.026 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

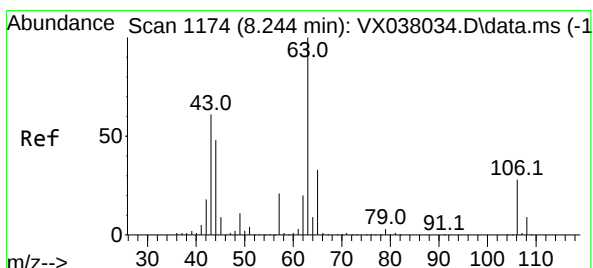
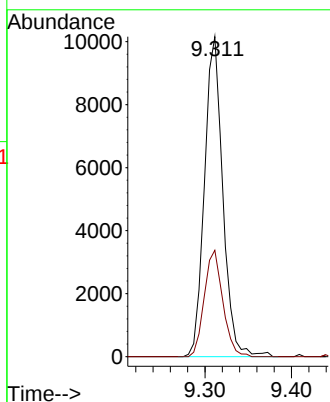
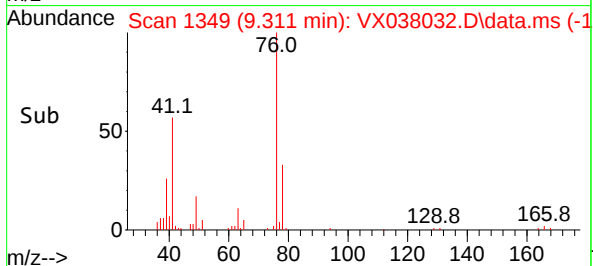
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



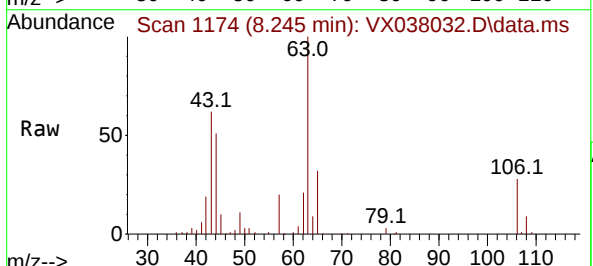
Tgt Ion: 76 Resp: 14924
Ion Ratio Lower Upper
76 100
78 33.6 26.1 39.1

Manual Integrations
APPROVED

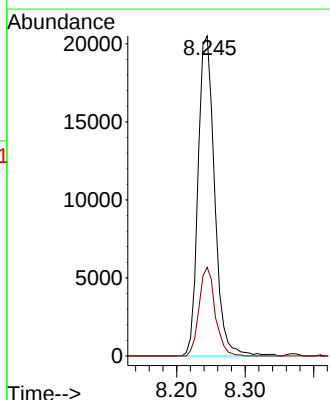
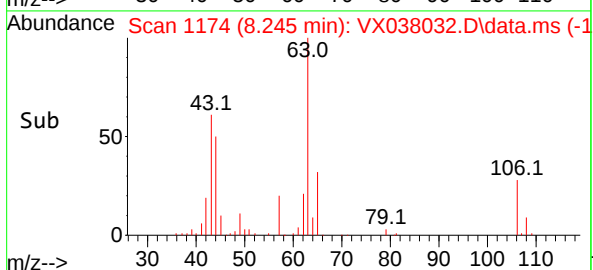
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

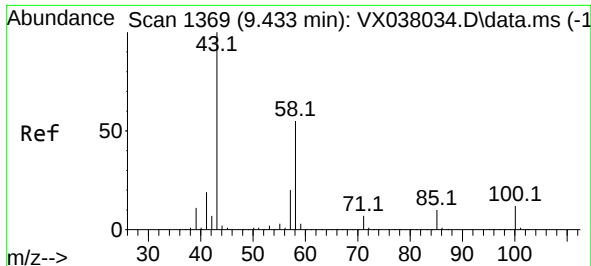


#58
2-Chloroethyl Vinyl ether
Concen: 26.172 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



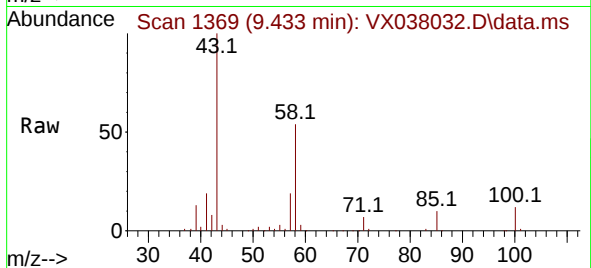
Tgt Ion: 63 Resp: 34537
Ion Ratio Lower Upper
63 100
106 26.9 22.5 33.7





#59
2-Hexanone
Concen: 25.111 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

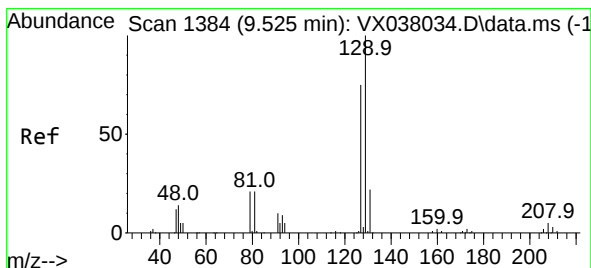
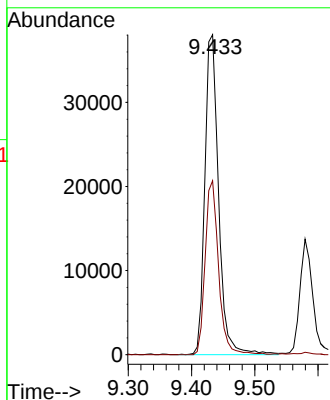
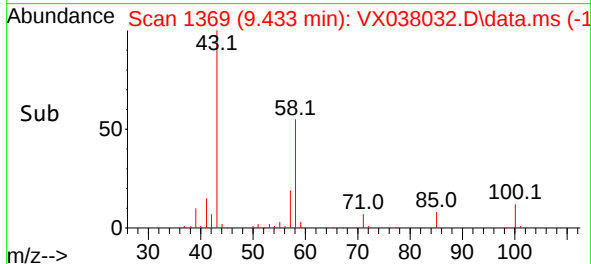
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 57690
Ion Ratio Lower Upper
43 100
58 53.2 26.2 78.5

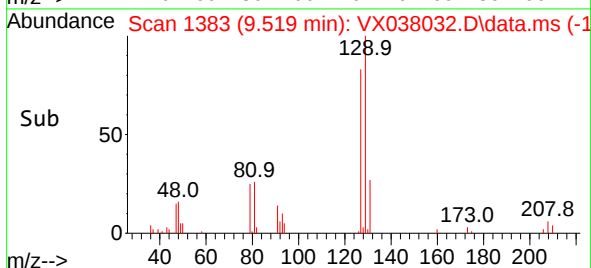
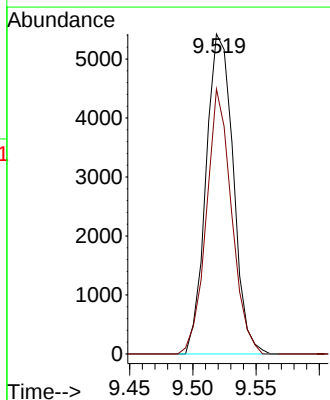
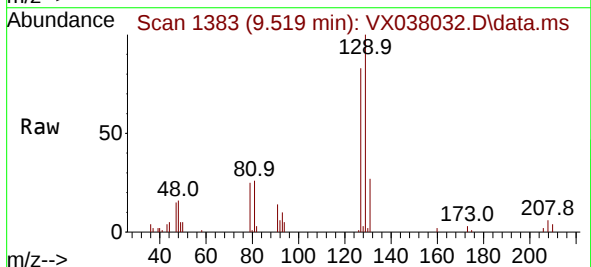
Manual Integrations
APPROVED

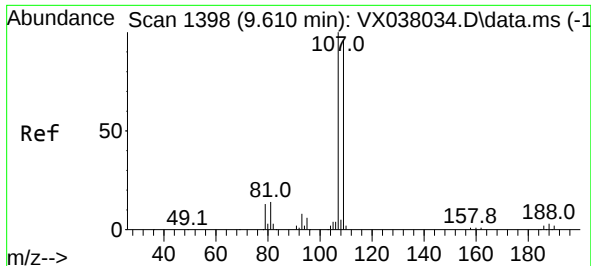
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#60
Dibromochloromethane
Concen: 4.582 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

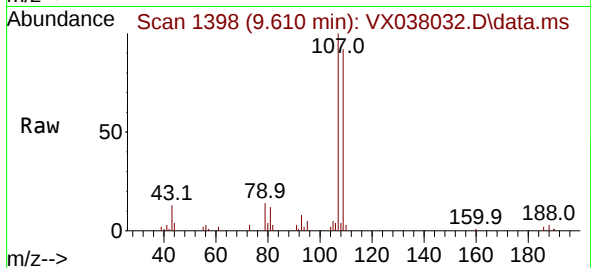
Tgt Ion:129 Resp: 8114
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.932 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

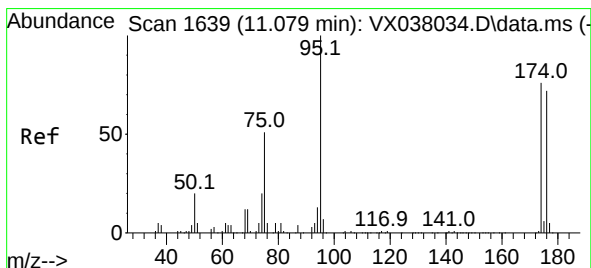
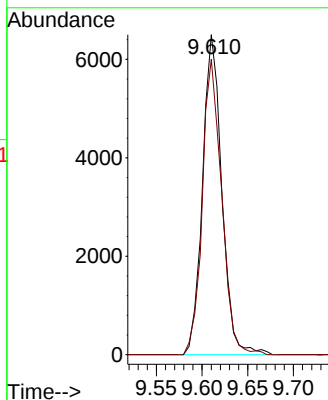
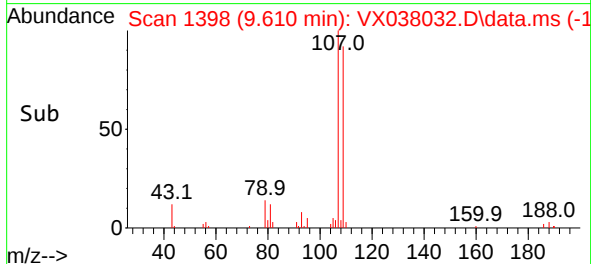
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 956
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

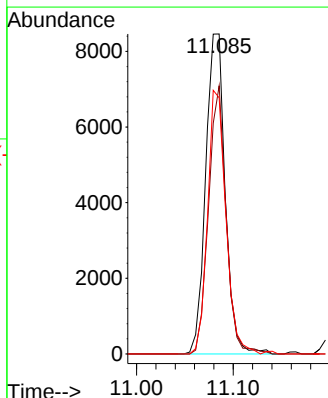
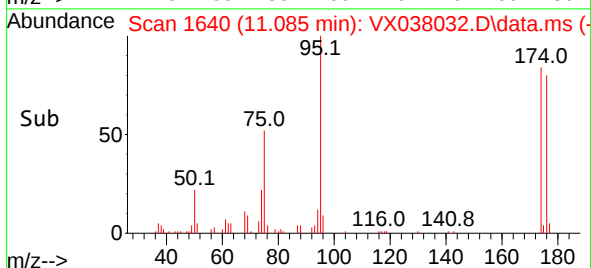
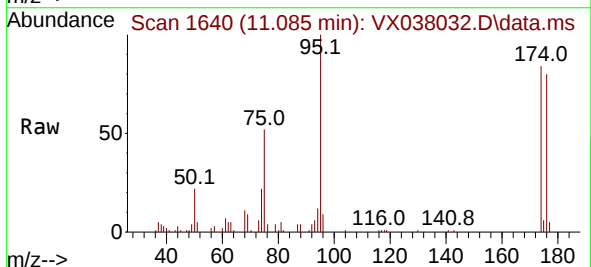
Manual Integrations
APPROVED

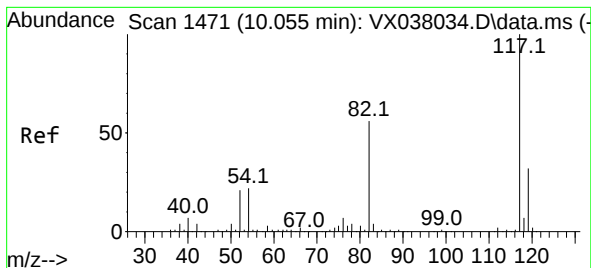
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#62
4-Bromofluorobenzene
Concen: 5.048 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

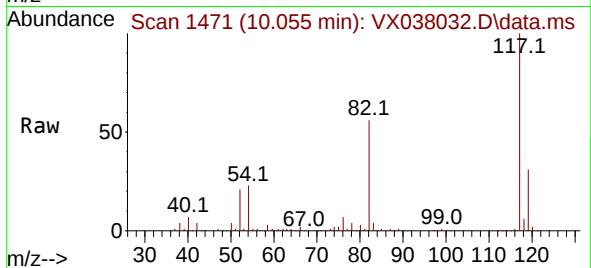
Tgt Ion: 95 Resp: 11909
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 77.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

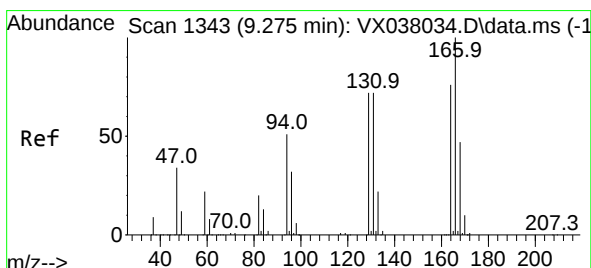
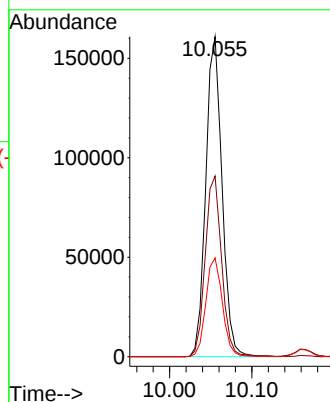
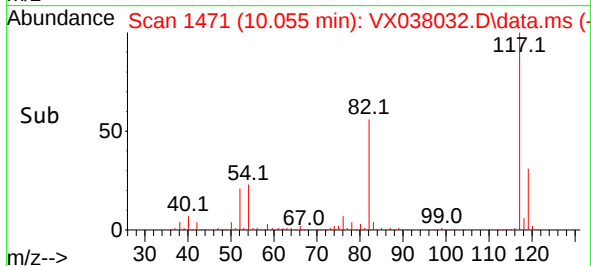
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 22121
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.9 25.5 38.3

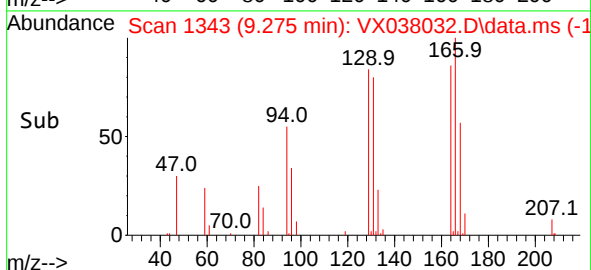
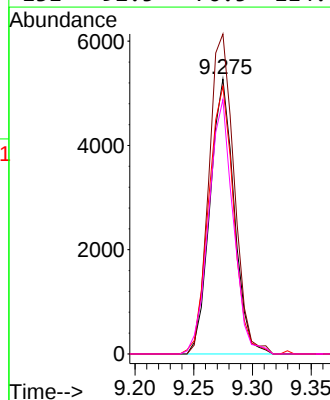
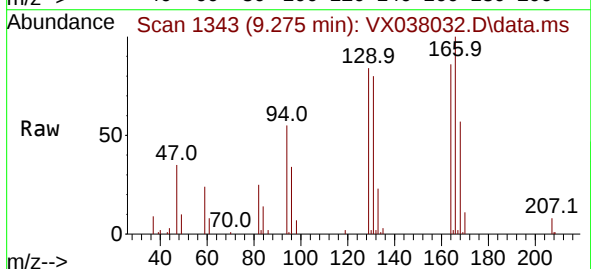
Manual Integrations
APPROVED

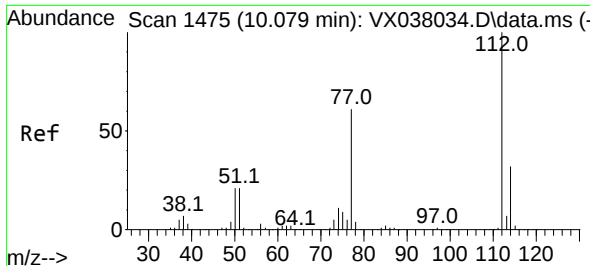
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#64
Tetrachloroethene
Concen: 5.034 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

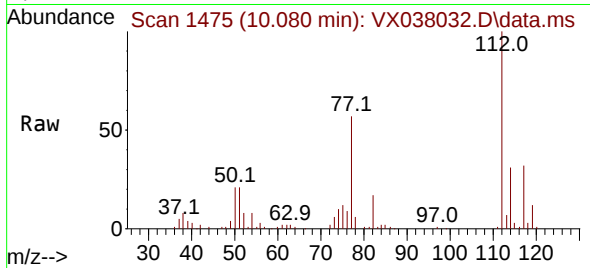
Tgt Ion:164 Resp: 7473
Ion Ratio Lower Upper
164 100
166 116.4 102.7 154.1
129 97.3 80.4 120.6
131 92.5 76.5 114.7





#65
Chlorobenzene
Concen: 5.118 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

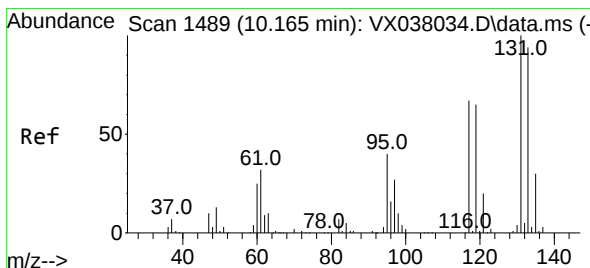
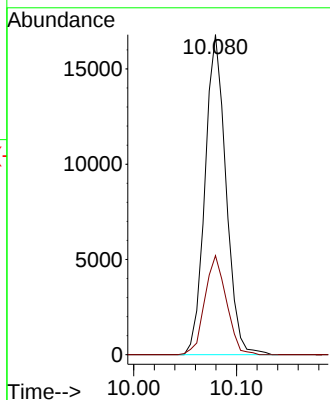
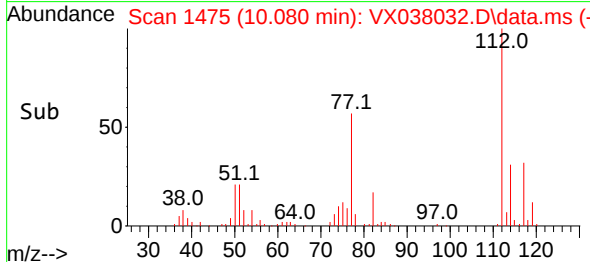
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



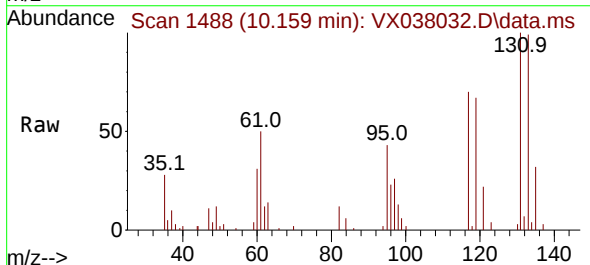
Tgt Ion:112 Resp: 23850
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

Manual Integrations
APPROVED

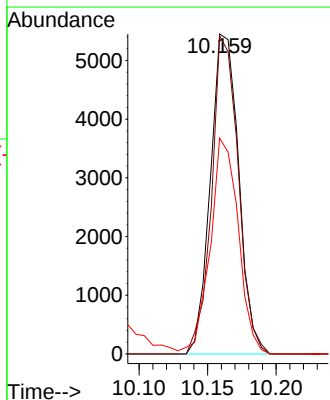
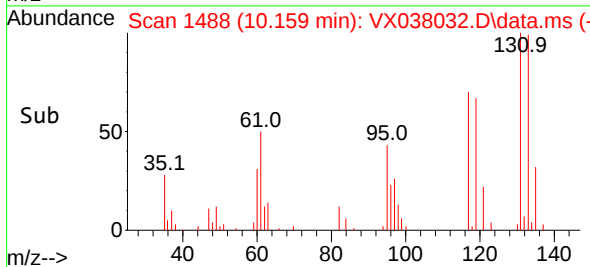
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

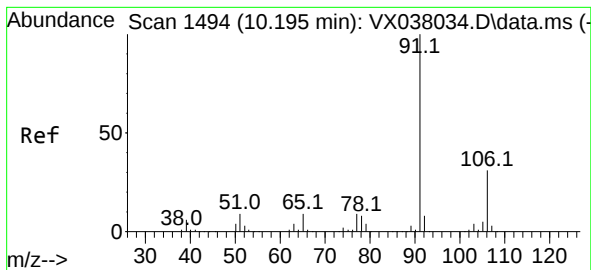


#66
1,1,1,2-Tetrachloroethane
Concen: 4.877 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



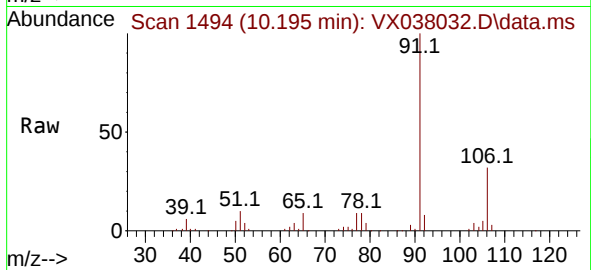
Tgt Ion:131 Resp: 7790
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 66.9 32.2 96.6





#67
Ethyl Benzene
Concen: 5.021 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

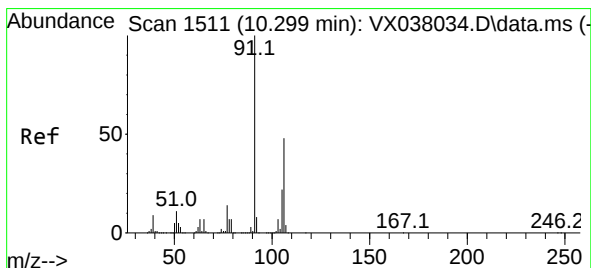
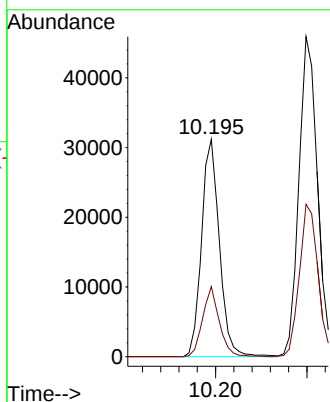
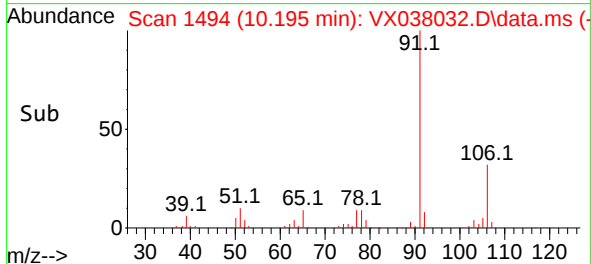
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



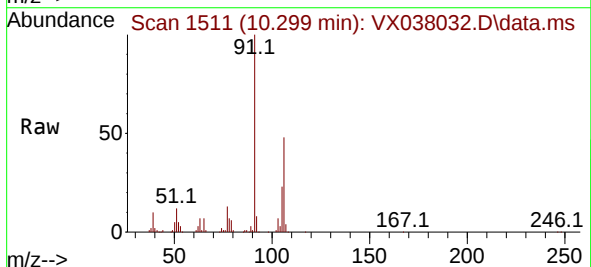
Tgt Ion: 91 Resp: 42239
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

Manual Integrations
APPROVED

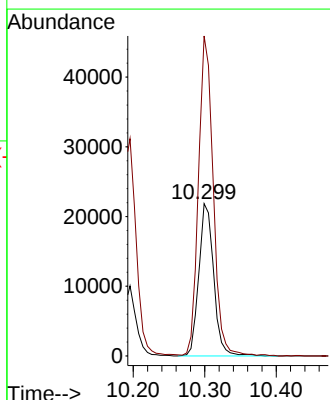
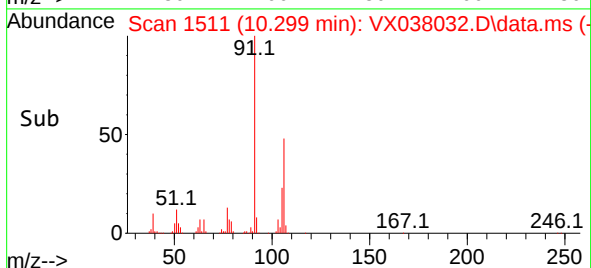
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

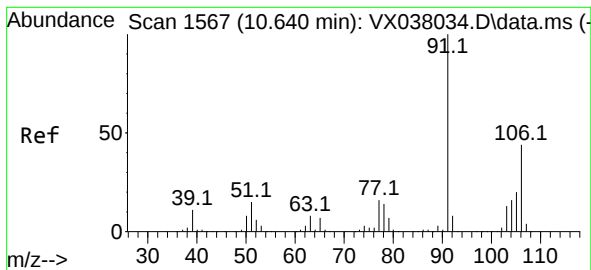


#68
m/p-Xylenes
Concen: 9.758 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion:106 Resp: 31598
Ion Ratio Lower Upper
106 100
91 208.6 165.5 248.3





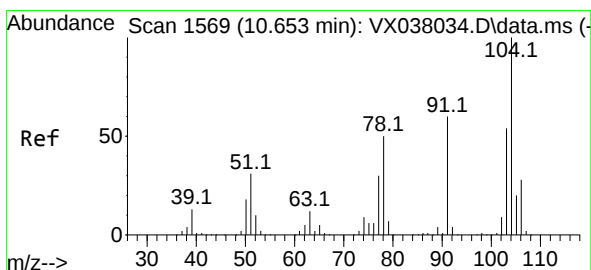
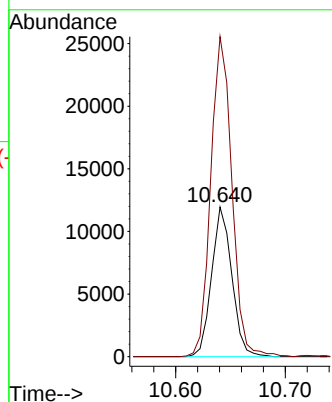
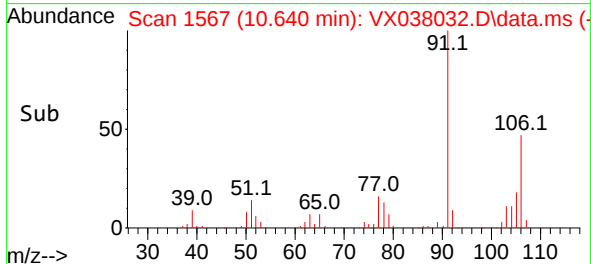
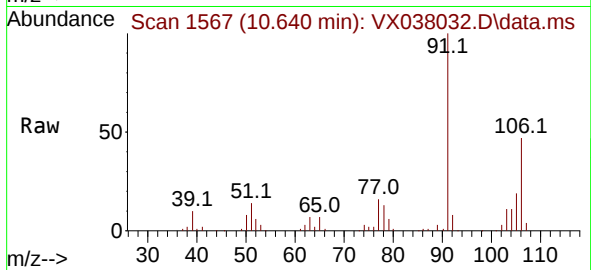
#69
o-Xylene
Concen: 4.969 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1535
Ion Ratio Lower Upper
106 100
91 223.0 108.9 326.8

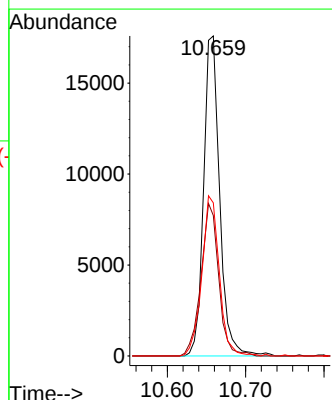
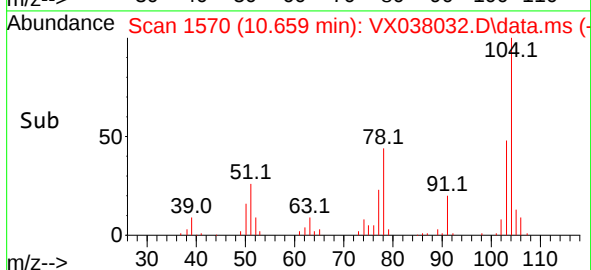
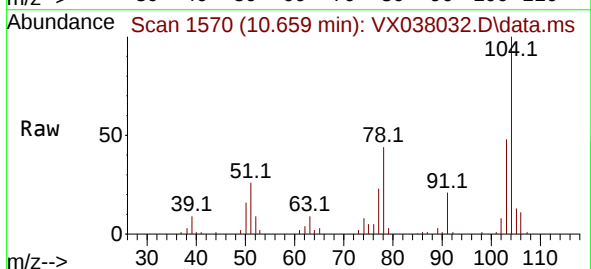
Manual Integrations
APPROVED

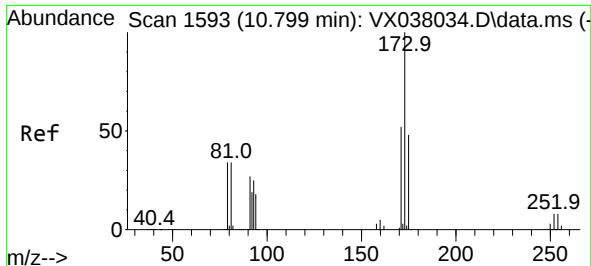
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#70
Styrene
Concen: 4.871 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

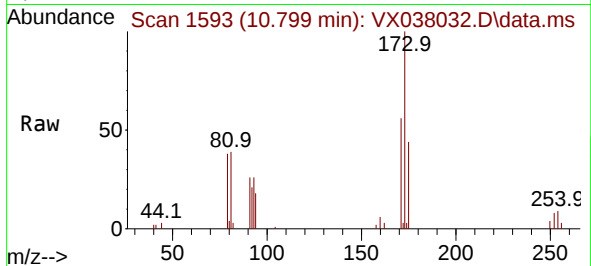
Tgt Ion:104 Resp: 24991
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 4.360 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

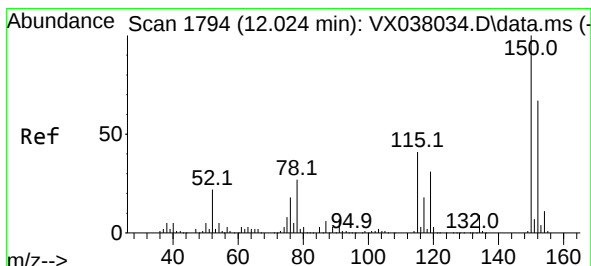
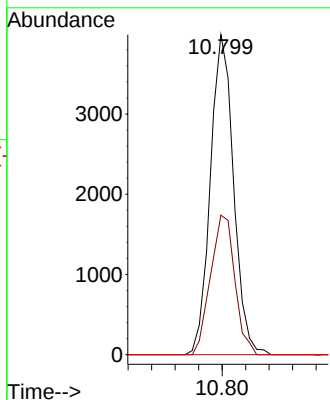
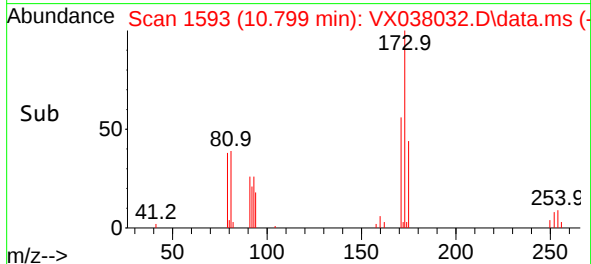
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:173 Resp: 5460
Ion Ratio Lower Upper
173 100
175 45.7 24.1 72.4
254 0.0 0.0 0.0

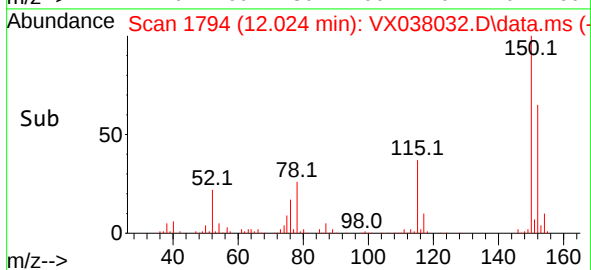
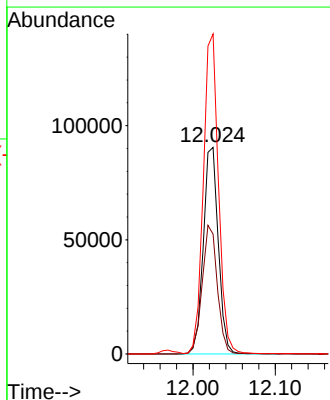
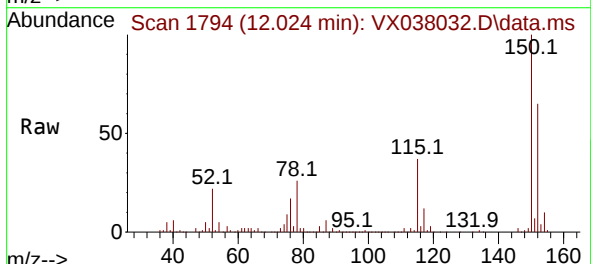
Manual Integrations
APPROVED

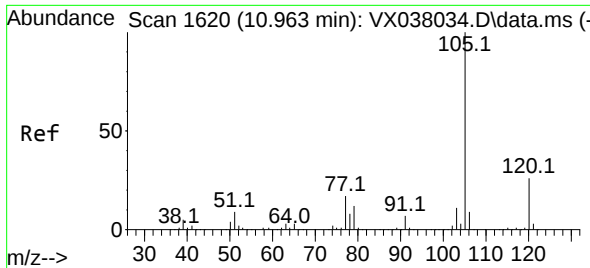
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion:152 Resp: 114664
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 155.8 0.0 345.0





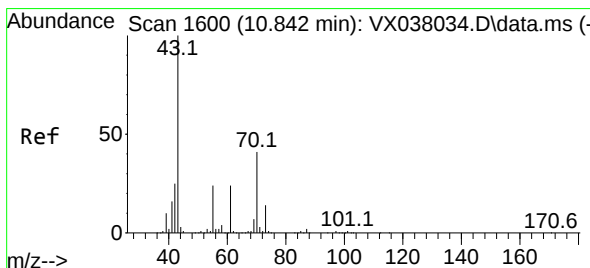
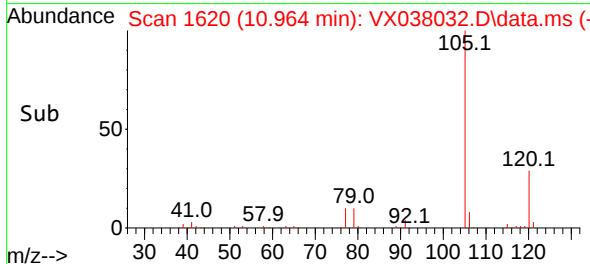
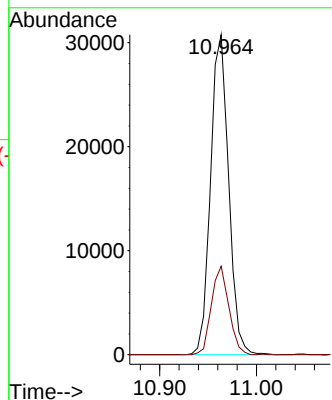
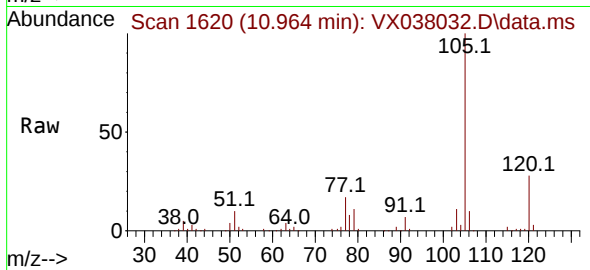
#73
Isopropylbenzene
Concen: 5.066 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 39994
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

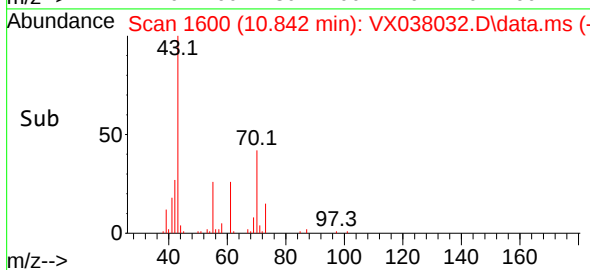
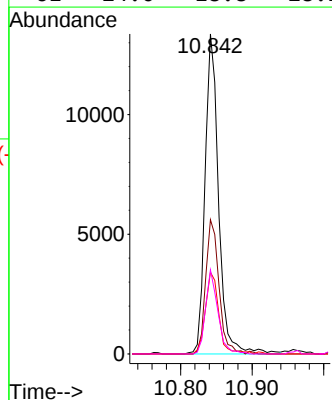
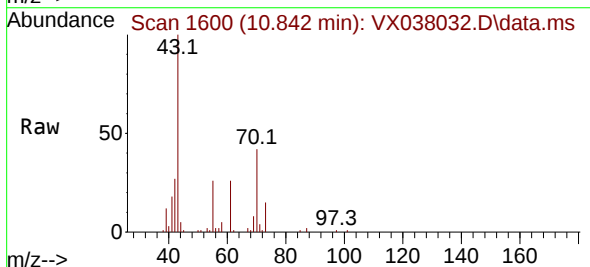
Manual Integrations
APPROVED

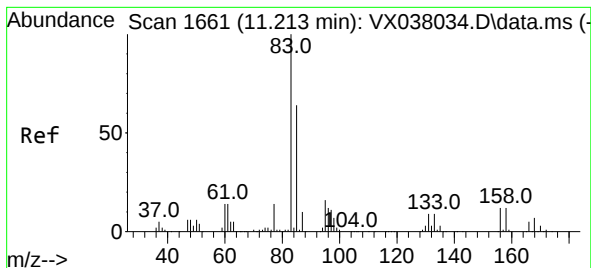
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#74
N-ethyl acetate
Concen: 4.910 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion: 43 Resp: 17565
Ion Ratio Lower Upper
43 100
70 41.1 32.9 49.3
55 25.4 19.3 28.9
61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.419 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

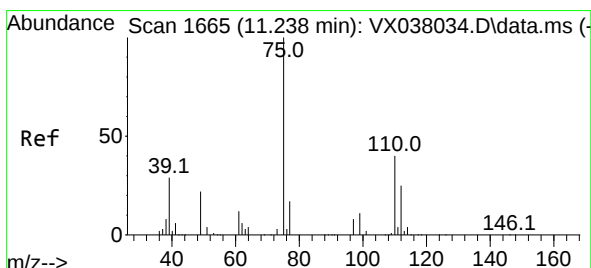
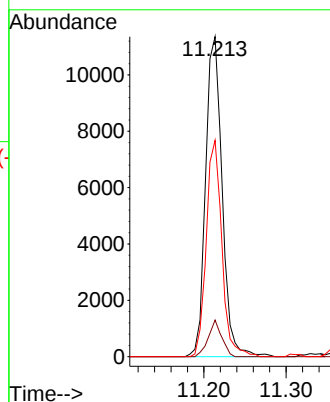
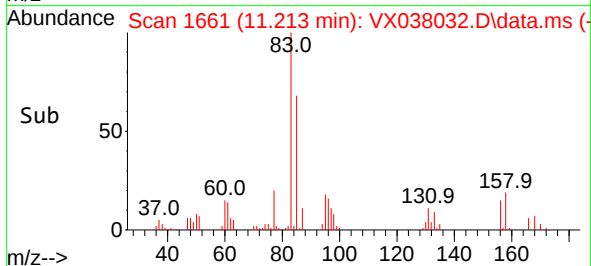
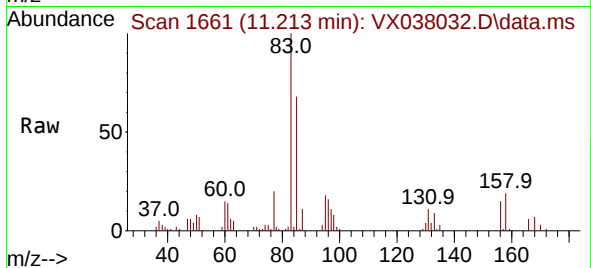
Tgt Ion: 83 Resp: 15880
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.3 15.8
 85 63.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#76

1,2,3-Trichloropropane

Concen: 5.360 ug/l m

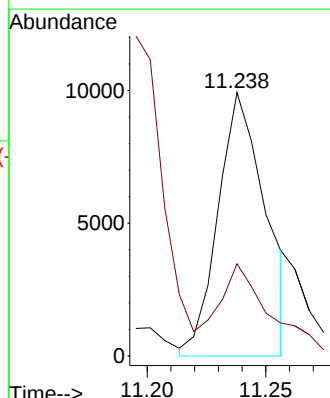
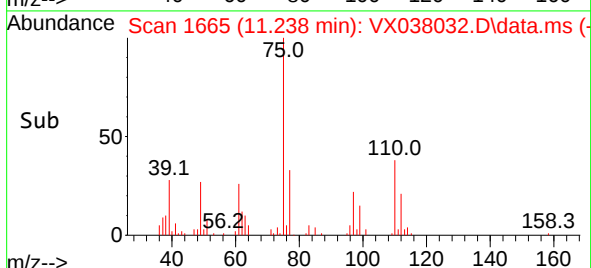
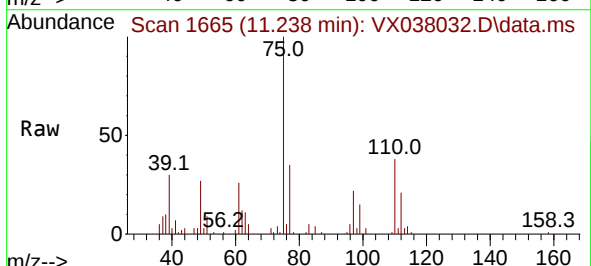
RT: 11.238 min Scan# 1665

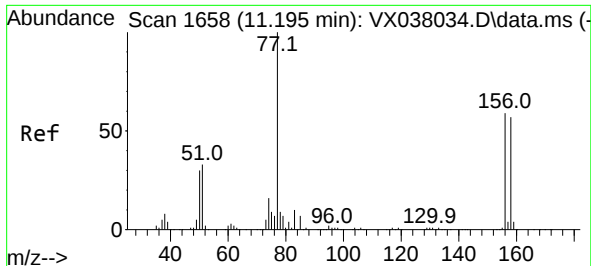
Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

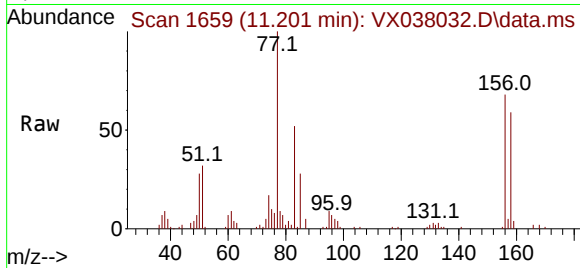
Tgt Ion: 75 Resp: 13740
 Ion Ratio Lower Upper
 75 100
 77 39.3 19.1 57.5





#77
Bromobenzene
Concen: 5.131 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

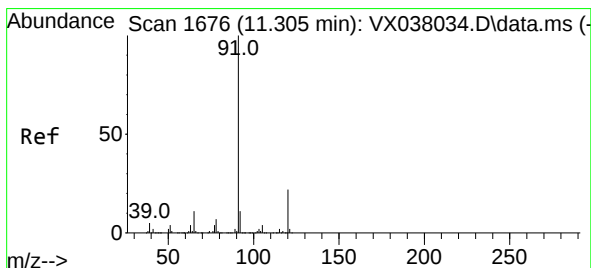
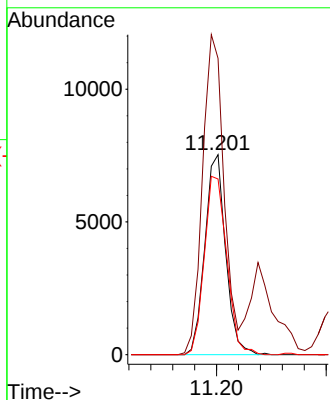
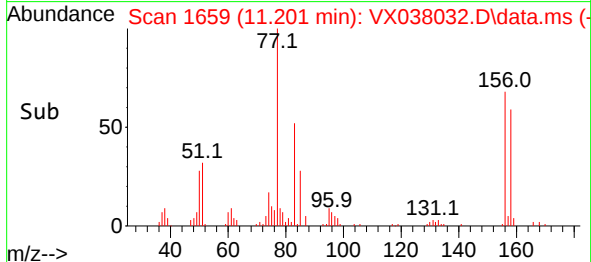
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 991
Ion Ratio Lower Upper
156 100
77 164.7 88.4 265.3
158 96.2 48.0 144.0

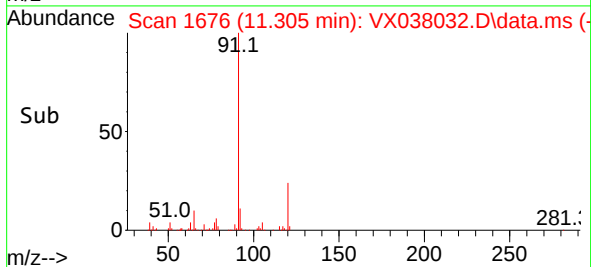
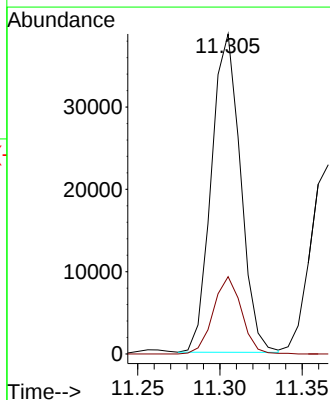
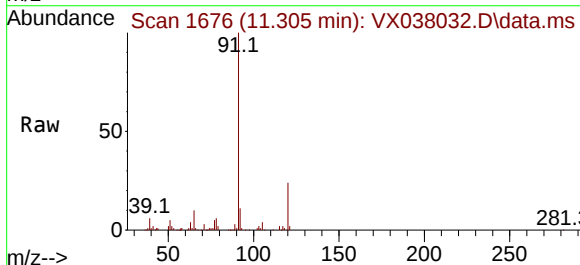
Manual Integrations
APPROVED

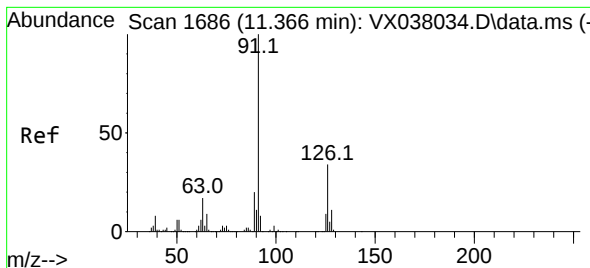
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#78
n-propylbenzene
Concen: 4.934 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

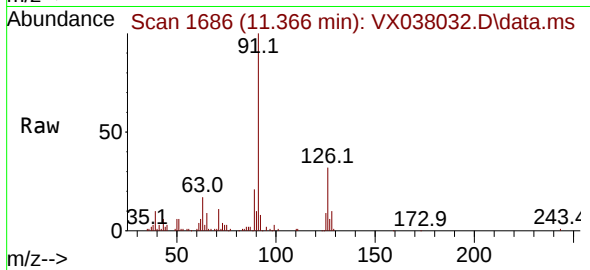
Tgt Ion: 91 Resp: 47747
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

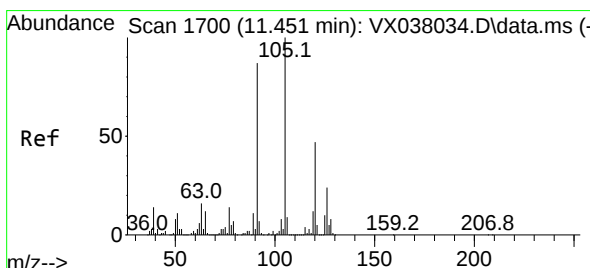
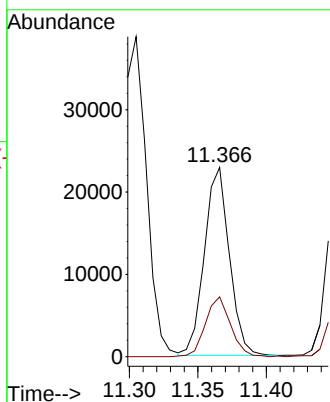
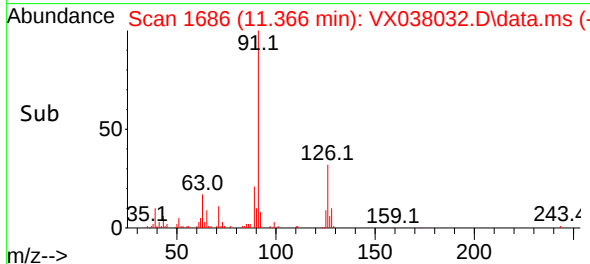
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



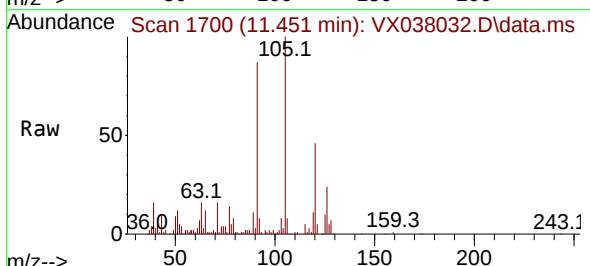
Tgt Ion: 91 Resp: 28950
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

Manual Integrations
APPROVED

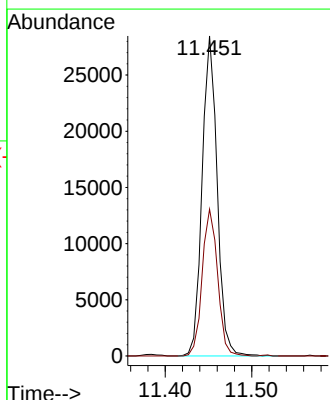
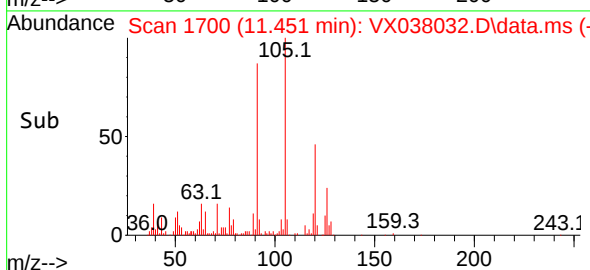
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

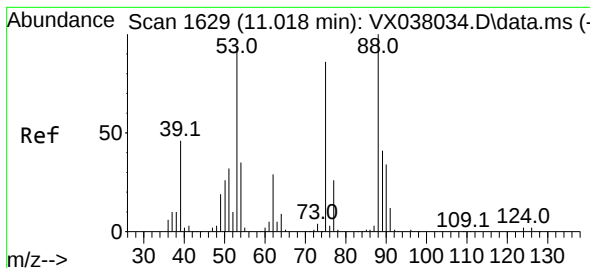


#80
1,3,5-Trimethylbenzene
Concen: 5.083 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



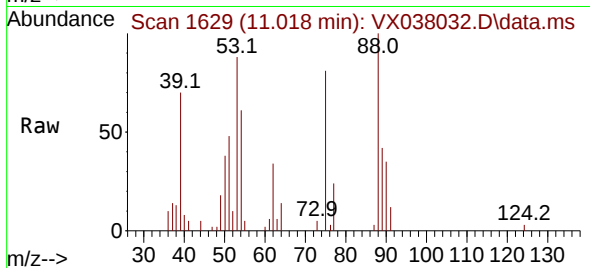
Tgt Ion:105 Resp: 34344
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.008 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

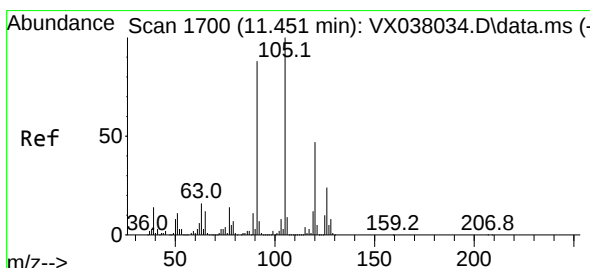
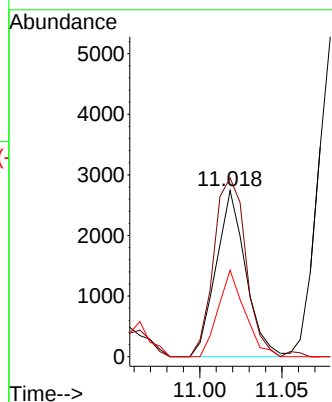
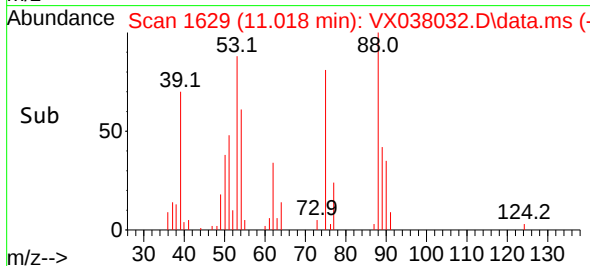
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3439
Ion Ratio Lower Upper
75 100
53 116.6 90.5 135.7
89 46.9 36.9 55.3

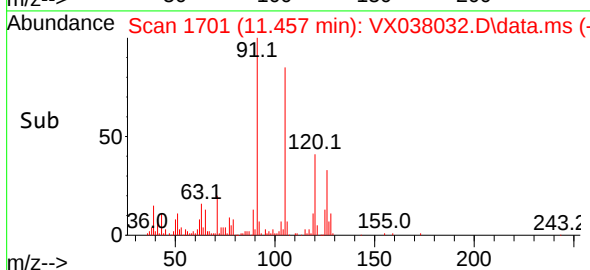
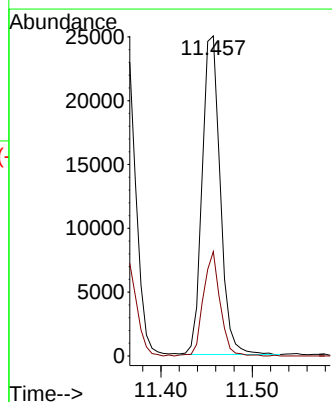
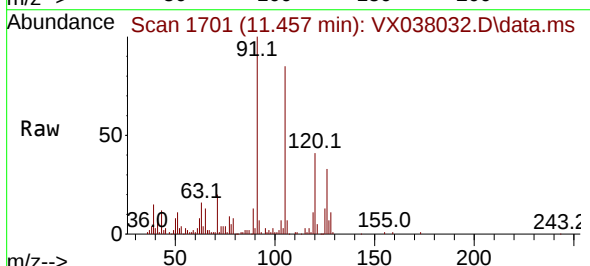
Manual Integrations
APPROVED

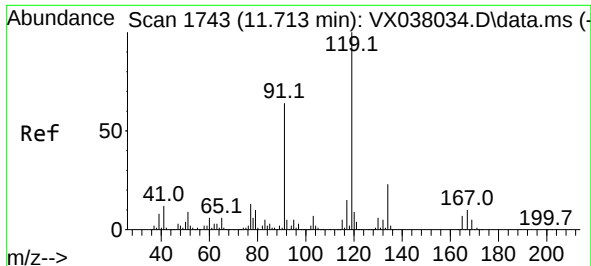
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#82
4-Chlorotoluene
Concen: 5.047 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

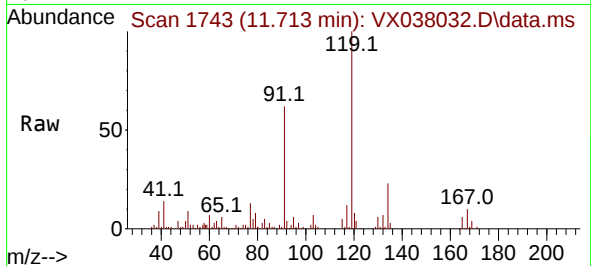
Tgt Ion: 91 Resp: 34231
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.993 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

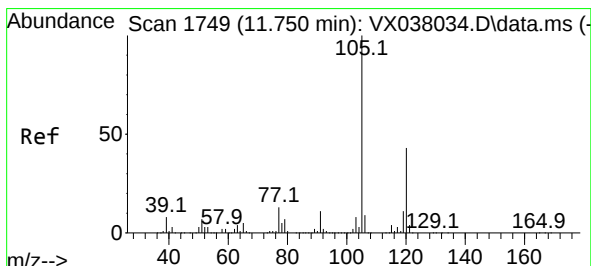
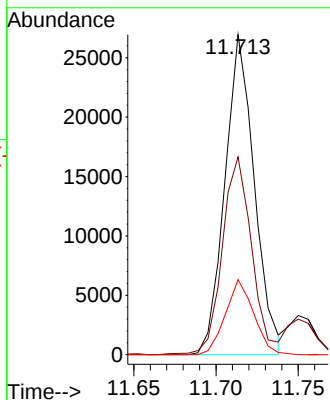
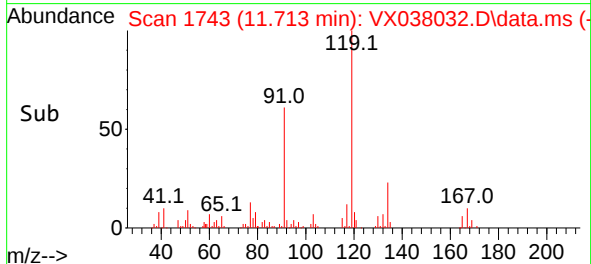
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



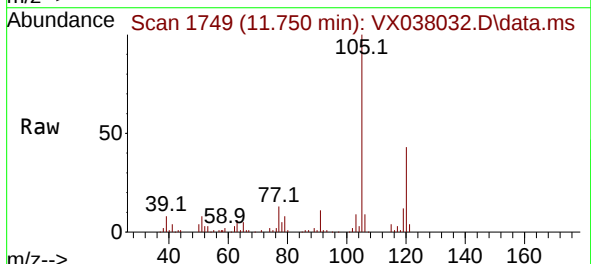
Tgt Ion:119 Resp: 3359
Ion Ratio Lower Upper
119 100
91 61.7 31.2 93.6
134 22.6 11.7 35.0

Manual Integrations
APPROVED

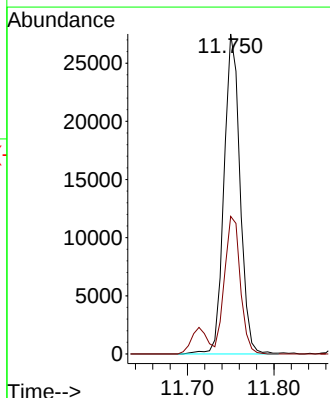
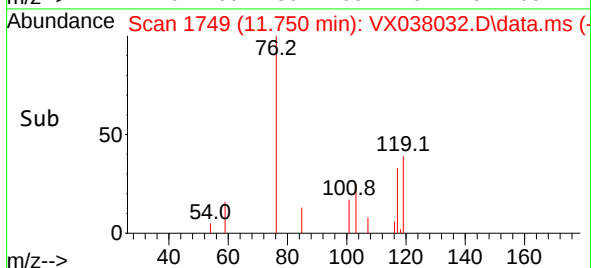
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

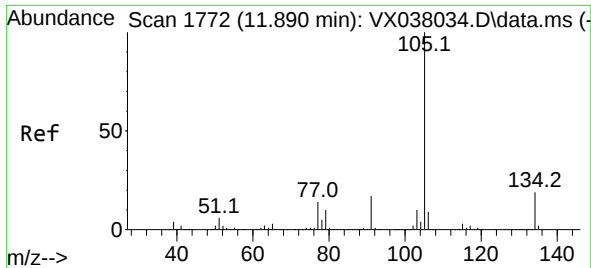


#84
1,2,4-Trimethylbenzene
Concen: 5.193 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



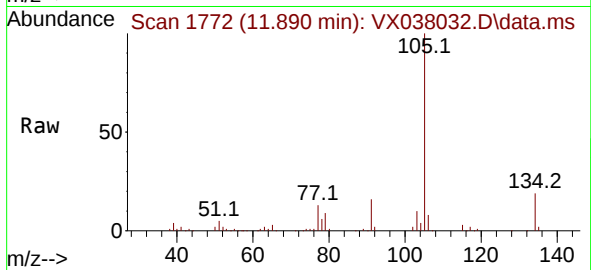
Tgt Ion:105 Resp: 35302
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 5.104 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27

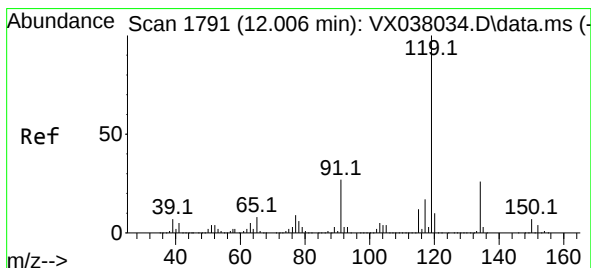
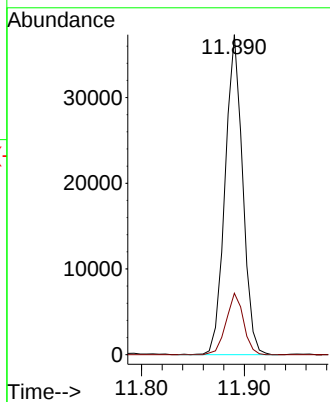
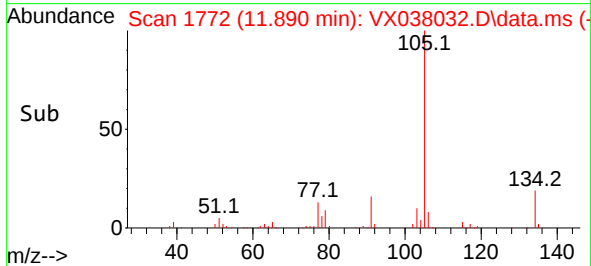
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



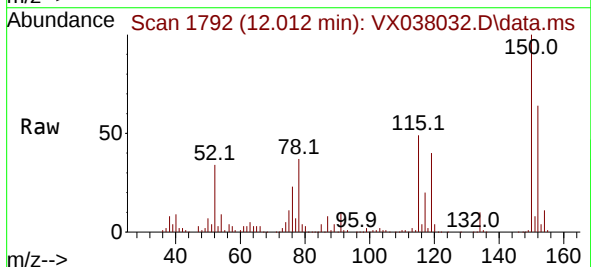
Tgt Ion:105 Resp: 4426
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

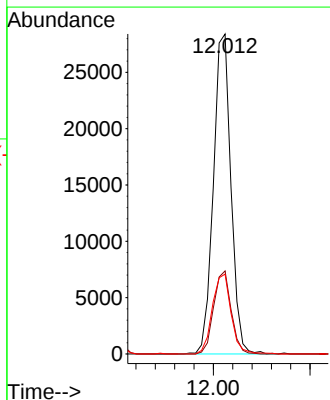
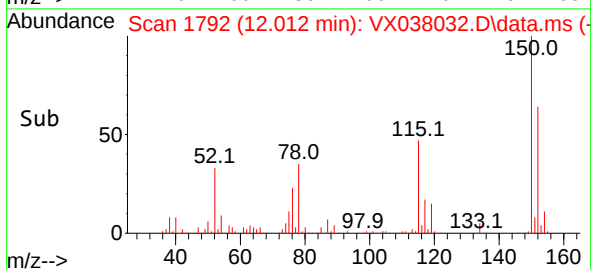
Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

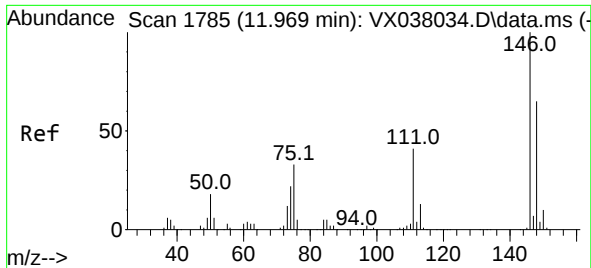


#86
 p-Isopropyltoluene
 Concen: 5.015 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038032.D
 Acq: 03 Oct 2023 11:27



Tgt Ion:119 Resp: 35737
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.000 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 1935

Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.1

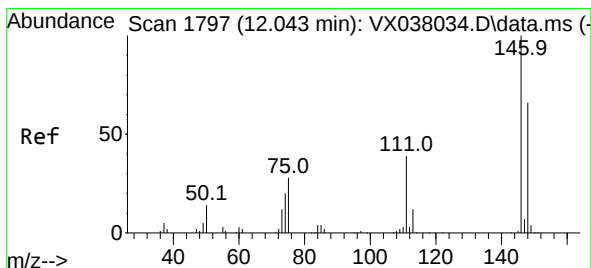
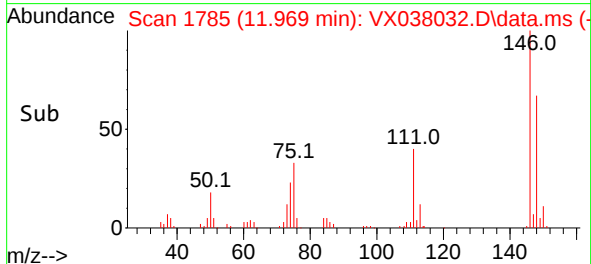
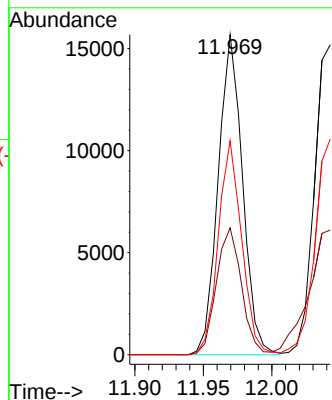
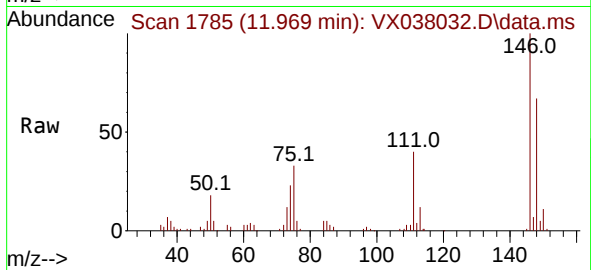
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#88

1,4-Dichlorobenzene

Concen: 5.099 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

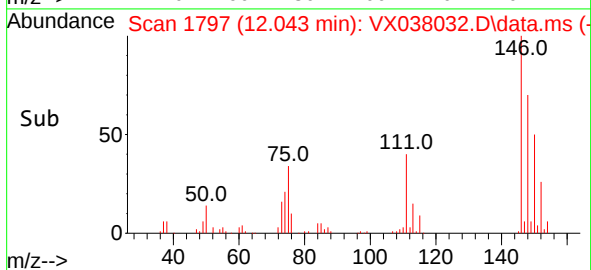
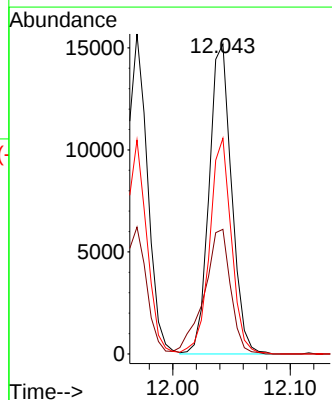
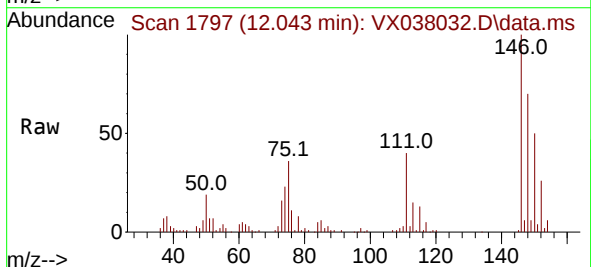
Tgt Ion:146 Resp: 20163

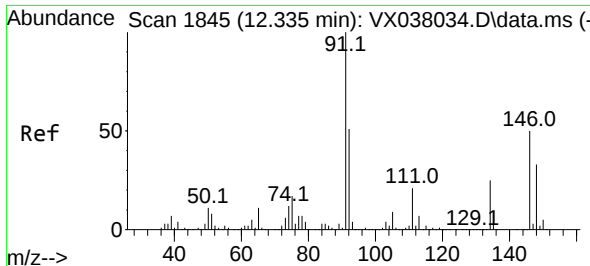
Ion Ratio Lower Upper

146 100

111 47.5 21.3 63.7

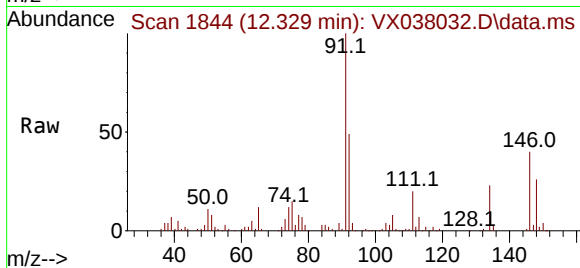
148 67.7 31.8 95.4





#89
n-Butylbenzene
Concen: 4.986 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

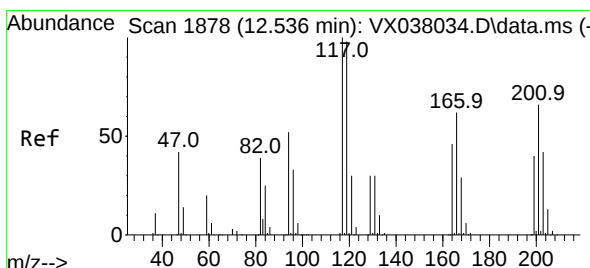
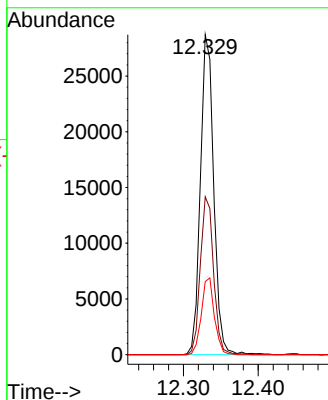
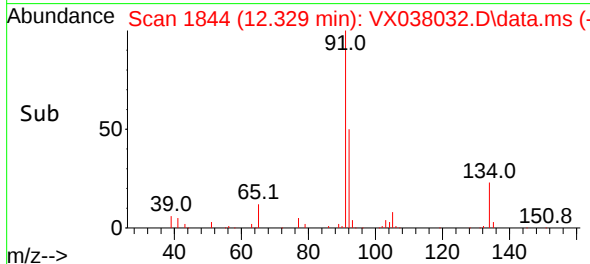
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 35608
Ion Ratio Lower Upper
91 100
92 49.2 27.4 82.0
134 23.4 12.6 37.8

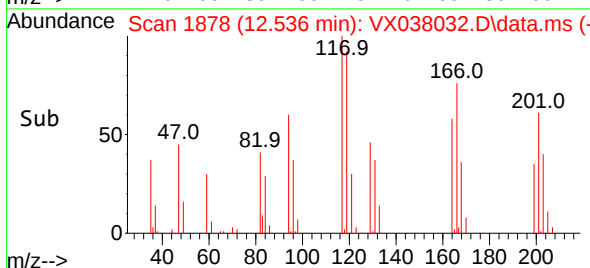
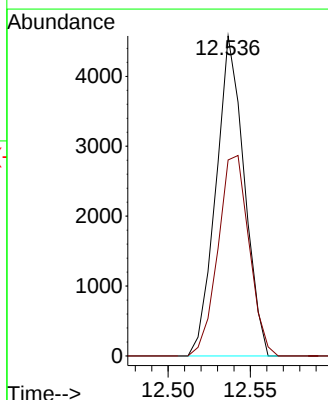
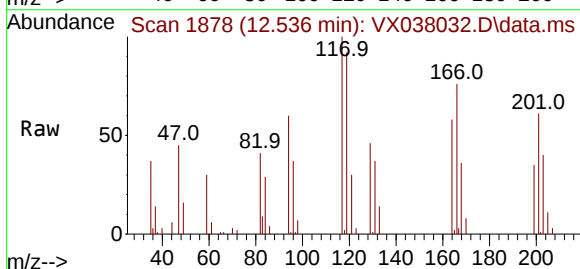
Manual Integrations
APPROVED

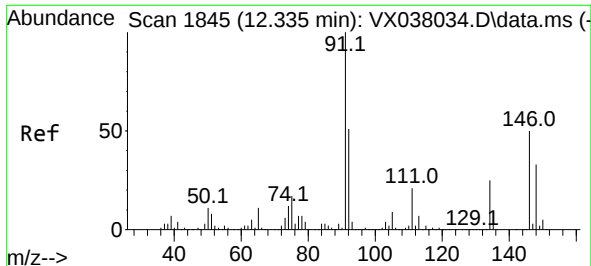
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023



#90
Hexachloroethane
Concen: 4.567 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

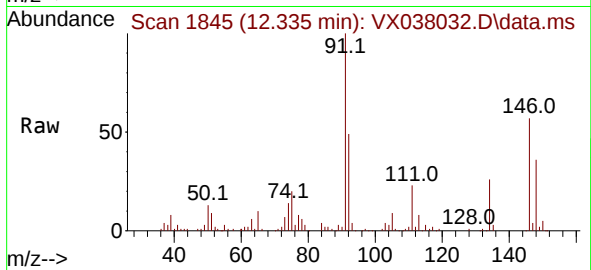
Tgt Ion:117 Resp: 5475
Ion Ratio Lower Upper
117 100
201 69.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.250 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

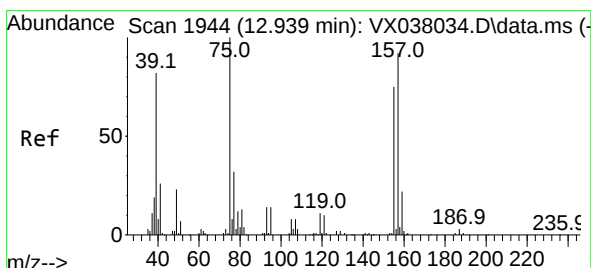
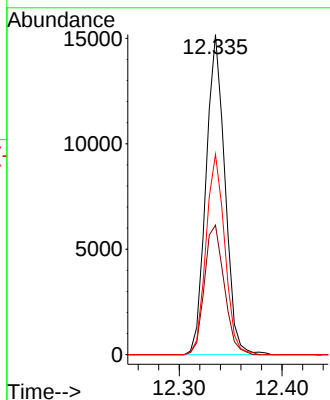
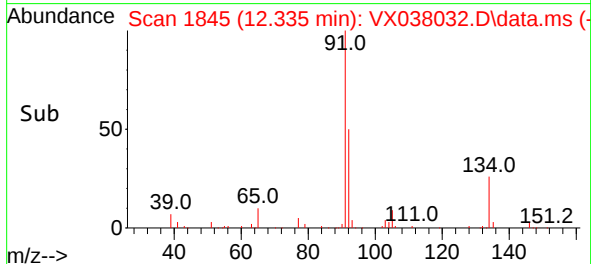
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



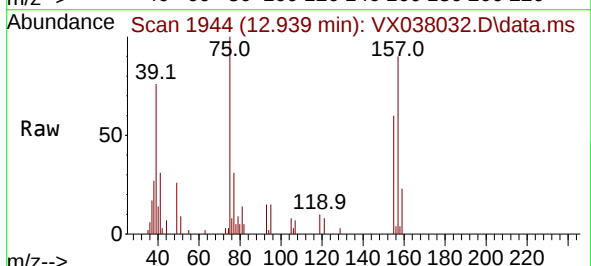
Tgt Ion:146 Resp: 19398
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 62.1 31.6 95.0

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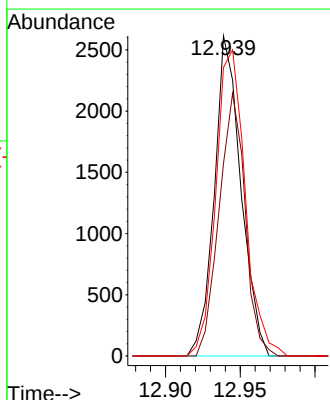
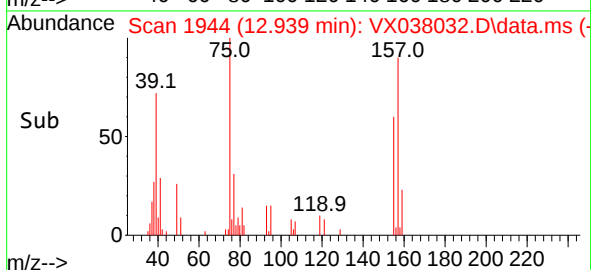
Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

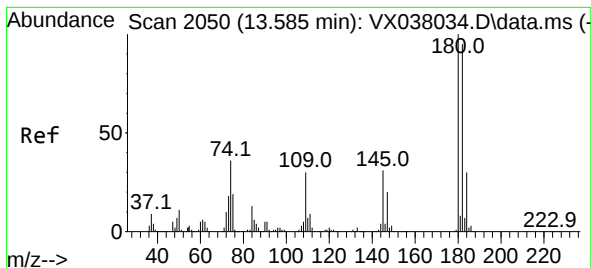


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.689 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27



Tgt Ion: 75 Resp: 3241
Ion Ratio Lower Upper
75 100
155 79.8 36.1 108.5
157 105.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.966 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

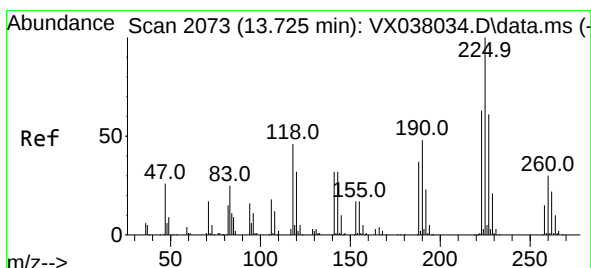
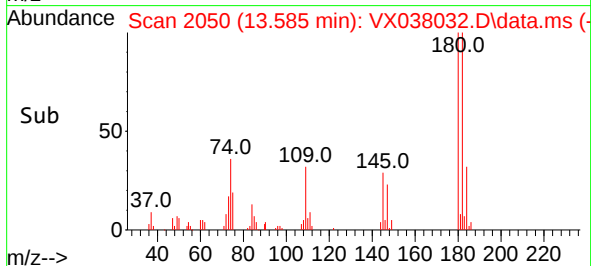
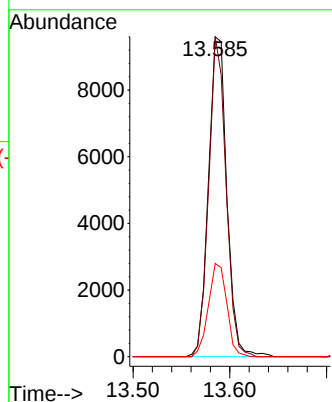
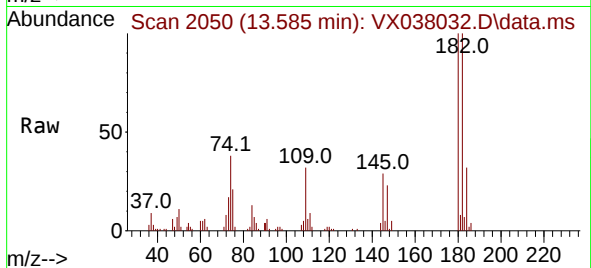
Tgt Ion:	180	Resp:	12704
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.3	144.8
145	29.1	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2023

Supervised By :Semsettin Yesilyurt 10/04/2023



#94

Hexachlorobutadiene

Concen: 4.972 ug/l

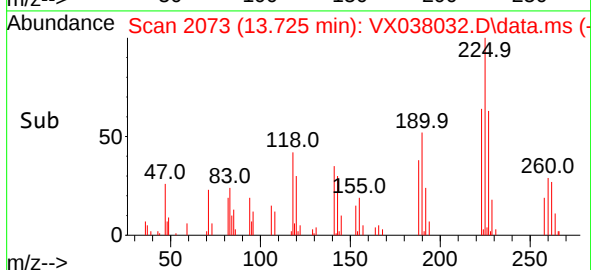
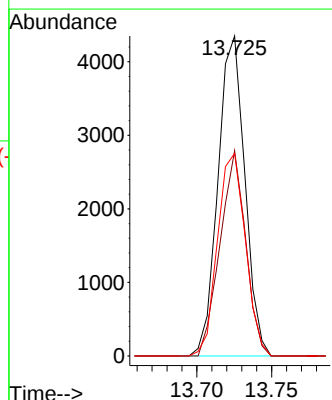
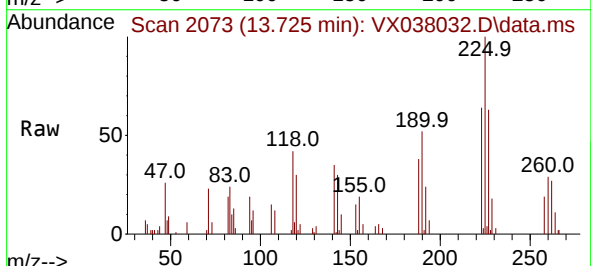
RT: 13.725 min Scan# 2073

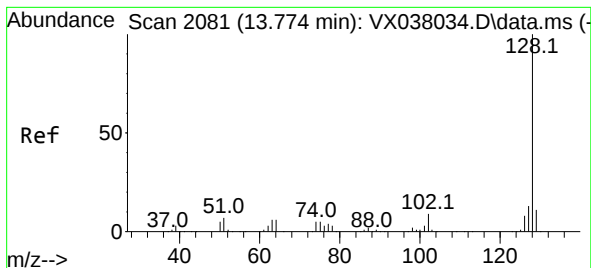
Delta R.T. 0.000 min

Lab File: VX038032.D

Acq: 03 Oct 2023 11:27

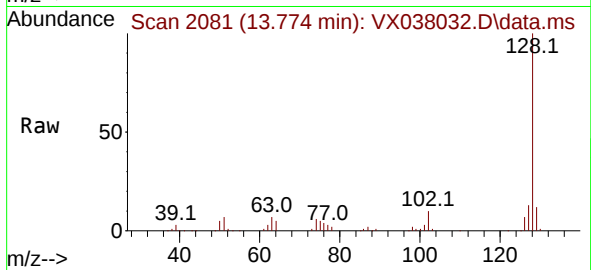
Tgt Ion:	225	Resp:	5428
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.1	93.2
227	65.7	32.5	97.5





#95
Naphthalene
Concen: 4.945 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

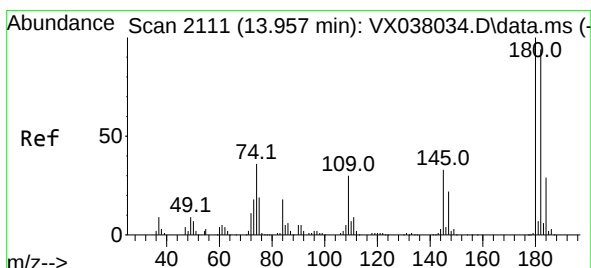
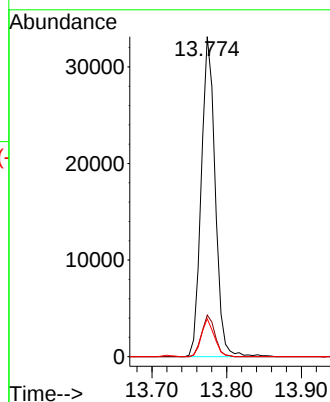
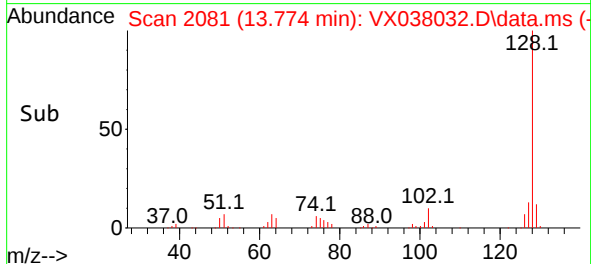
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 42862
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.080 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038032.D
Acq: 03 Oct 2023 11:27

Tgt Ion:180 Resp: 12567
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 34.1 17.8 53.5

