

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036238.D
 Acq On : 20 Jun 2023 13:20
 Operator : JC/MD
 Sample : 03291-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Jun 21 02:00:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126315	68.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 136.440%#			
35) Dibromofluoromethane	5.385	113	78249	56.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	8.647	98	274690	54.501	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.000%			
62) 4-Bromofluorobenzene	11.079	95	128369	63.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	391	0.297	ug/l #	43
5) Bromomethane	1.630	94	266	0.345	ug/l #	3
11) Tert butyl alcohol	2.995	59	478	1.689	ug/l #	78
13) Acrolein	2.215	56	20223	64.329	ug/l #	1
14) Allyl chloride	2.715	41	34230	15.463	ug/l #	24
15) Acrylonitrile	3.105	53	41406	57.178	ug/l #	41
16) Acetone	2.392	43	19685	25.588	ug/l	94
17) Carbon Disulfide	2.514	76	1198	0.443	ug/l #	82
18) Methyl Acetate	2.782	43	637940	218.644	ug/l #	53
20) Methylene Chloride	2.721	84	10223	7.334	ug/l #	15
21) trans-1,2-Dichloroethene	3.093	96	296	0.244	ug/l #	4
23) Vinyl Acetate	3.727	43	8100	2.594	ug/l #	79
25) 2-Butanone	4.568	43	11010	10.223	ug/l	100
26) 2,2-Dichloropropane	4.428	77	694	0.367	ug/l #	54
29) Tetrahydrofuran	5.038	42	430	0.629	ug/l #	34
30) Chloroform	5.172	83	24780	9.668	ug/l #	29
31) Cyclohexane	5.477	56	504409	253.928	ug/l	98
37) Ethyl Acetate	4.794	43	2330	0.985	ug/l #	1
38) Carbon Tetrachloride	5.550	117	11617	5.888	ug/l #	14
39) Methylcyclohexane	7.379	83	353444	161.691	ug/l	93
40) Benzene	6.037	78	44922	7.870	ug/l	99
41) Methacrylonitrile	4.946	41	1787	1.371	ug/l #	25
43) Isopropyl Acetate	6.361	43	15402	4.256	ug/l #	64
45) 1,2-Dichloropropane	7.379	63	5411	3.566	ug/l #	1
46) Dibromomethane	7.568	93	1079	0.998	ug/l #	9
47) Bromodichloromethane	7.775	83	3502	1.687	ug/l #	83
48) Methyl methacrylate	7.659	41	45718	24.623	ug/l #	59
51) 4-Methyl-2-Pentanone	8.598	43	6670	2.919	ug/l #	69
52) Toluene	8.720	92	844122	236.217	ug/l	100
55) 1,1,2-Trichloroethane	9.104	97	34609	23.460	ug/l #	21
56) Ethyl methacrylate	9.104	69	8812	3.954	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.281	63	253	0.206	ug/l #	47
59) 2-Hexanone	9.439	43	5262	3.097	ug/l	85
60) Dibromochloromethane	9.275	129	532	0.369	ug/l #	11
64) Tetrachloroethene	9.275	164	410	0.334	ug/l	86
65) Chlorobenzene	10.079	112	1899	0.464	ug/l	93

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

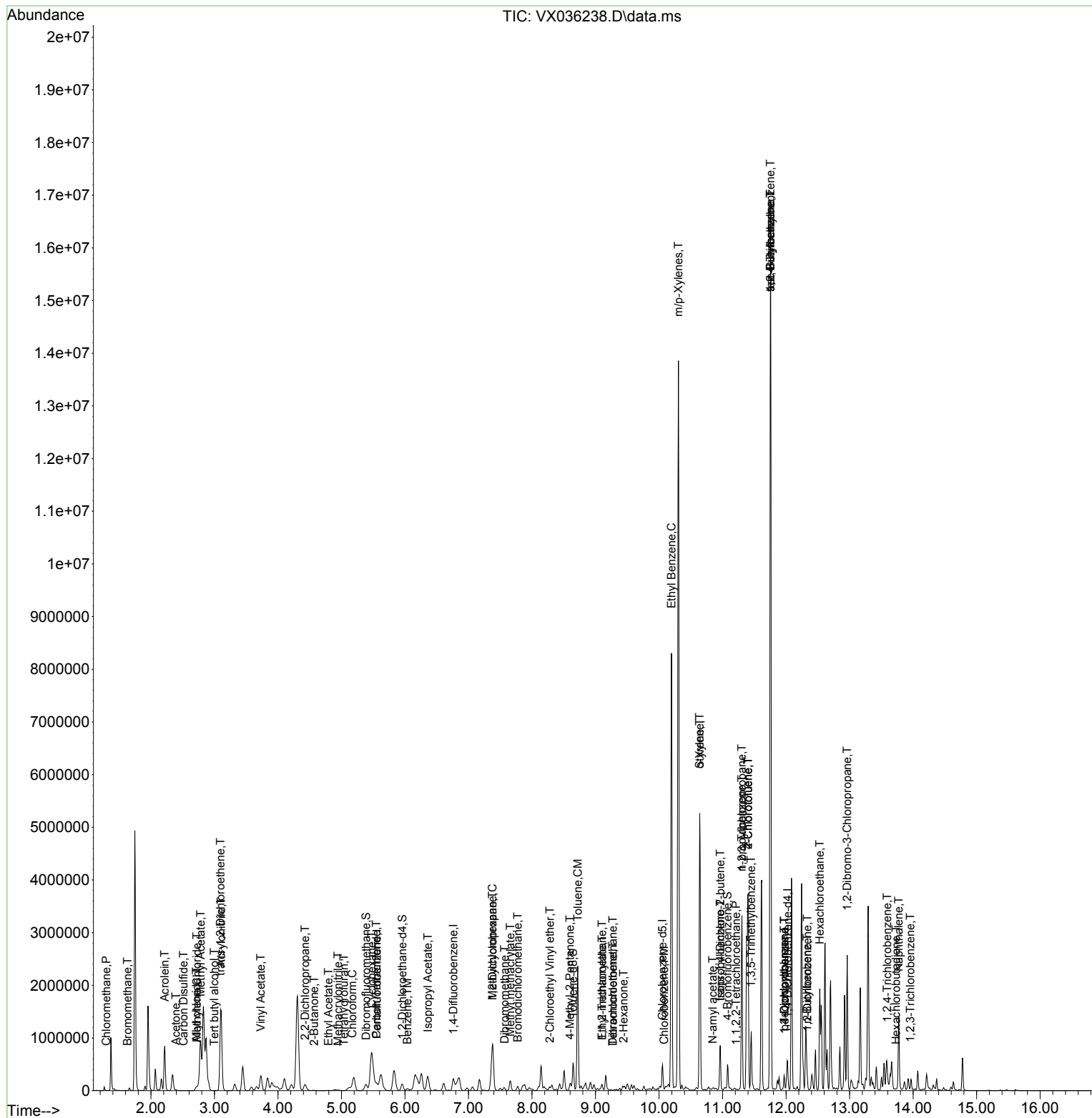
67) Ethyl Benzene	10.195	91	4428151	605.810	ug/l	95
68) m/p-Xylenes	10.305	106	3111237	1128.175	ug/l	93
69) o-Xylene	10.640	106	1051003	386.279	ug/l	98
70) Styrene	10.640	104	59690	13.166	ug/l #	1
73) Isopropylbenzene	10.963	105	404089	59.380	ug/l	99
74) N-amyl acetate	10.848	43	1610	0.524	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	697	0.299	ug/l #	26
76) 1,2,3-Trichloropropane	11.305	75	13240	6.083	ug/l #	1
78) n-propylbenzene	11.305	91	1857011	231.966	ug/l	98
79) 2-Chlorotoluene	11.402	91	403860	80.206	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	442146	76.302	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.963	75	5282	8.494	ug/l #	63
82) 4-Chlorotoluene	11.402	91	403860	68.837	ug/l #	46
83) tert-Butylbenzene	11.756	119	880662	159.863	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.756	105	6593733	1140.808	ug/l	90
85) sec-Butylbenzene	11.756	105	6593733	961.276	ug/l #	57
86) p-Isopropyltoluene	11.969	119	101538	17.594	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	2242	0.737	ug/l	87
88) 1,4-Dichlorobenzene	11.975	146	2242	0.720	ug/l	86
89) n-Butylbenzene	12.329	91	179484	34.849	ug/l #	36
90) Hexachloroethane	12.530	117	75529	83.435	ug/l #	18
91) 1,2-Dichlorobenzene	12.335	146	4873	1.633	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.963	75	8420	16.383	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	2301	1.360	ug/l #	1
94) Hexachlorobutadiene	13.731	225	727	1.087	ug/l	92
95) Naphthalene	13.774	128	791016	135.563	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	2066	1.218	ug/l #	1

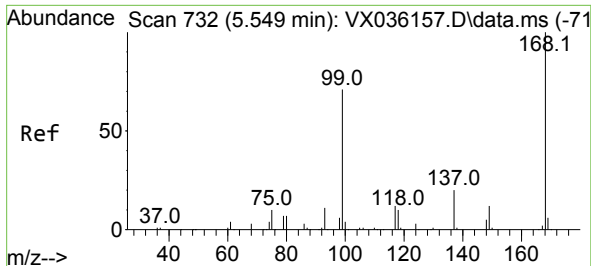
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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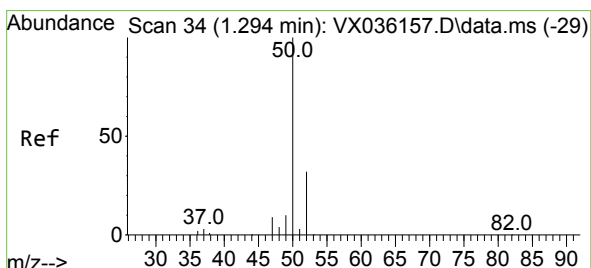
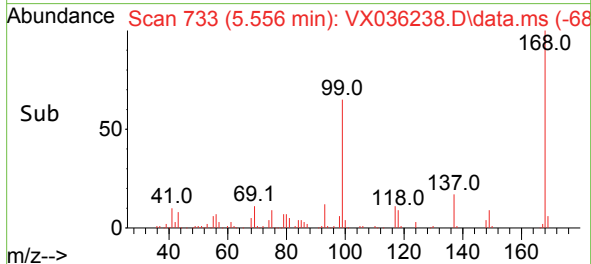
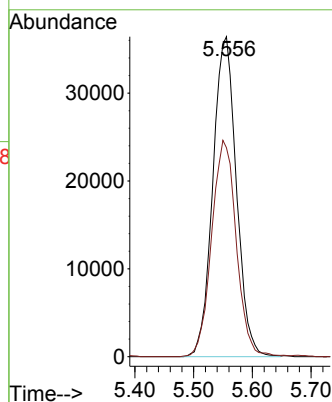
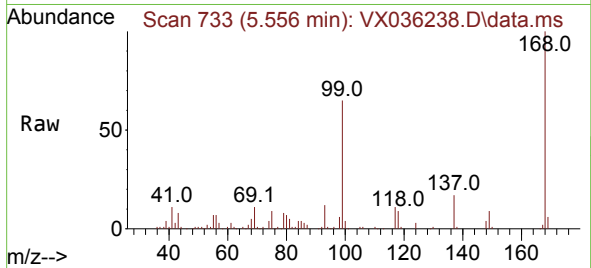




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

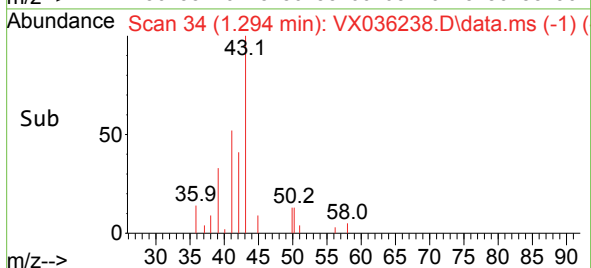
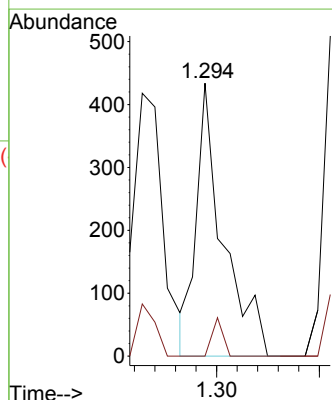
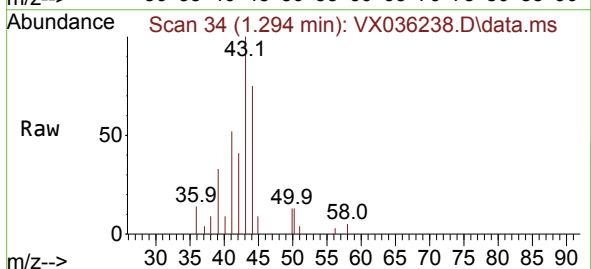
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ClientSampleId :
MW-5B

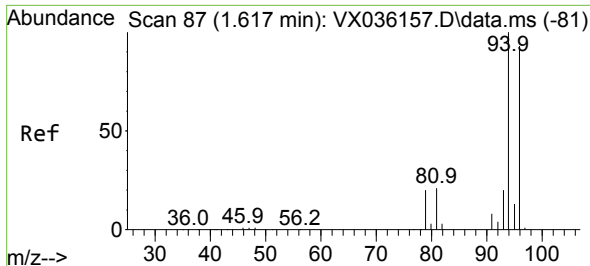
Tgt Ion:168 Resp: 101326
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

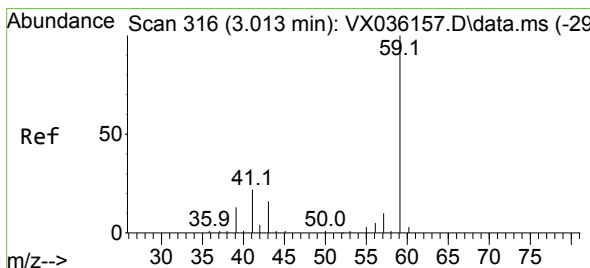
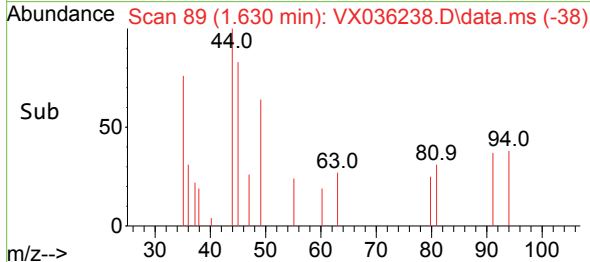
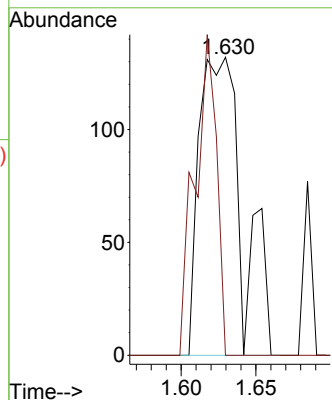
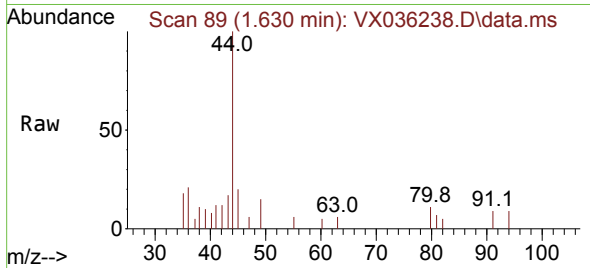




#5
Bromomethane
Concen: 0.345 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

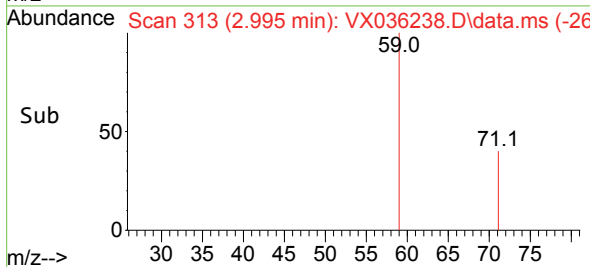
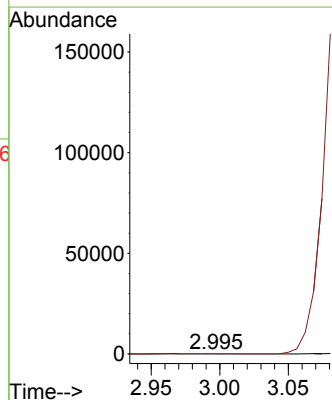
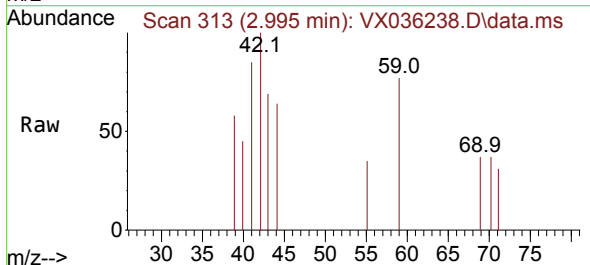
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

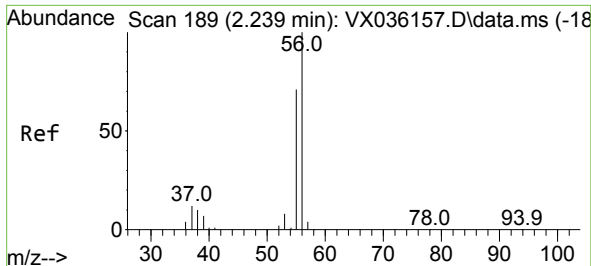
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#11
Tert butyl alcohol
Concen: 1.689 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 59 Resp: 478
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

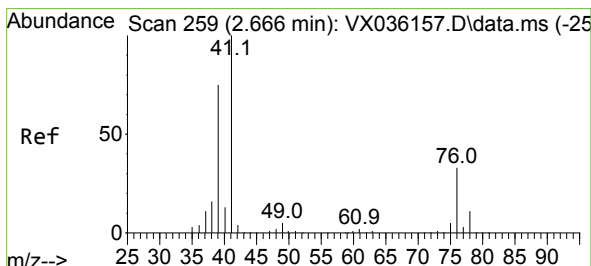
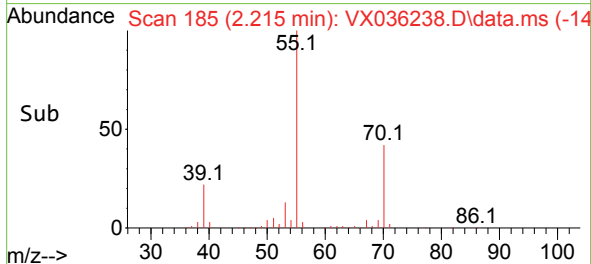
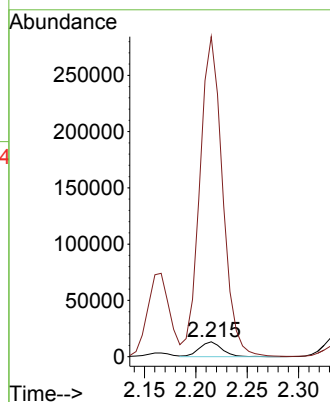
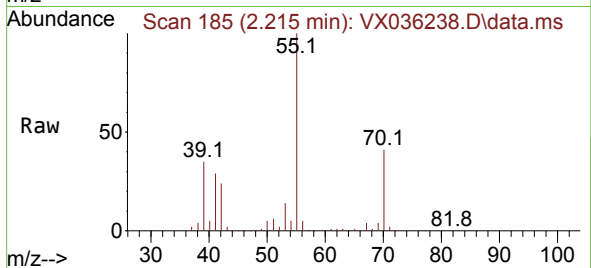




#13
Acrolein
Concen: 64.329 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

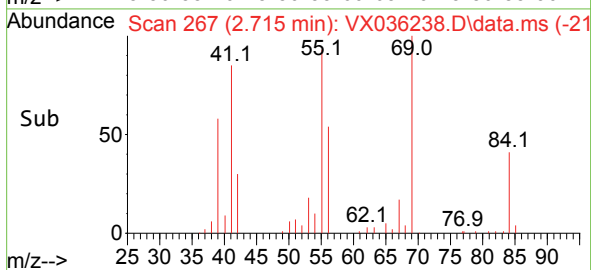
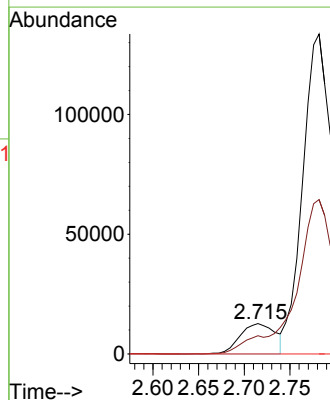
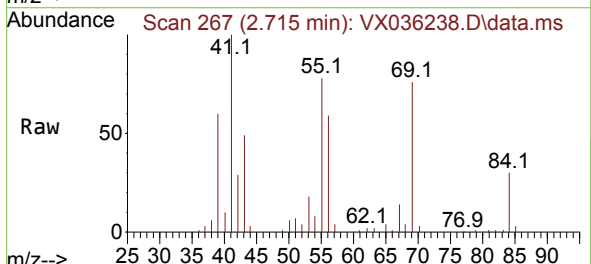
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

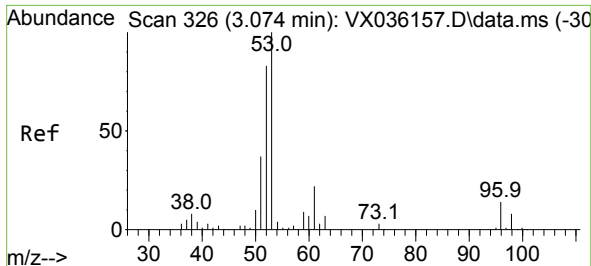
Tgt Ion: 56 Resp: 20223
Ion Ratio Lower Upper
56 100
55 2177.6 57.1 85.7#



#14
Allyl chloride
Concen: 15.463 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.049 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 41 Resp: 34230
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 57.178 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

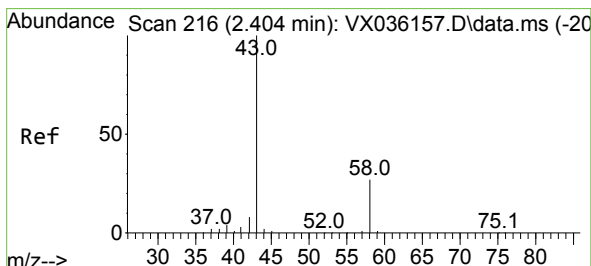
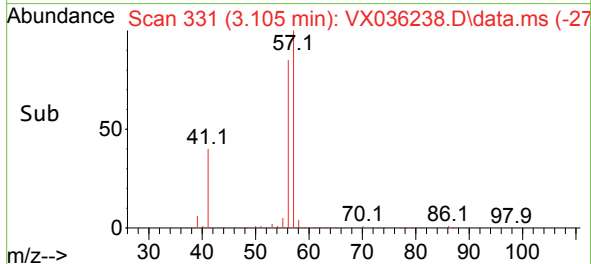
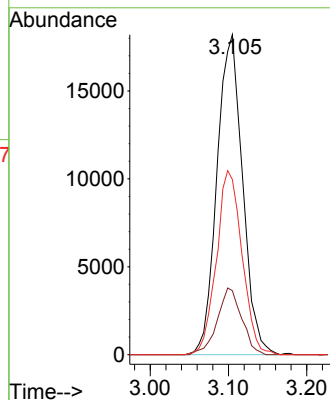
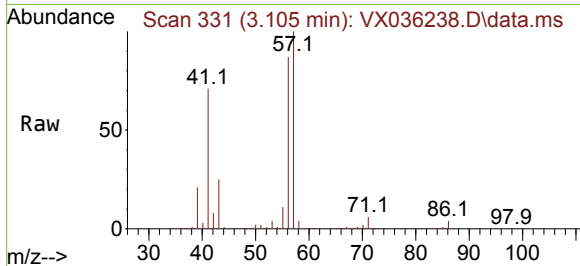
Tgt Ion: 53 Resp: 41406

Ion Ratio Lower Upper

53 100

52 19.9 66.0 99.0#

51 57.5 29.8 44.6#



#16

Acetone

Concen: 25.588 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX036238.D

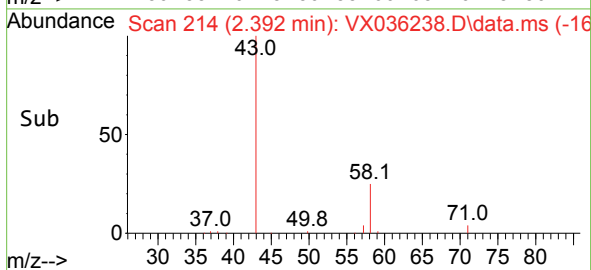
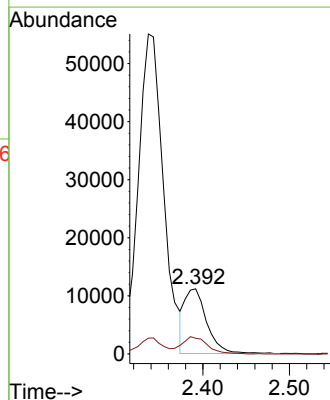
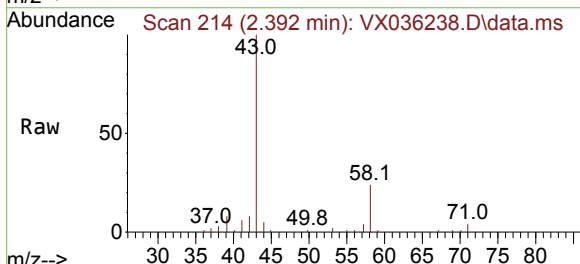
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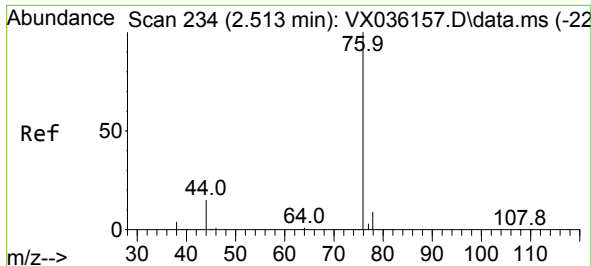
Tgt Ion: 43 Resp: 19685

Ion Ratio Lower Upper

43 100

58 24.3 21.9 32.9

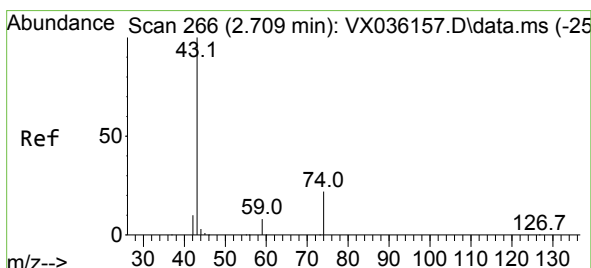
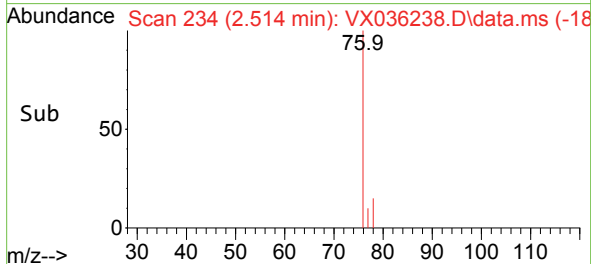
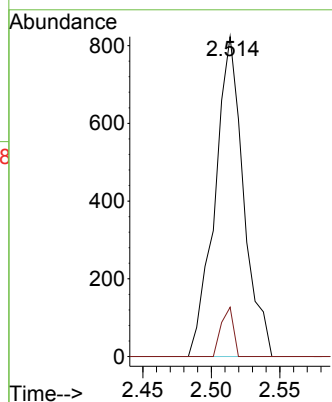
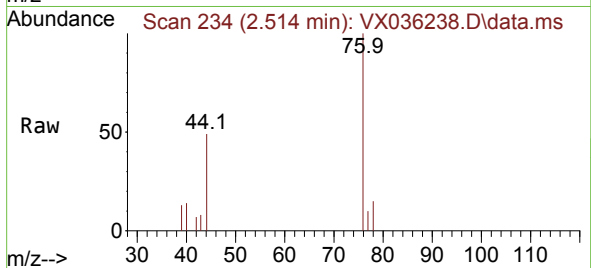




#17
Carbon Disulfide
Concen: 0.443 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

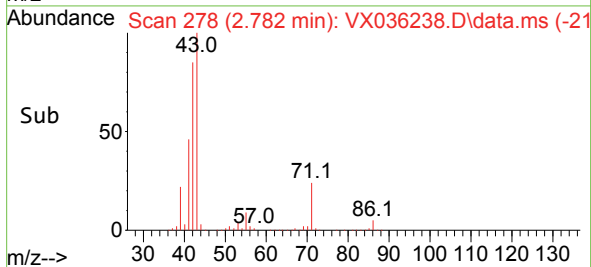
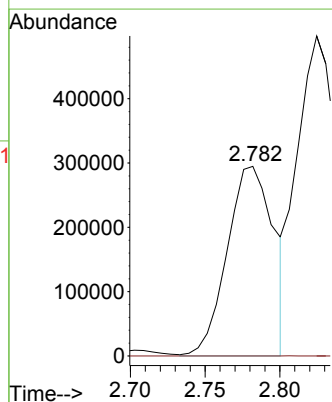
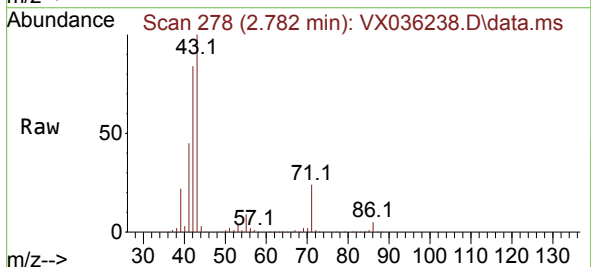
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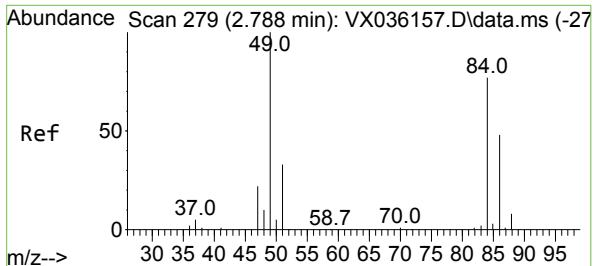
Tgt Ion: 76 Resp: 1198
Ion Ratio Lower Upper
76 100
78 15.4 7.0 10.6#



#18
Methyl Acetate
Concen: 218.644 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX036238.D
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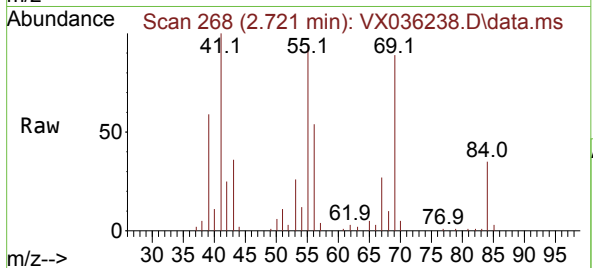
Tgt Ion: 43 Resp: 637940
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



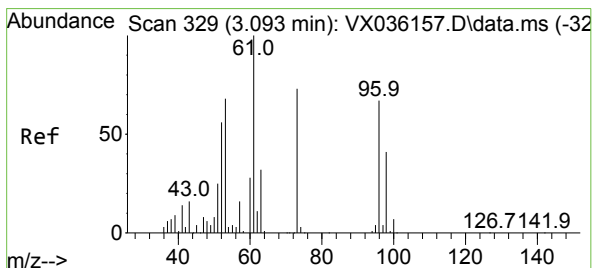
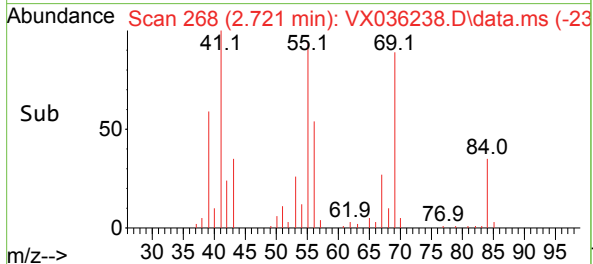
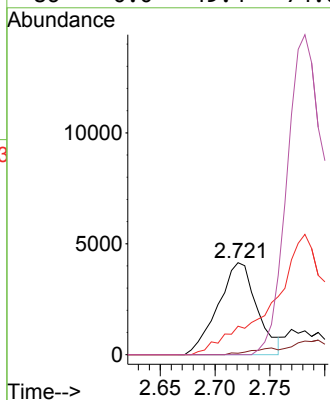


#20
Methylene Chloride
Concen: 7.334 ug/l
RT: 2.721 min Scan# 210
Delta R.T. -0.067 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

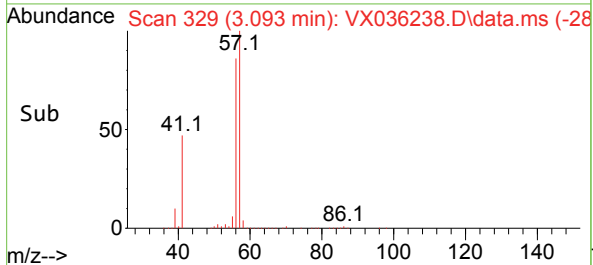
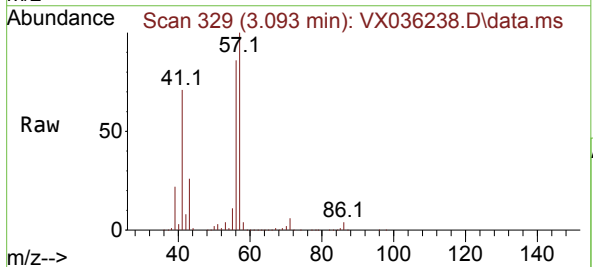
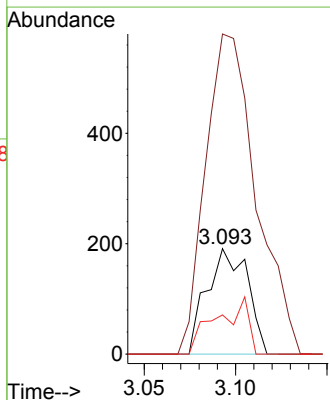


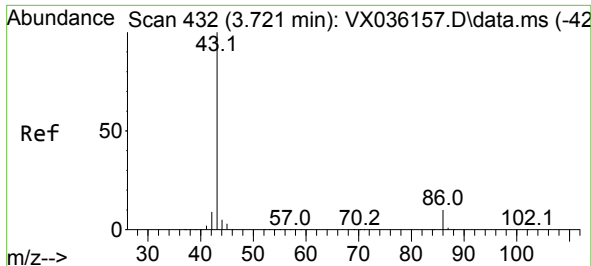
Tgt Ion: 84	Resp: 10223
Ion Ratio	Lower Upper
84 100	
49 1.6	103.6 155.4#
51 31.0	33.8 50.6#
86 0.0	49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 96	Resp: 296		
Ion Ratio	Lower	Upper	
96 100			
61 303.7	119.2	178.8#	
98 37.2	48.7	73.1#	

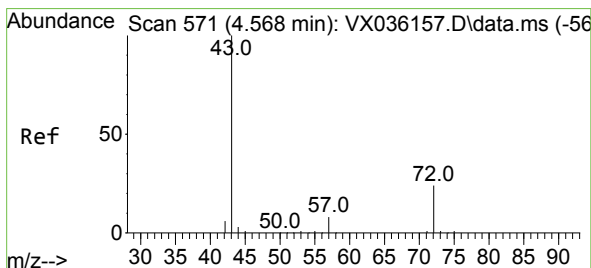
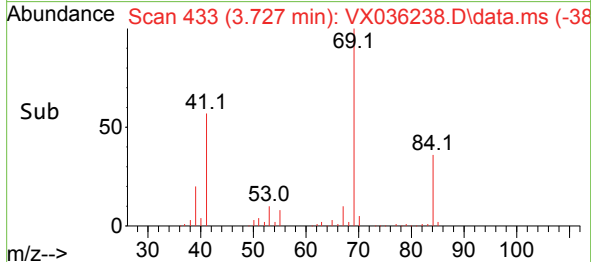
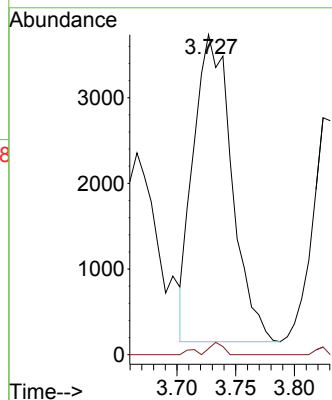
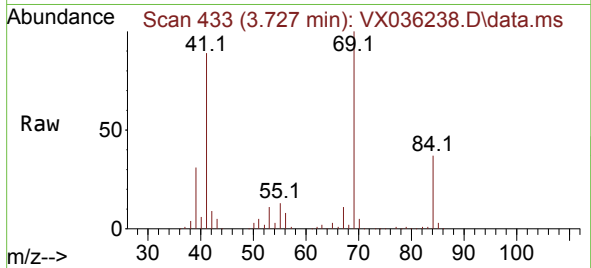




#23
 Vinyl Acetate
 Concen: 2.594 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

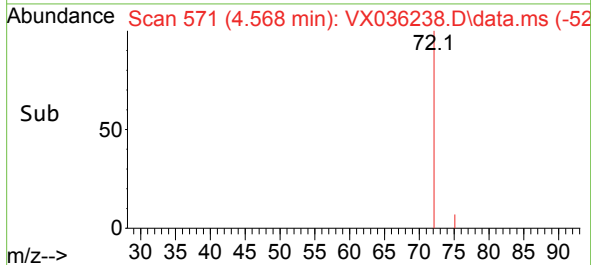
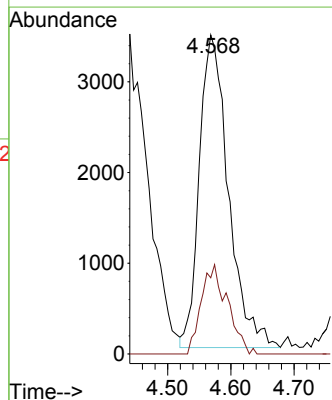
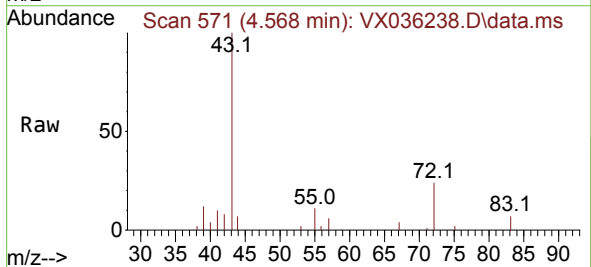
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

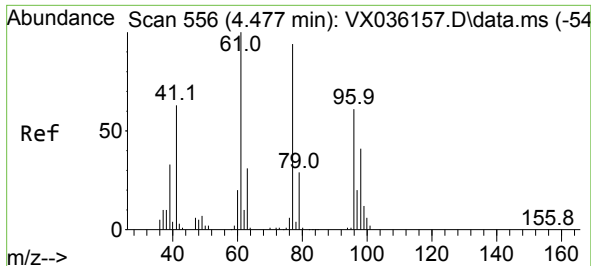
Tgt Ion: 43 Resp: 8100
 Ion Ratio Lower Upper
 43 100
 86 2.0 7.8 11.8#



#25
 2-Butanone
 Concen: 10.223 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 11010
 Ion Ratio Lower Upper
 43 100
 72 24.4 19.4 29.2





#26

2,2-Dichloropropane

Concen: 0.367 ug/l

RT: 4.428 min Scan# 54

Delta R.T. -0.049 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

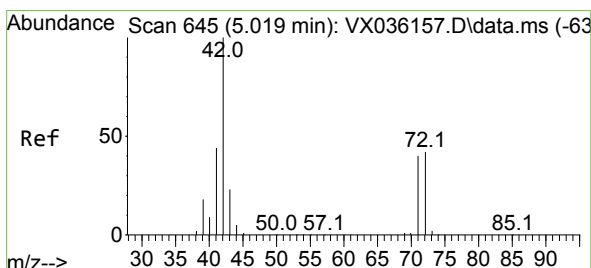
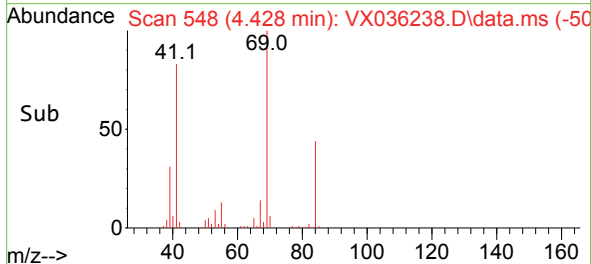
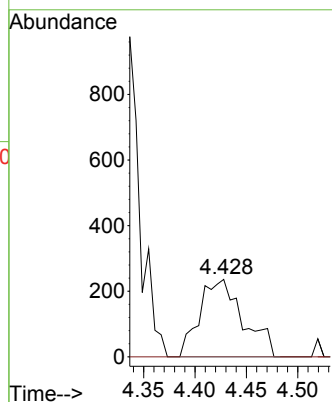
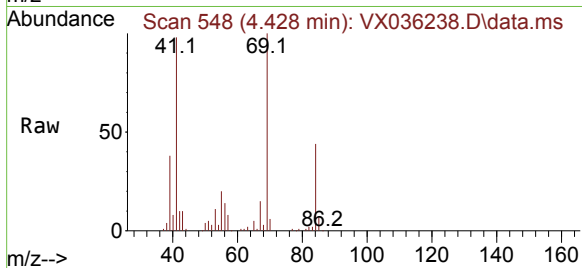
MW-5B

Tgt Ion: 77 Resp: 694

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.629 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

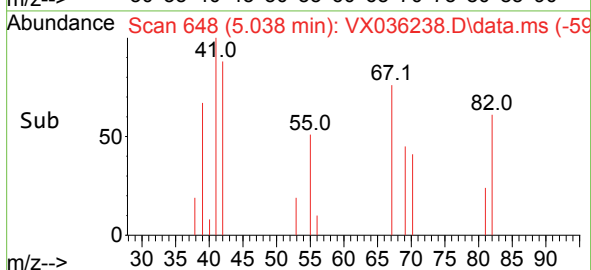
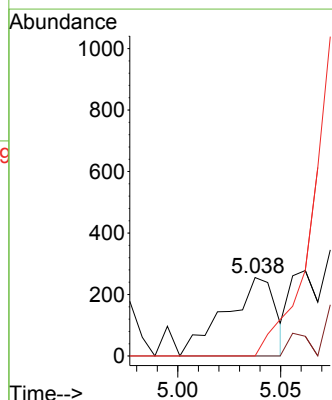
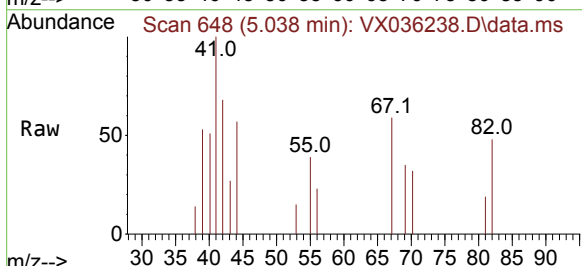
Tgt Ion: 42 Resp: 430

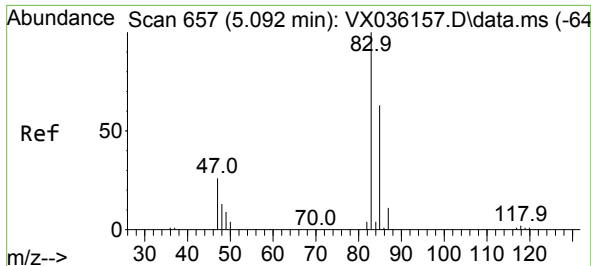
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

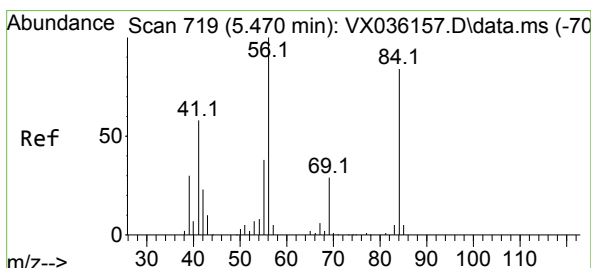
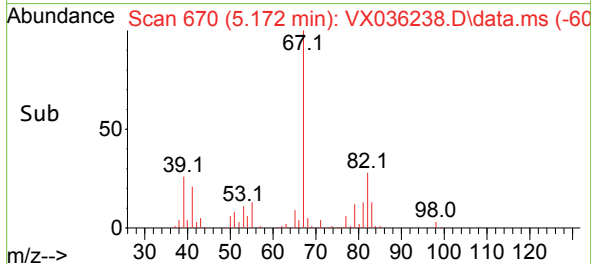
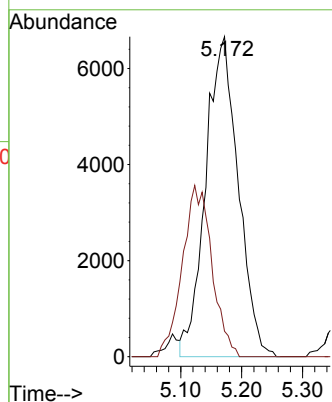
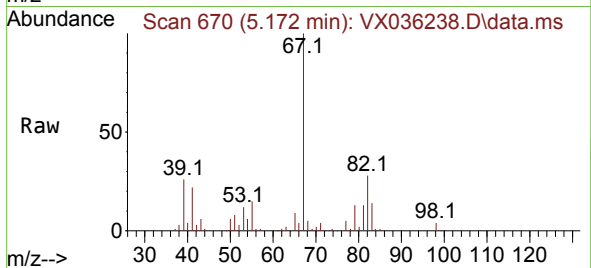




#30
Chloroform
Concen: 9.668 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.080 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

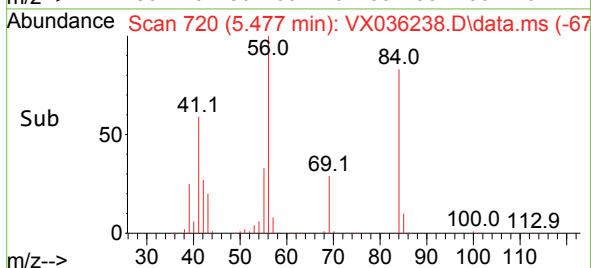
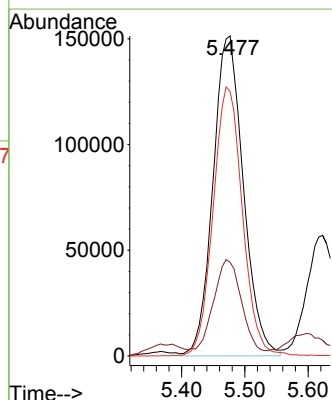
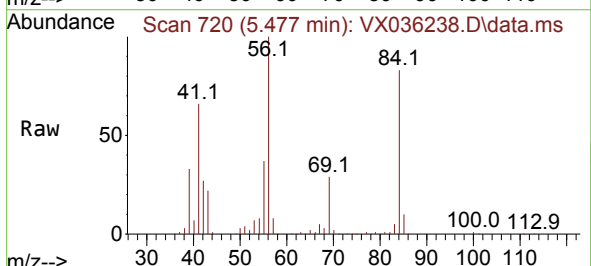
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

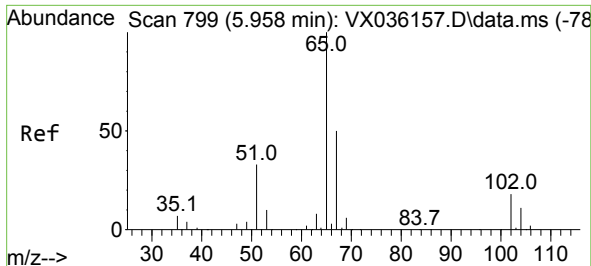
Tgt Ion: 83 Resp: 24780
Ion Ratio Lower Upper
83 100
85 8.0 50.3 75.5#



#31
Cyclohexane
Concen: 253.928 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 56 Resp: 504409
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 83.0 65.9 98.9

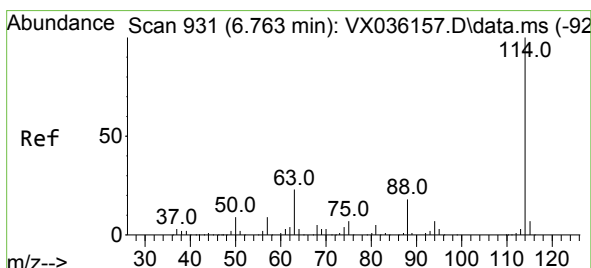
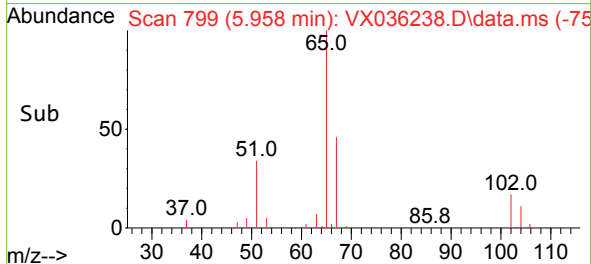
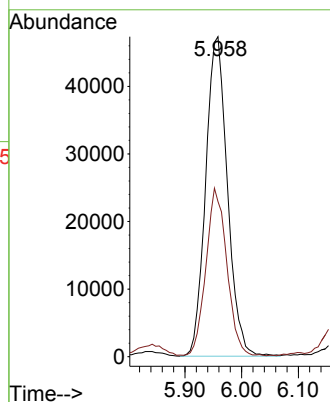
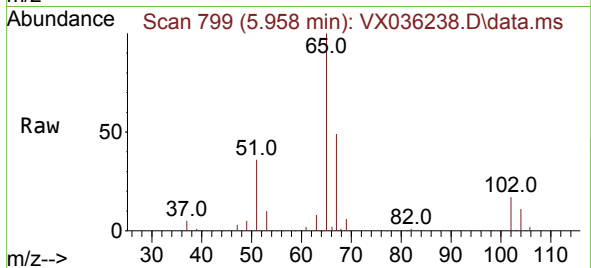




#33
 1,2-Dichloroethane-d4
 Concen: 68.217 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

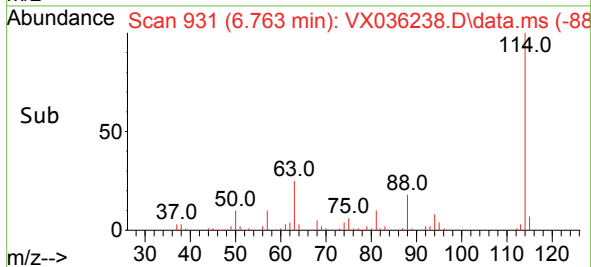
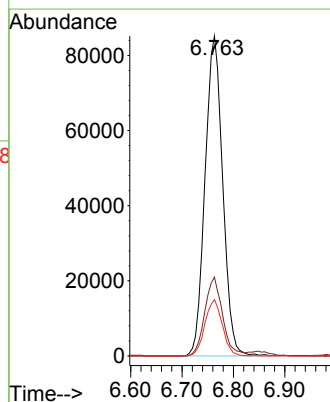
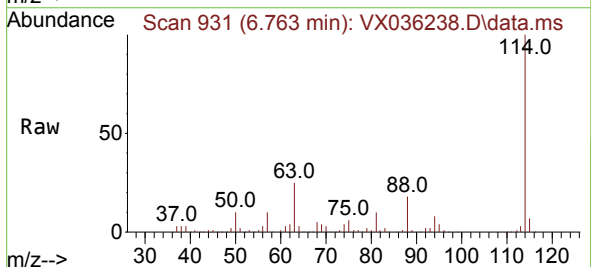
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

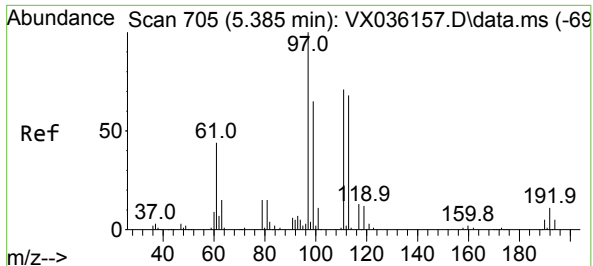
Tgt Ion: 65 Resp: 126315
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion:114 Resp: 203189
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 45.0
 88 17.6 0.0 36.6

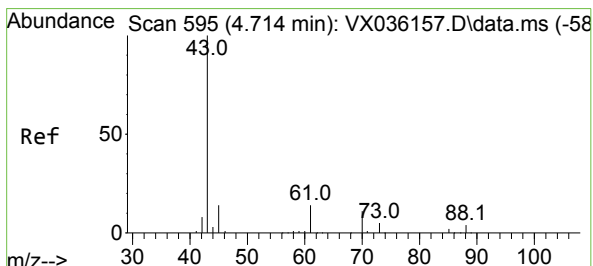
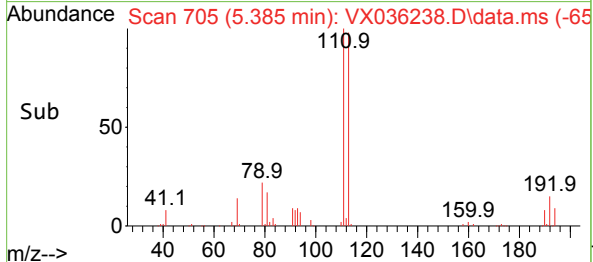
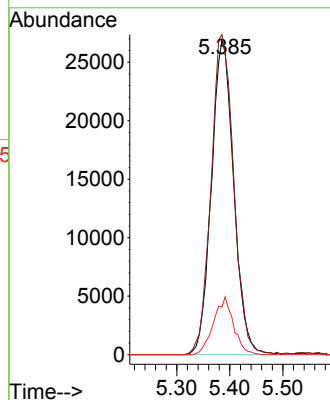
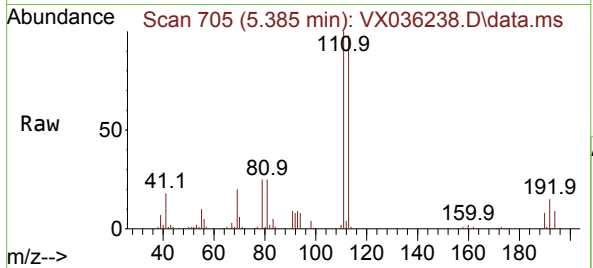




#35
Dibromofluoromethane
Concen: 56.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

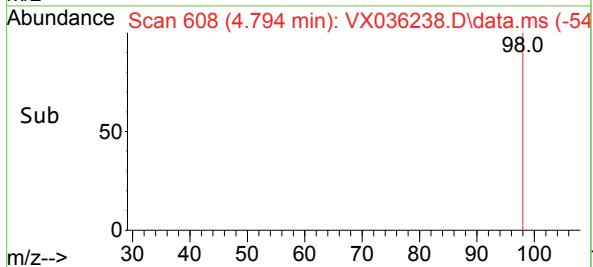
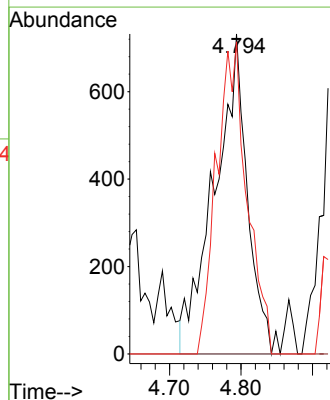
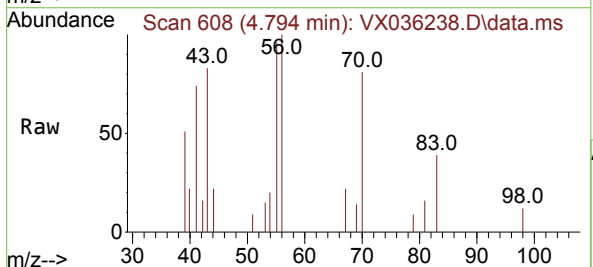
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

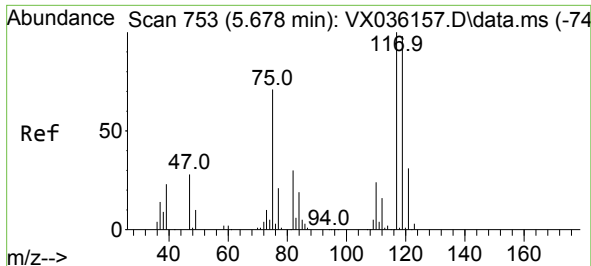
Tgt Ion:113 Resp: 78249
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.5 13.3 19.9



#37
Ethyl Acetate
Concen: 0.985 ug/l
RT: 4.794 min Scan# 608
Delta R.T. 0.080 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 90.3 8.3 12.5#

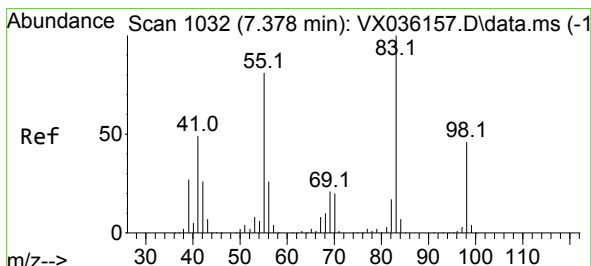
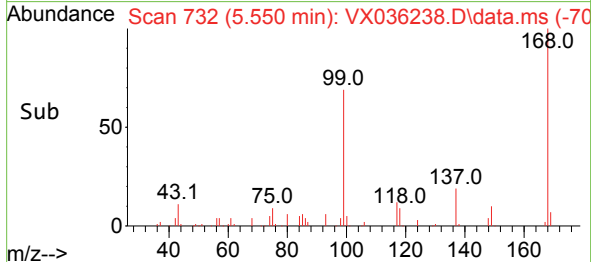
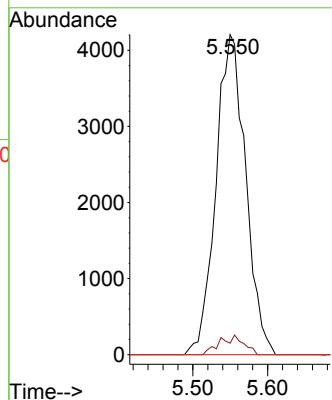
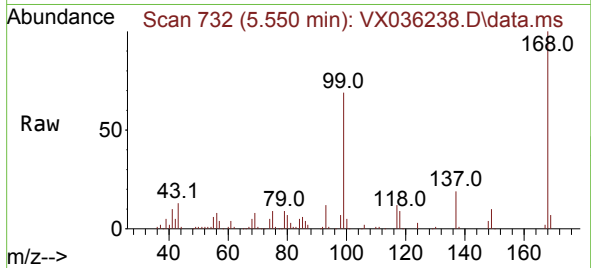




#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

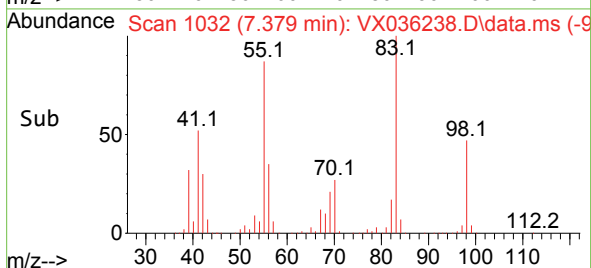
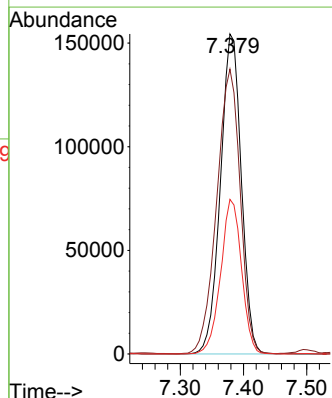
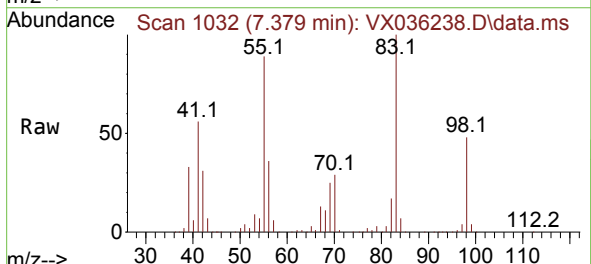
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

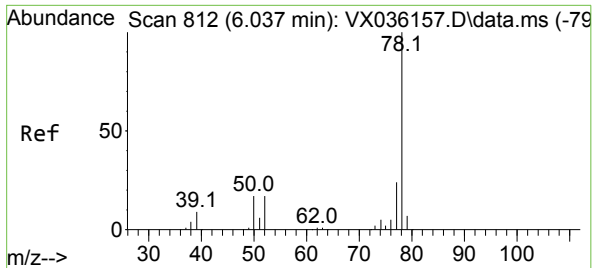
Tgt Ion:117 Resp: 11617
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 161.691 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 83 Resp: 353444
Ion Ratio Lower Upper
83 100
55 88.9 64.6 97.0
98 48.3 36.7 55.1





#40

Benzene

Concen: 7.870 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

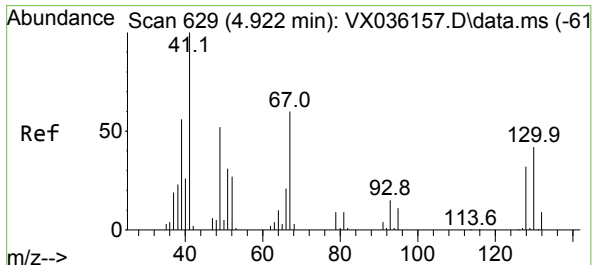
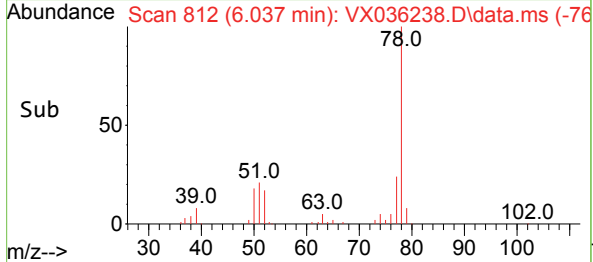
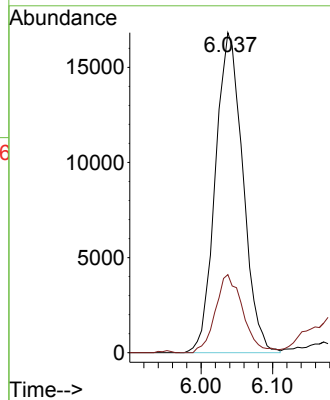
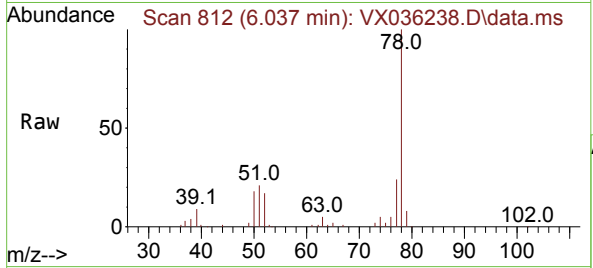
MW-5B

Tgt Ion: 78 Resp: 44922

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9



#41

Methacrylonitrile

Concen: 1.371 ug/l

RT: 4.946 min Scan# 633

Delta R.T. 0.024 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Tgt Ion: 41 Resp: 1787

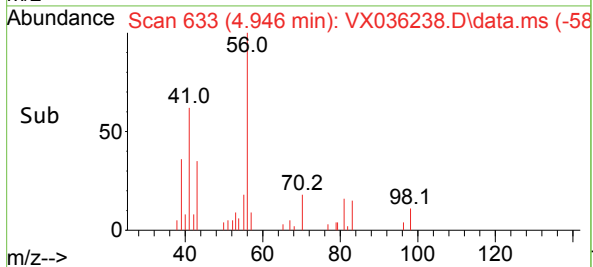
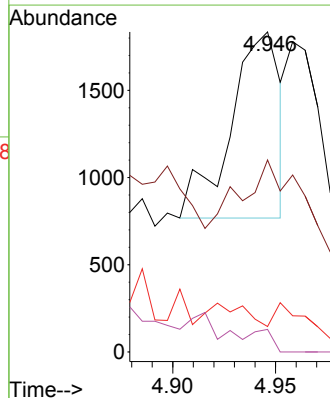
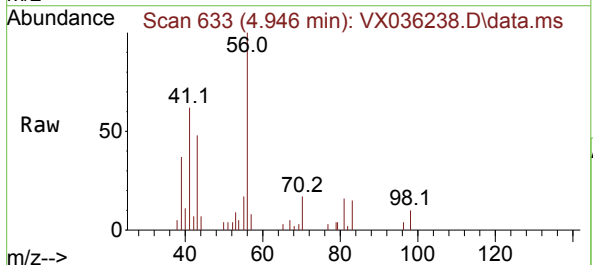
Ion Ratio Lower Upper

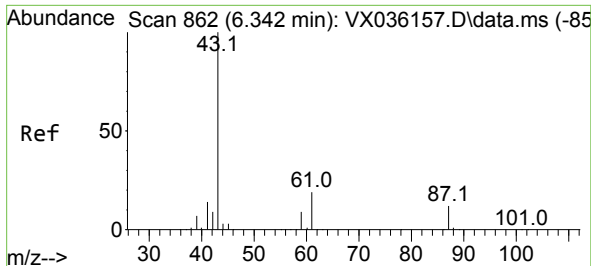
41 100

39 0.0 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

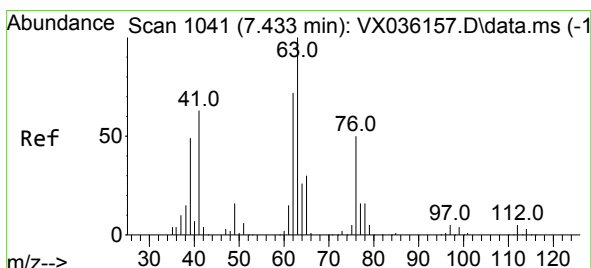
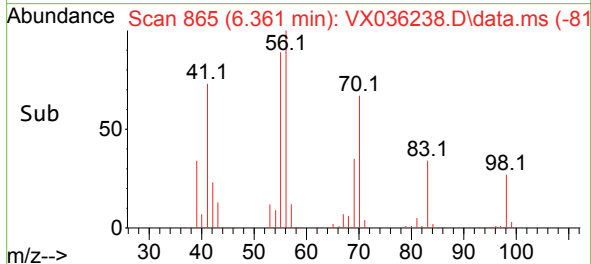
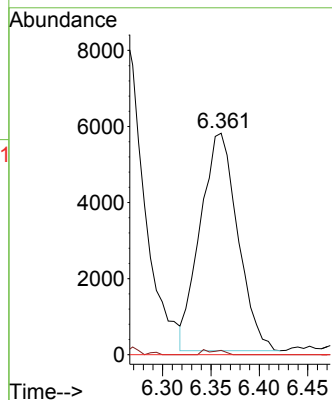
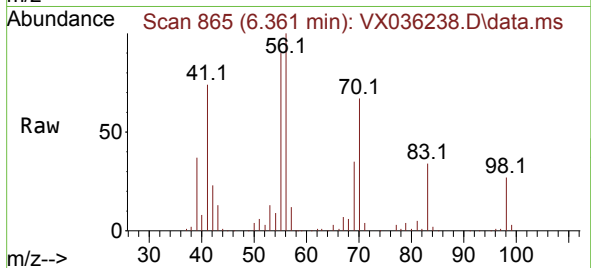




#43
Isopropyl Acetate
Concen: 4.256 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

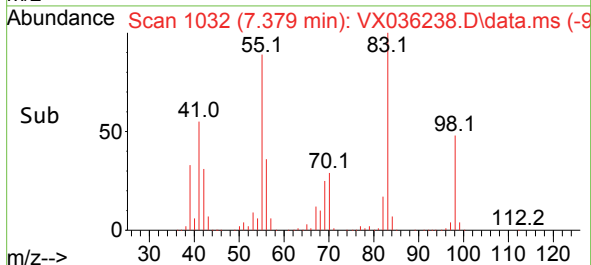
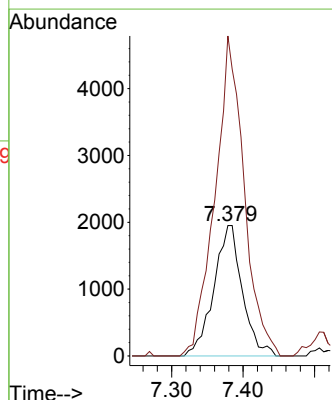
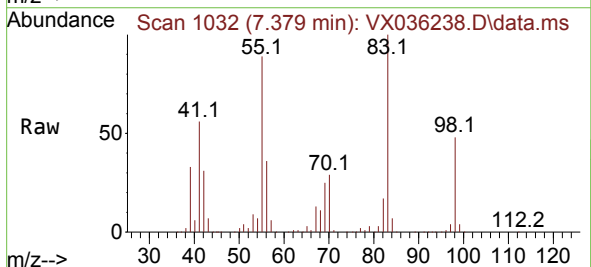
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

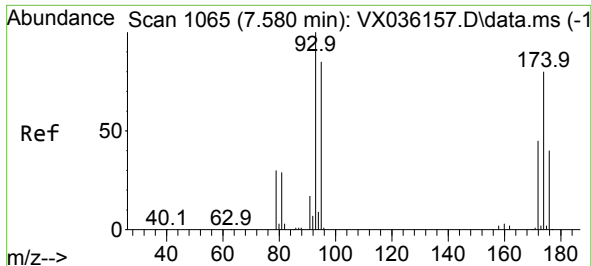
Tgt Ion: 43 Resp: 15402
Ion Ratio Lower Upper
43 100
61 1.1 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 3.566 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.054 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 63 Resp: 5411
Ion Ratio Lower Upper
63 100
65 245.3 24.3 36.5#

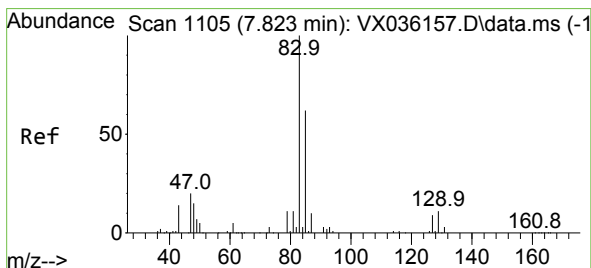
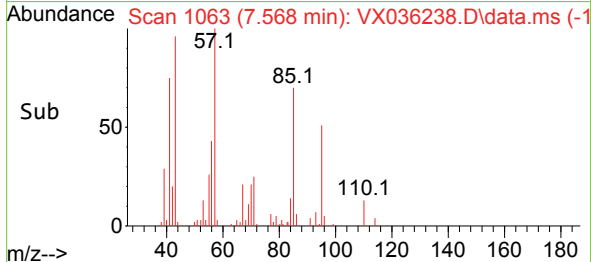
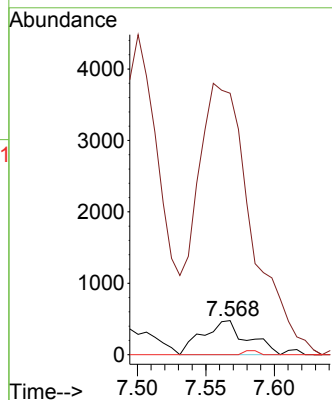
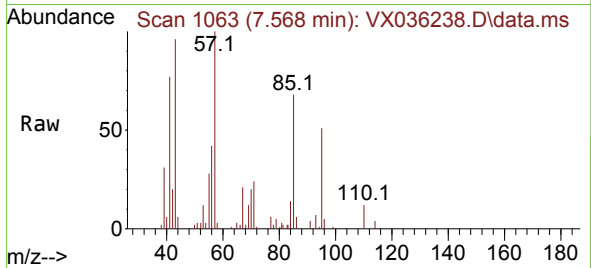




#46
 Dibromomethane
 Concen: 0.998 ug/l
 RT: 7.568 min Scan# 1063
 Delta R.T. -0.012 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

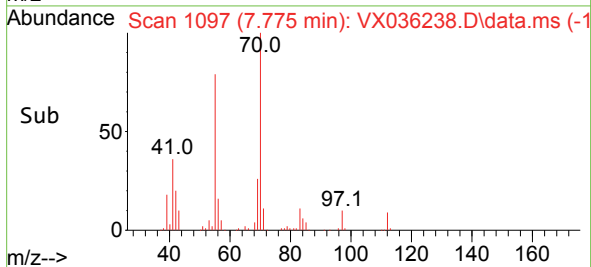
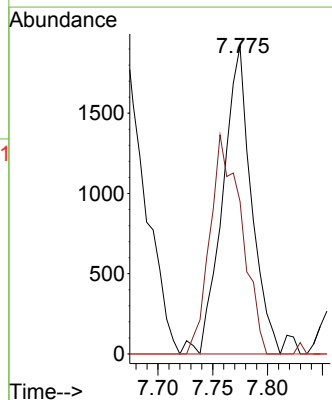
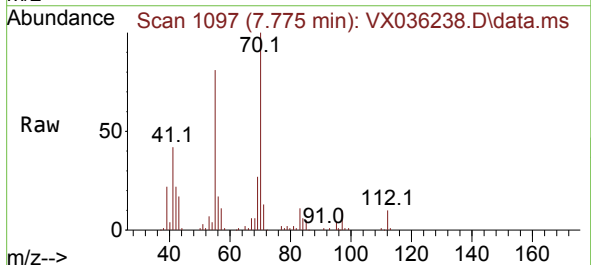
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

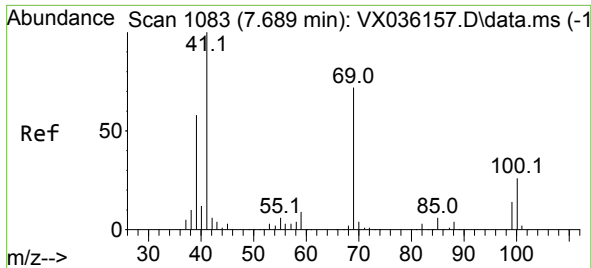
Tgt Ion: 93 Resp: 1079
 Ion Ratio Lower Upper
 93 100
 95 0.0 66.6 100.0#
 174 3.9 69.4 104.0#



#47
 Bromodichloromethane
 Concen: 1.687 ug/l
 RT: 7.775 min Scan# 1097
 Delta R.T. -0.048 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion: 83 Resp: 3502
 Ion Ratio Lower Upper
 83 100
 85 49.5 49.8 74.6#
 127 0.0 7.1 10.7#

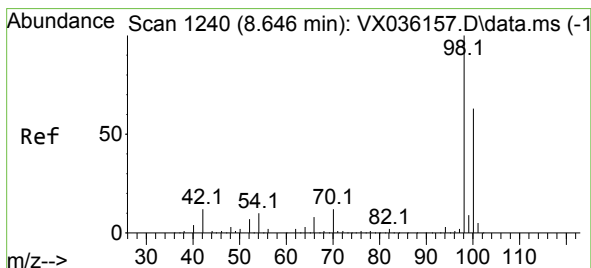
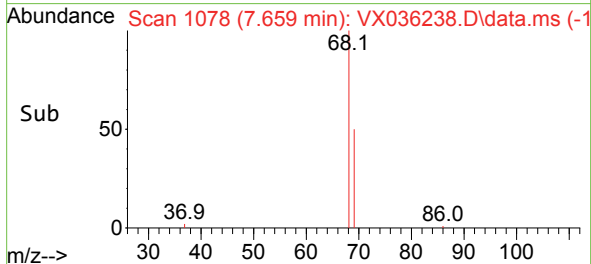
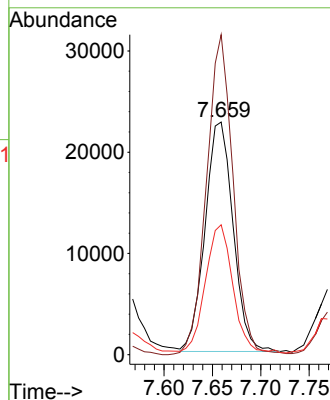
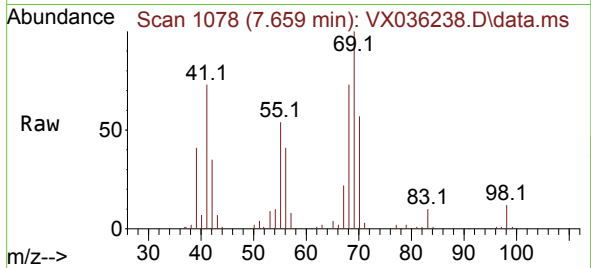




#48
Methyl methacrylate
Concen: 24.623 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

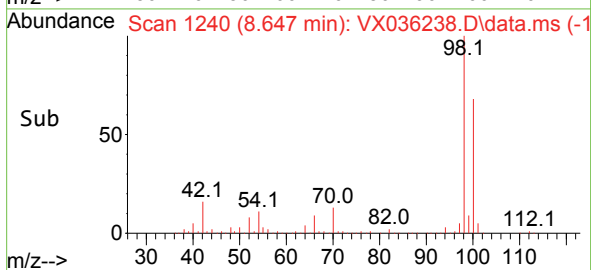
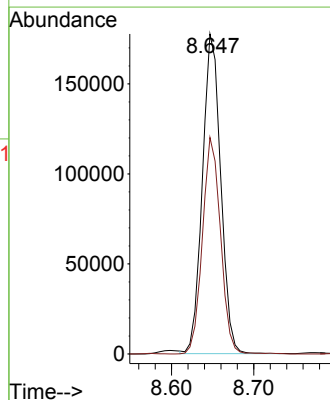
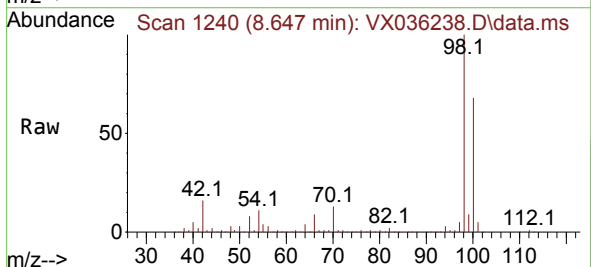
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

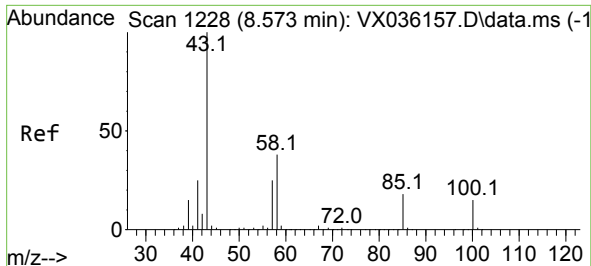
Tgt Ion: 41 Resp: 45718
Ion Ratio Lower Upper
41 100
69 131.9 59.2 88.8#
39 54.7 47.7 71.5



#50
Toluene-d8
Concen: 54.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 98 Resp: 274690
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

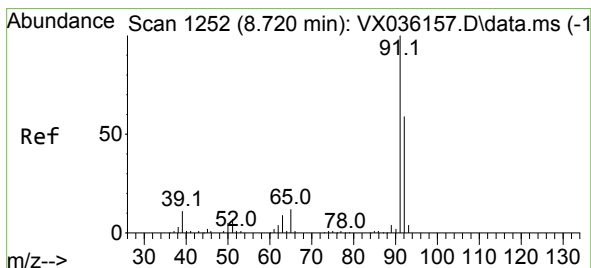
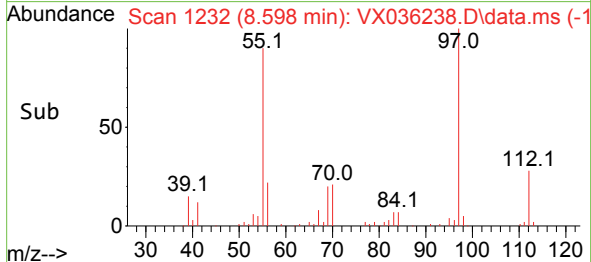
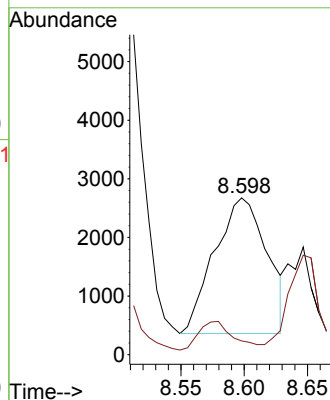
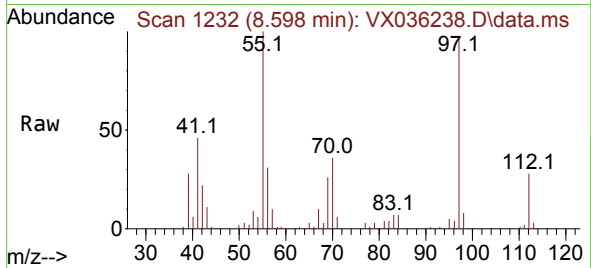




#51
4-Methyl-2-Pentanone
Concen: 2.919 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.025 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

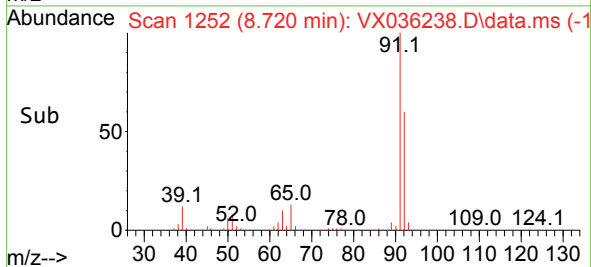
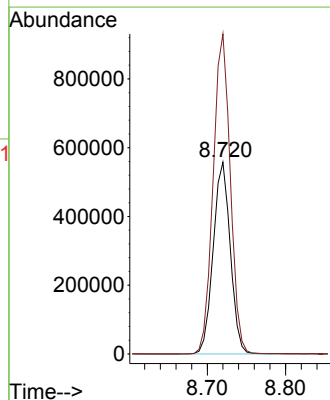
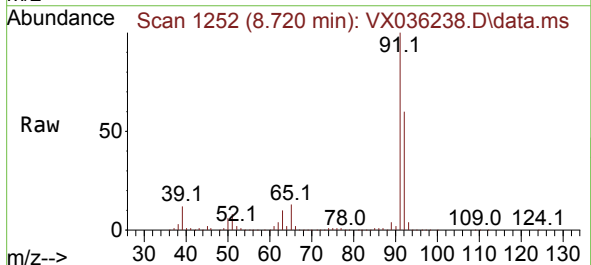
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

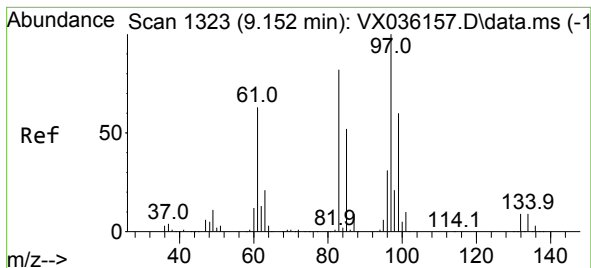
Tgt Ion: 43 Resp: 6670
Ion Ratio Lower Upper
43 100
58 19.1 30.4 45.6#



#52
Toluene
Concen: 236.217 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 92 Resp: 844122
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2





#55

1,1,2-Trichloroethane

Concen: 23.460 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 97 Resp: 34609

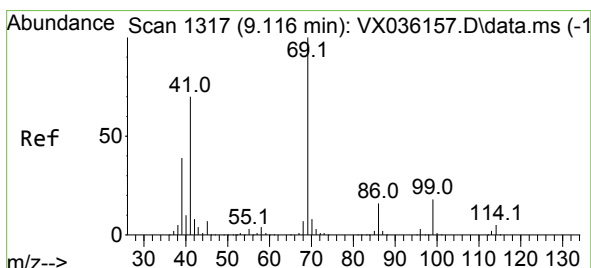
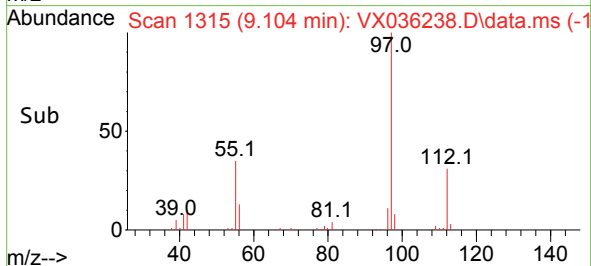
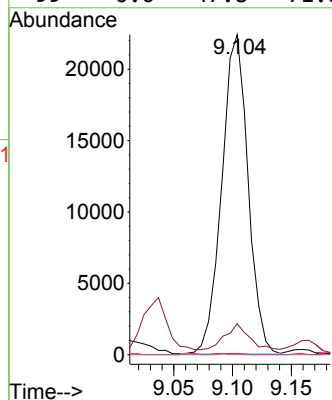
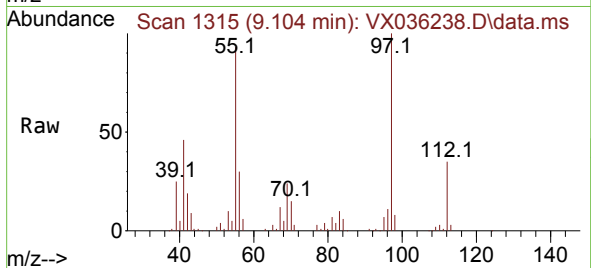
Ion Ratio Lower Upper

97 100

83 8.0 65.8 98.8#

85 0.4 41.6 62.4#

99 0.0 47.8 71.8#



#56

Ethyl methacrylate

Concen: 3.954 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

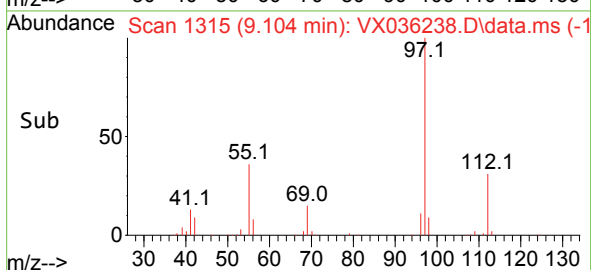
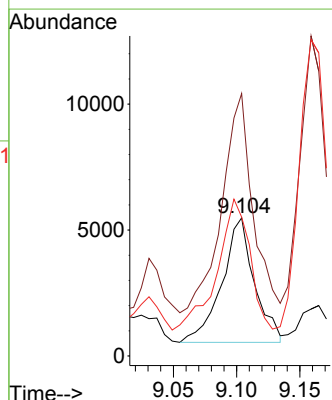
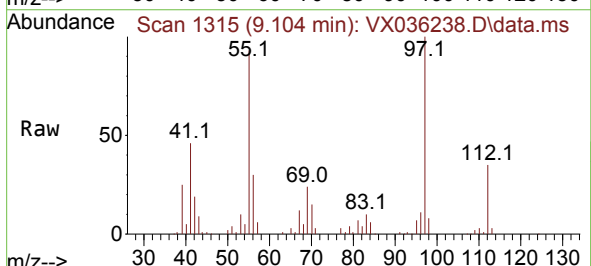
Tgt Ion: 69 Resp: 8812

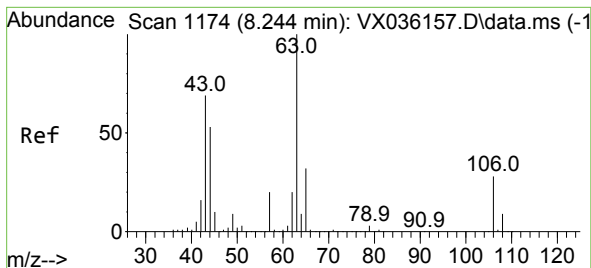
Ion Ratio Lower Upper

69 100

41 167.3 56.8 85.2#

39 104.4 32.0 48.0#

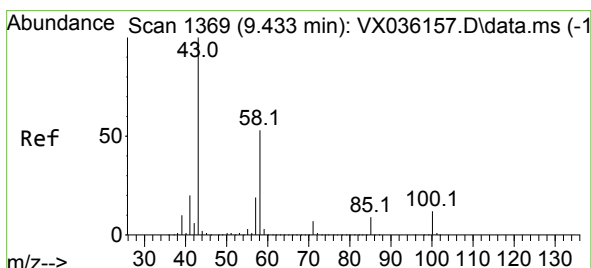
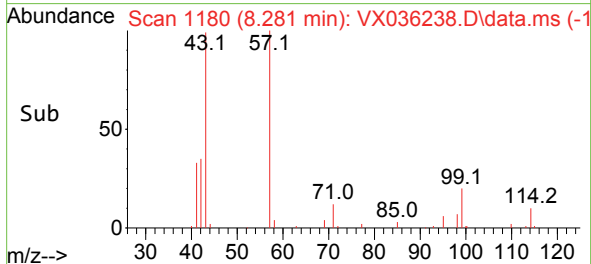
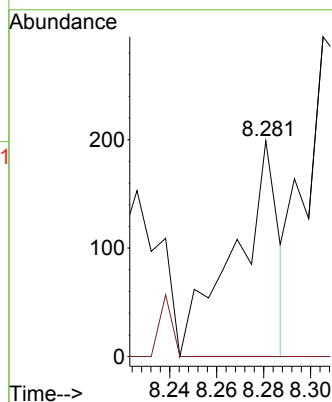
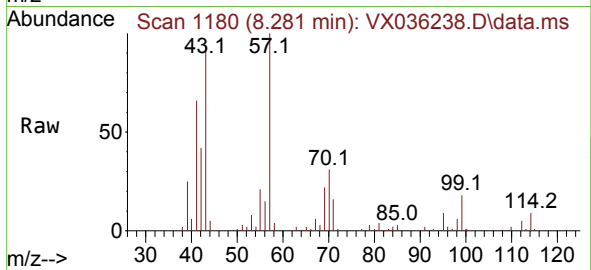




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.206 ug/l
 RT: 8.281 min Scan# 1174
 Delta R.T. 0.037 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

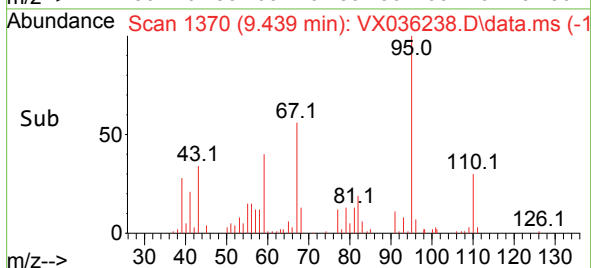
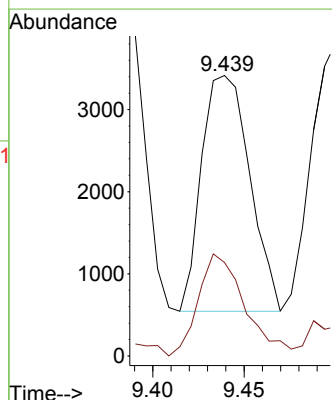
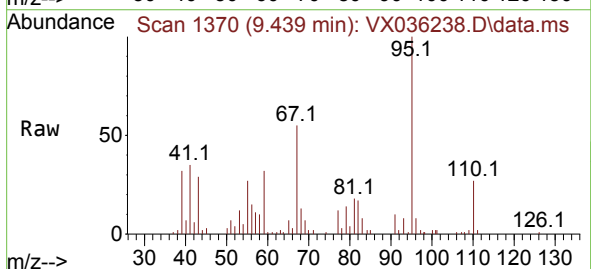
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

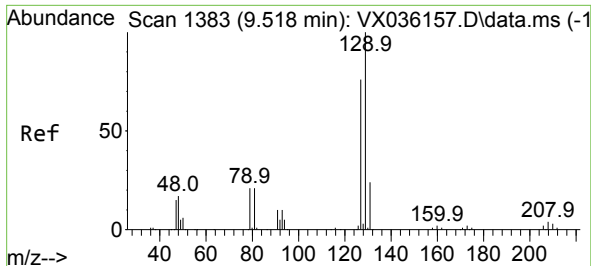
Tgt Ion: 63 Resp: 253
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 3.097 ug/l
 RT: 9.439 min Scan# 1370
 Delta R.T. 0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 5262
 Ion Ratio Lower Upper
 43 100
 58 41.6 26.2 78.5

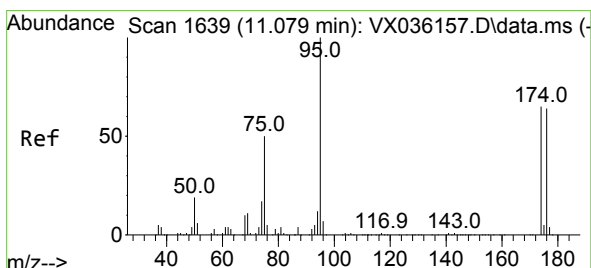
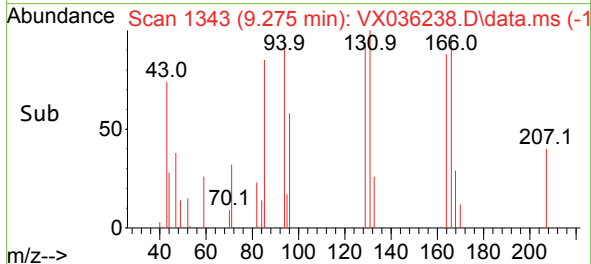
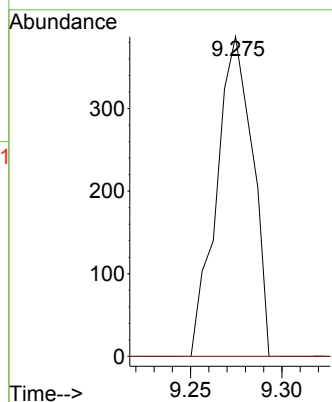
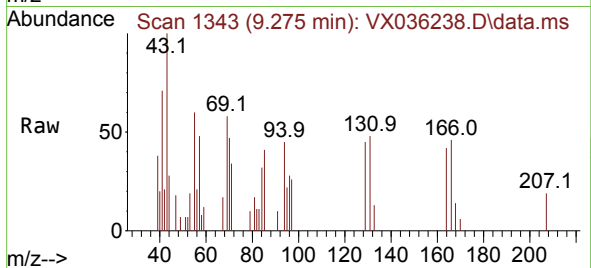




#60
Dibromochloromethane
Concen: 0.369 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

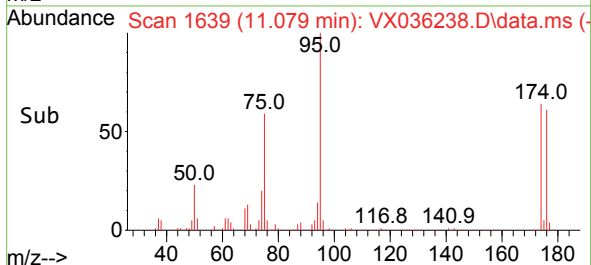
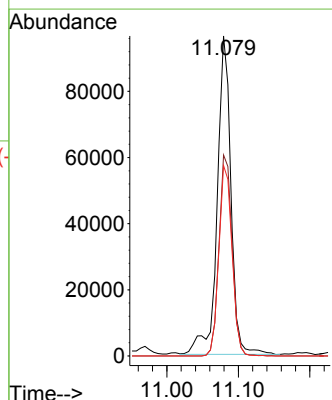
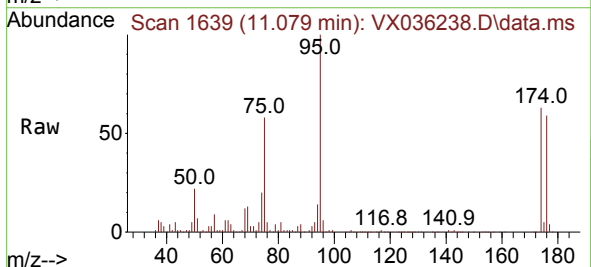
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

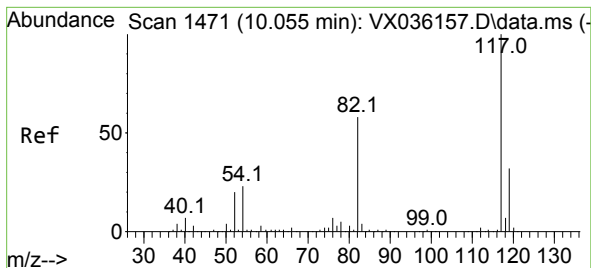
Tgt Ion:129 Resp: 532
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 63.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 95 Resp: 128369
Ion Ratio Lower Upper
95 100
174 60.4 0.0 135.6
176 57.3 0.0 131.0

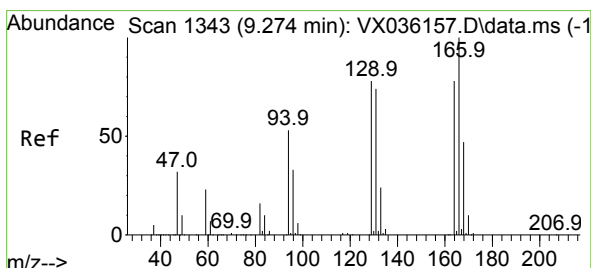
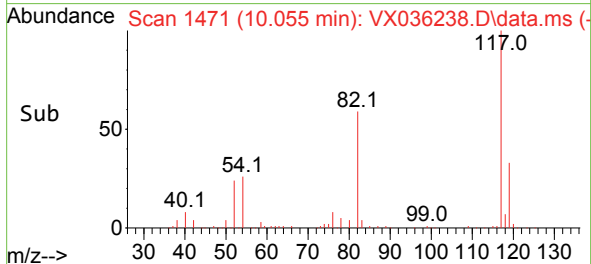
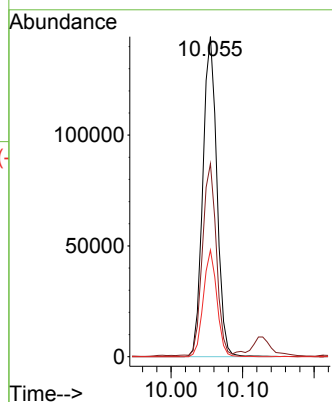
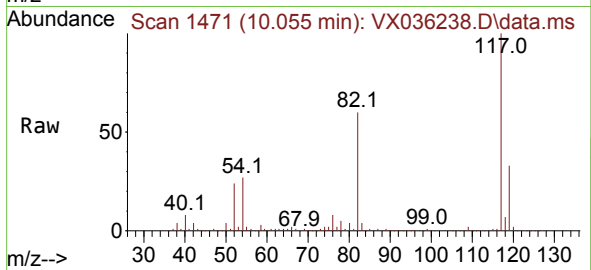




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

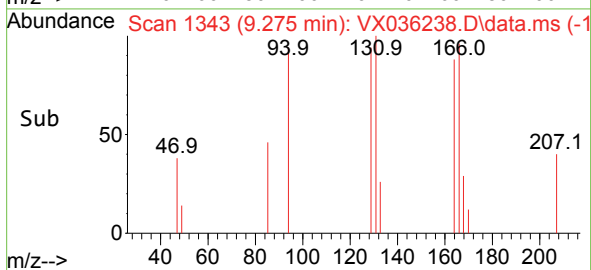
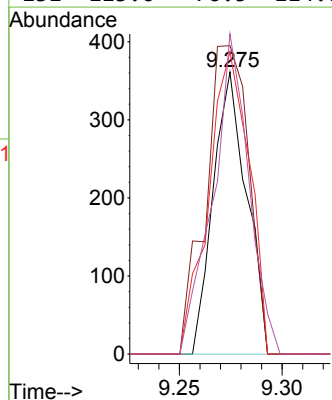
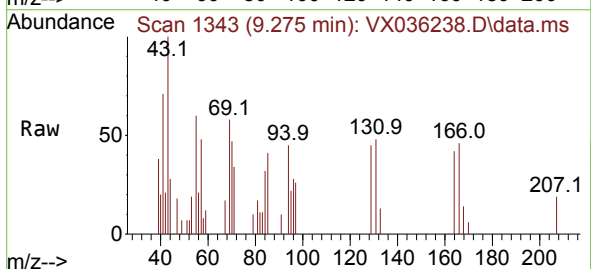
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

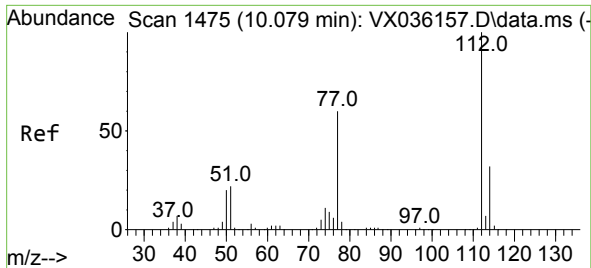
Tgt Ion:117 Resp: 197513
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion:164 Resp: 410
Ion Ratio Lower Upper
164 100
166 109.4 102.7 154.1
129 107.2 80.4 120.6
131 113.6 76.5 114.7

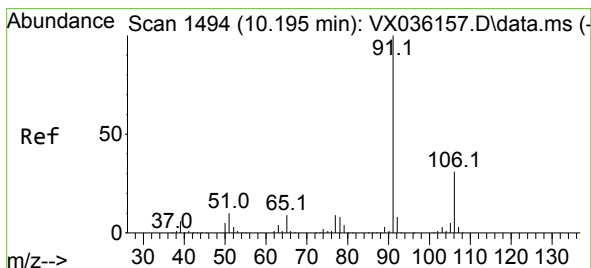
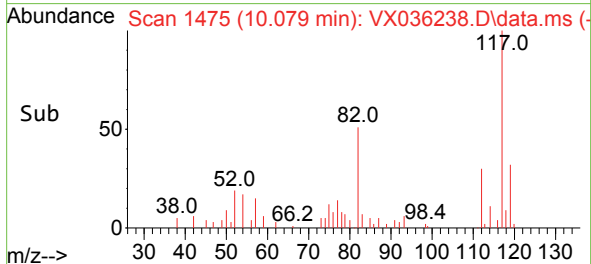
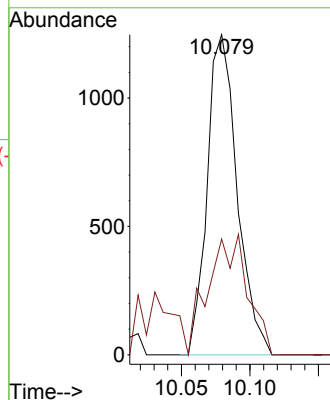
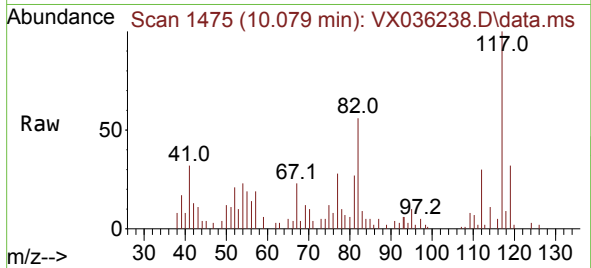




#65
Chlorobenzene
Concen: 0.464 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

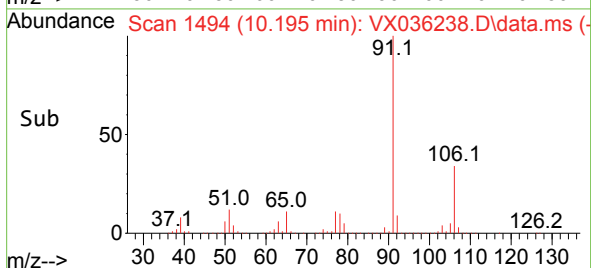
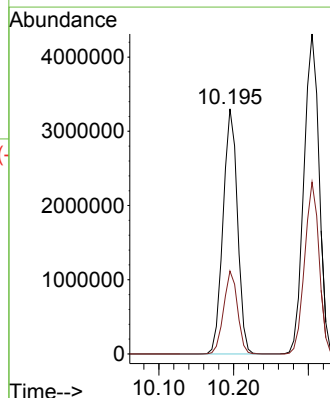
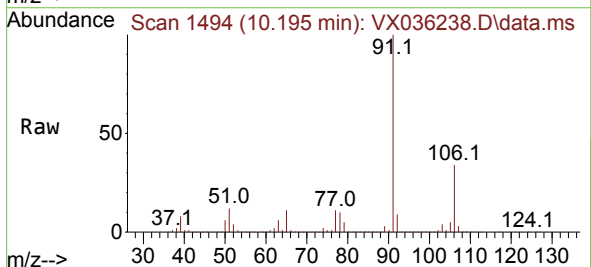
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

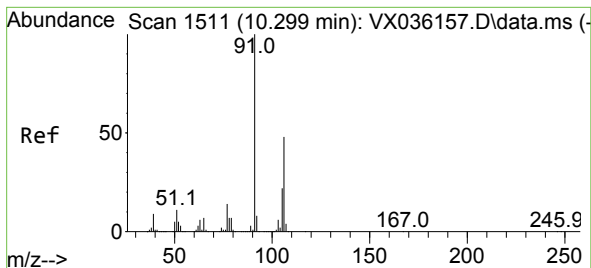
Tgt Ion:112 Resp: 1899
Ion Ratio Lower Upper
112 100
114 36.2 25.7 38.5



#67
Ethyl Benzene
Concen: 605.810 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 91 Resp: 4428151
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3

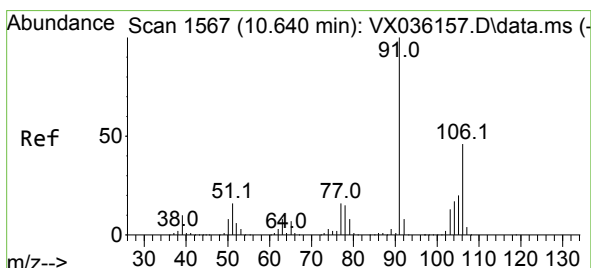
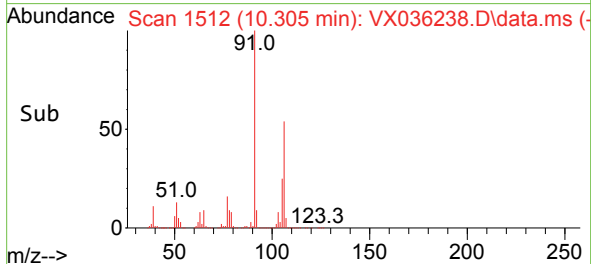
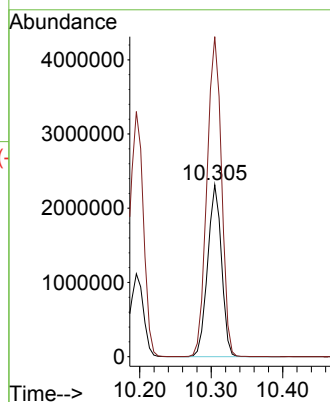
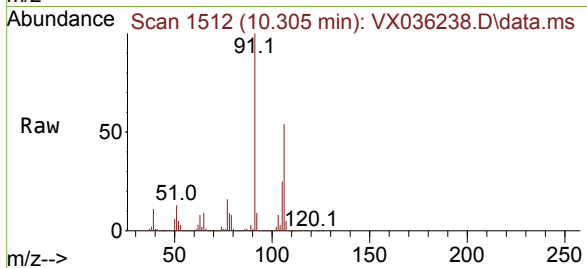




#68
m/p-Xylenes
Concen: 1128.175 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

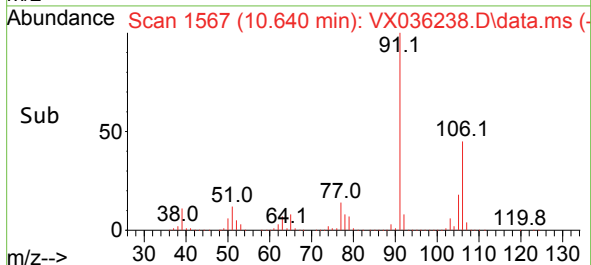
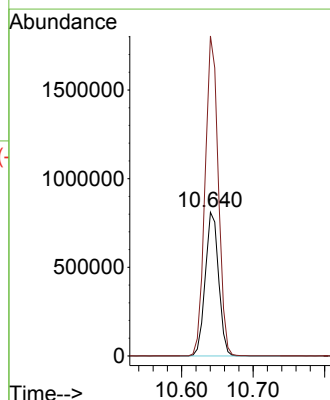
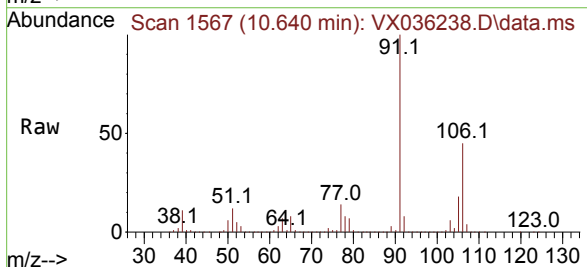
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

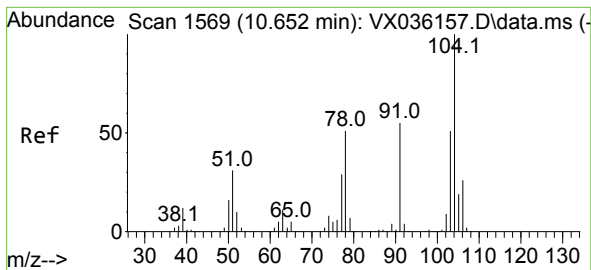
Tgt Ion:106 Resp: 3111237
Ion Ratio Lower Upper
106 100
91 195.7 165.5 248.3



#69
o-Xylene
Concen: 386.279 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion:106 Resp: 1051003
Ion Ratio Lower Upper
106 100
91 220.4 108.9 326.8





#70

Styrene

Concen: 13.166 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

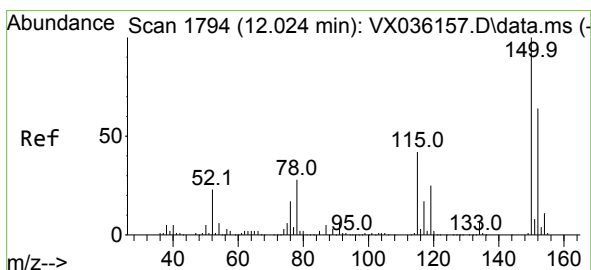
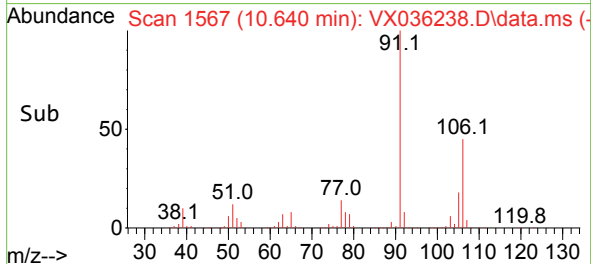
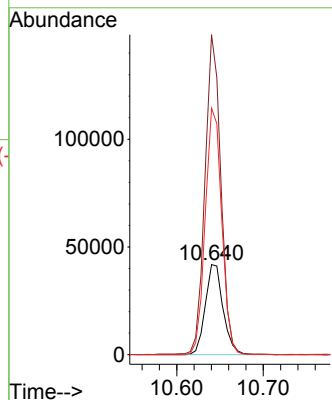
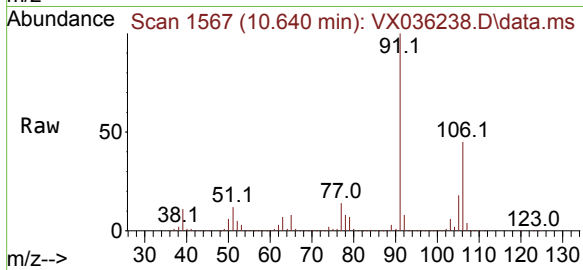
Tgt Ion:104 Resp: 59690

Ion Ratio Lower Upper

104 100

78 317.3 43.6 65.4#

103 254.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

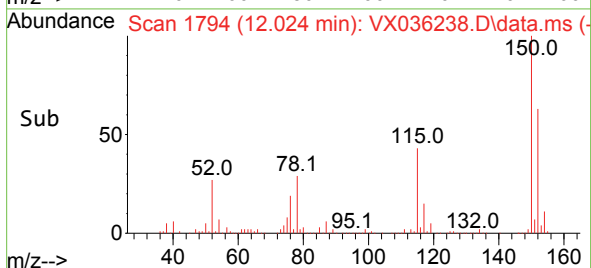
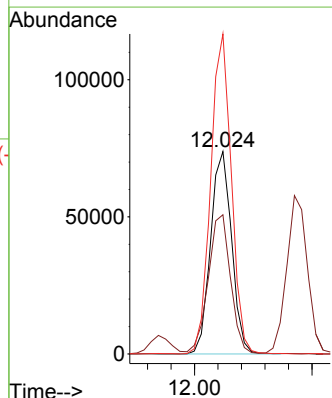
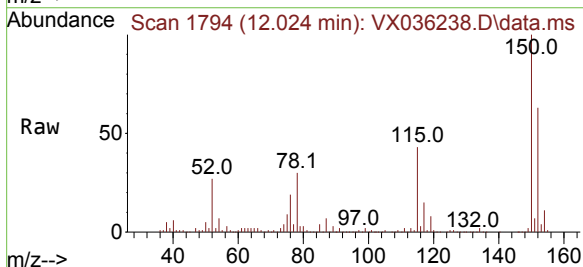
Tgt Ion:152 Resp: 91711

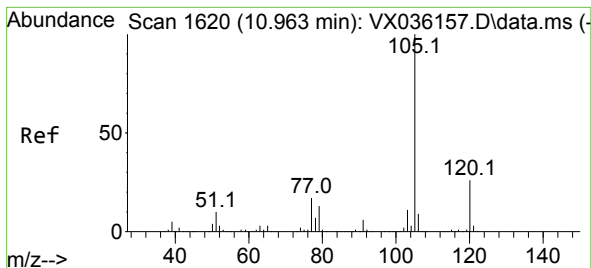
Ion Ratio Lower Upper

152 100

115 72.0 43.3 129.9

150 155.2 0.0 345.0





#73

Isopropylbenzene

Concen: 59.380 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

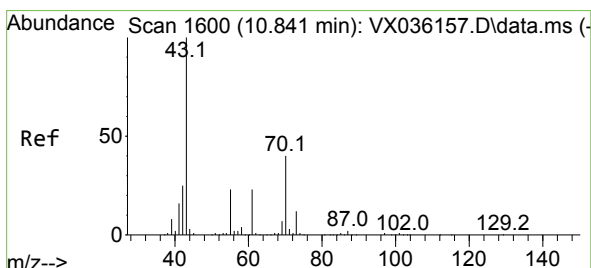
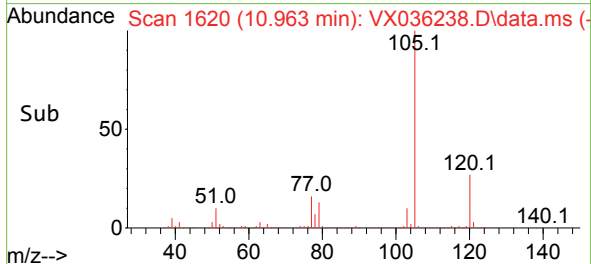
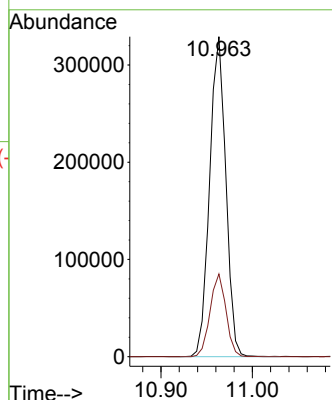
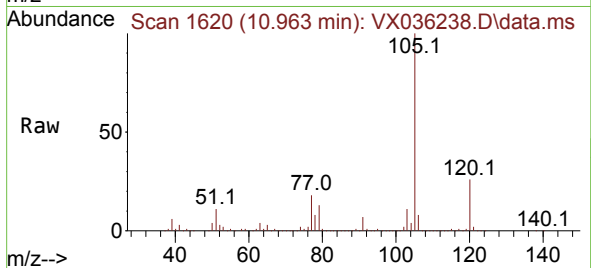
MW-5B

Tgt Ion:105 Resp: 404089

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.524 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.007 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 1610

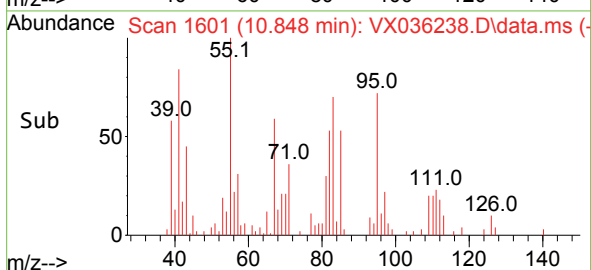
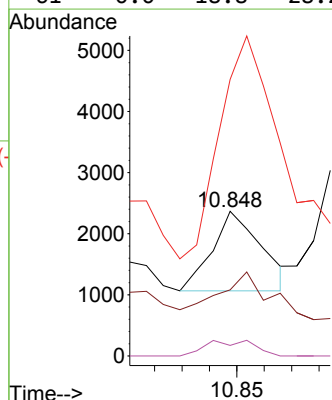
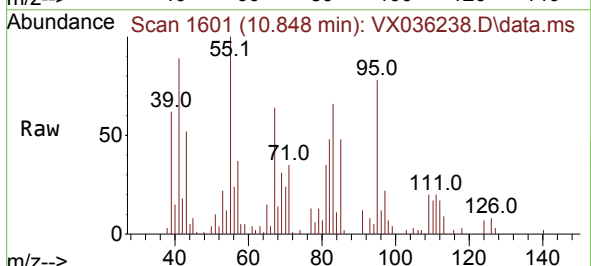
Ion Ratio Lower Upper

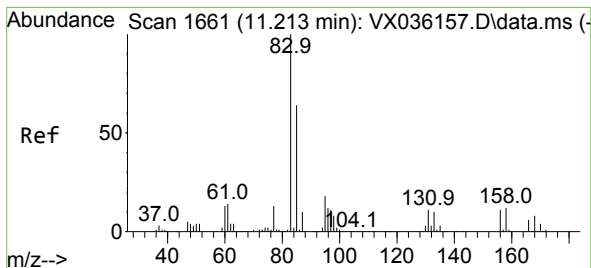
43 100

70 69.1 32.9 49.3#

55 574.3 19.3 28.9#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.299 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

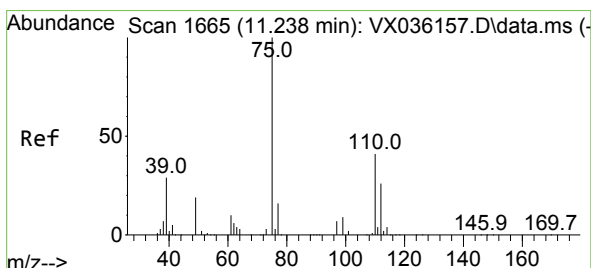
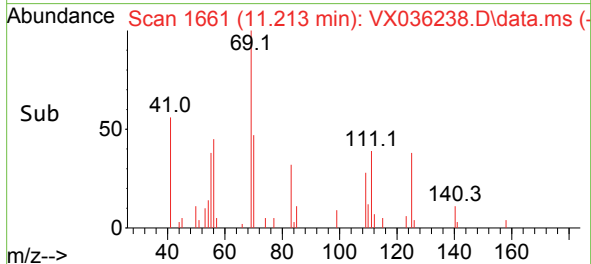
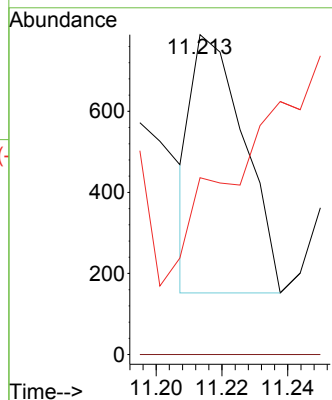
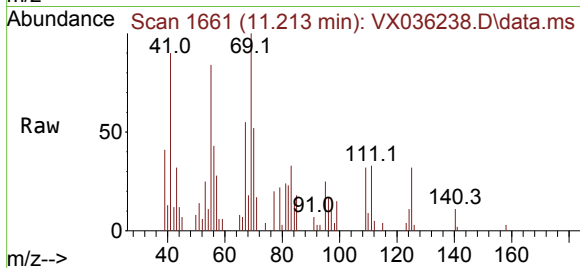
Tgt Ion: 83 Resp: 697

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 6.083 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX036238.D

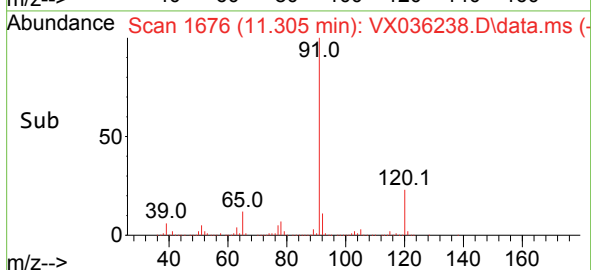
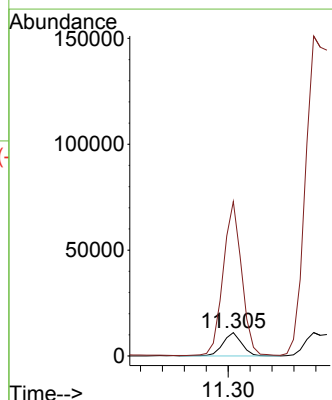
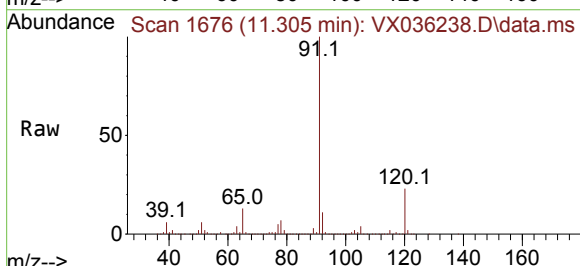
Acq: 20 Jun 2023 13:20

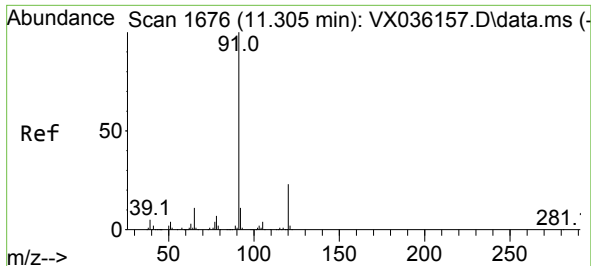
Tgt Ion: 75 Resp: 13240

Ion Ratio Lower Upper

75 100

77 642.0 19.1 57.5#

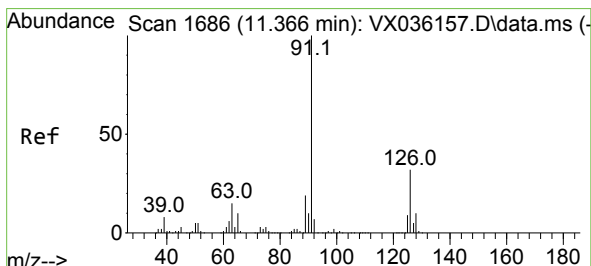
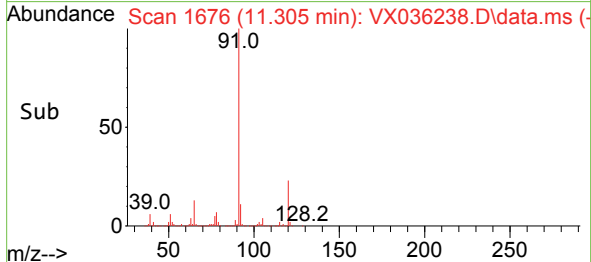
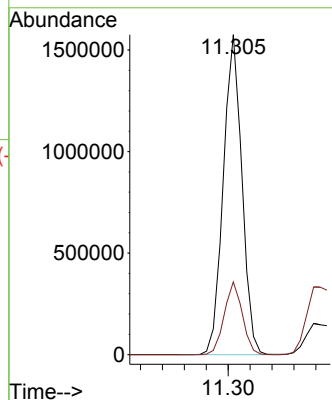
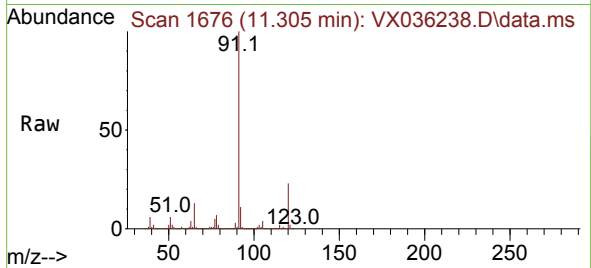




#78
n-propylbenzene
Concen: 231.966 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

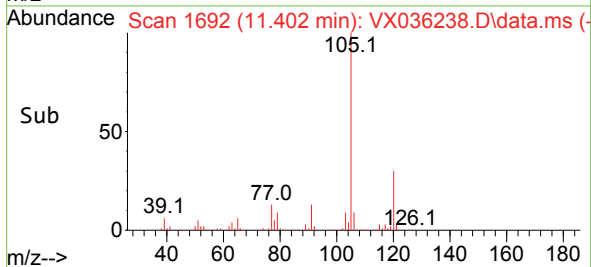
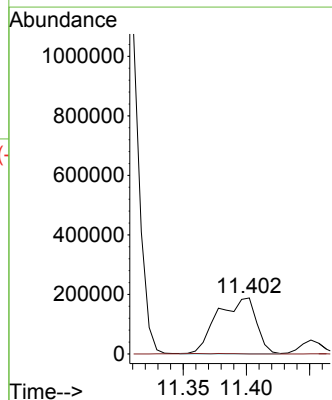
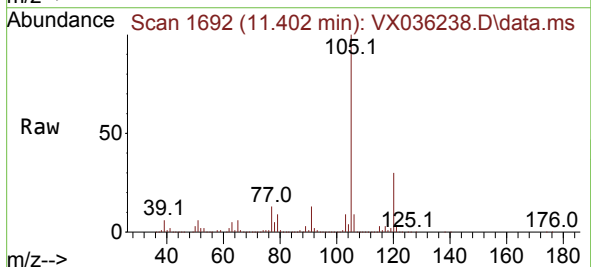
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

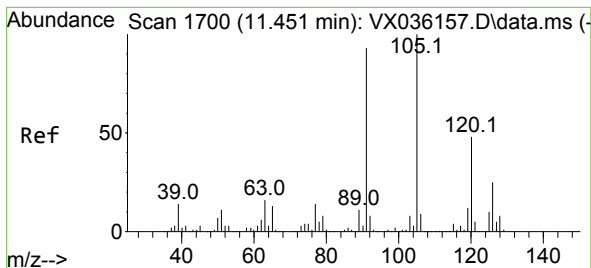
Tgt Ion: 91 Resp: 1857011
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 80.206 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.036 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 91 Resp: 403860
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 76.302 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

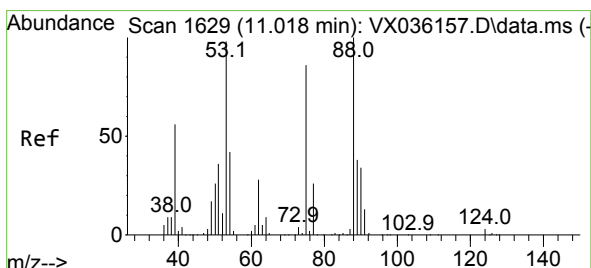
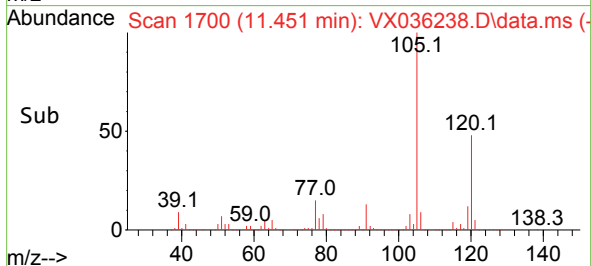
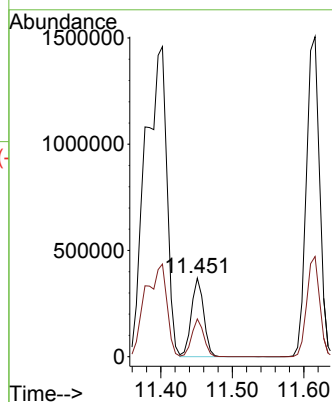
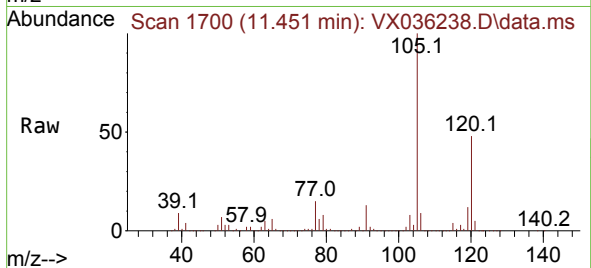
MW-5B

Tgt Ion:105 Resp: 442146

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 8.494 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.055 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

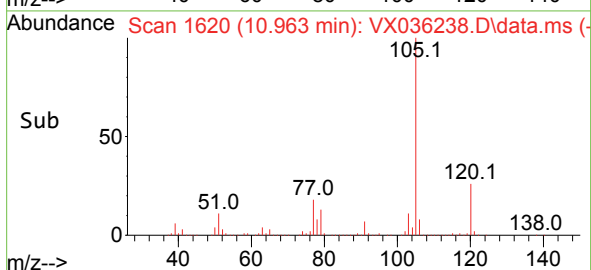
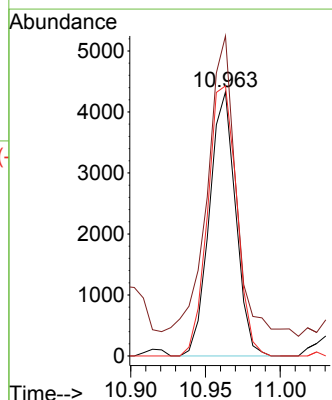
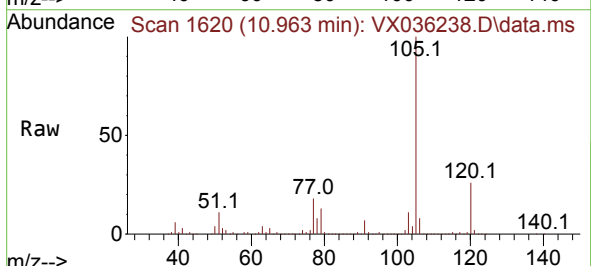
Tgt Ion: 75 Resp: 5282

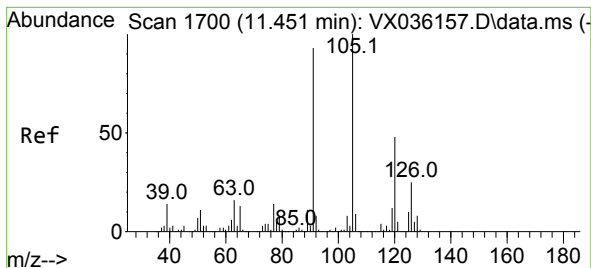
Ion Ratio Lower Upper

75 100

53 125.0 90.5 135.7

89 113.4 36.9 55.3#





#82

4-Chlorotoluene

Concen: 68.837 ug/l

RT: 11.402 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

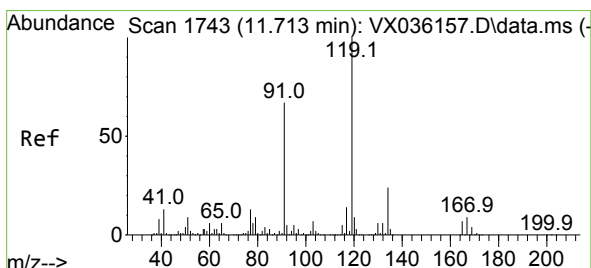
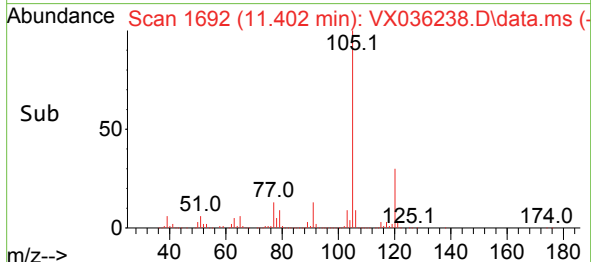
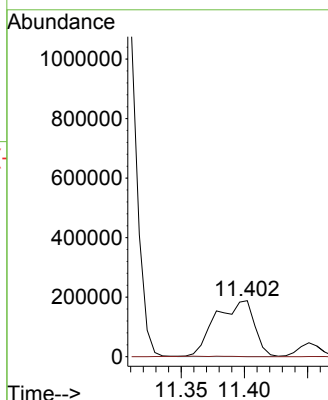
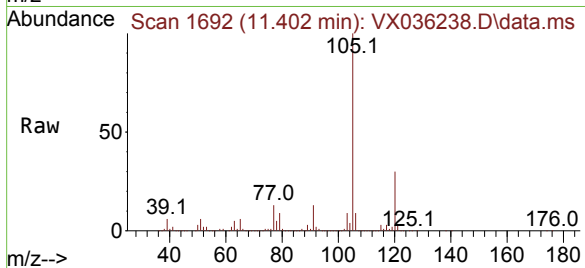
MW-5B

Tgt Ion: 91 Resp: 403860

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.6#



#83

tert-Butylbenzene

Concen: 159.863 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

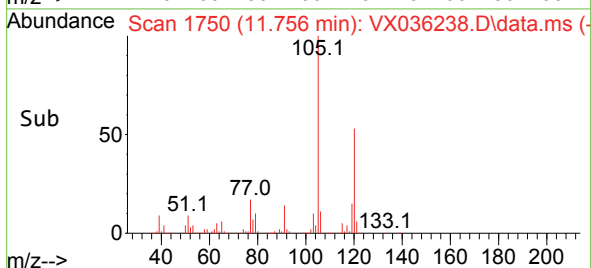
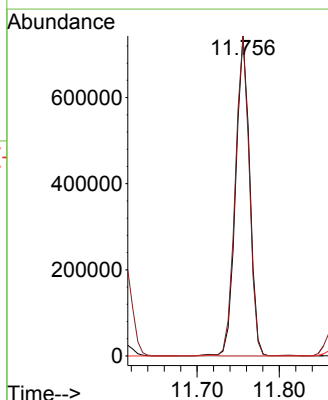
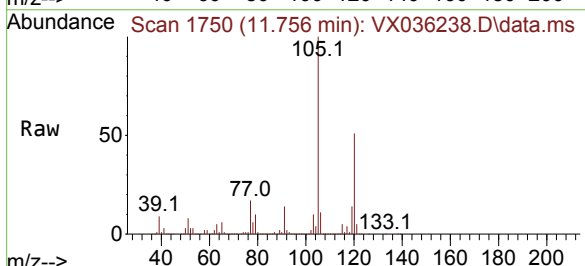
Tgt Ion: 119 Resp: 880662

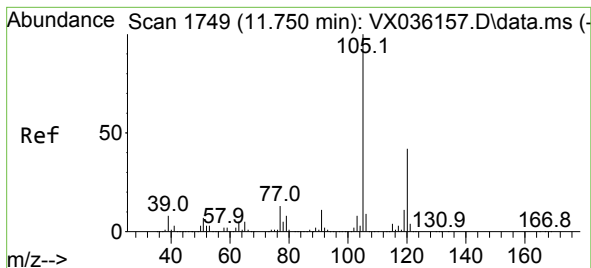
Ion Ratio Lower Upper

119 100

91 100.7 31.2 93.6#

134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 1140.808 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

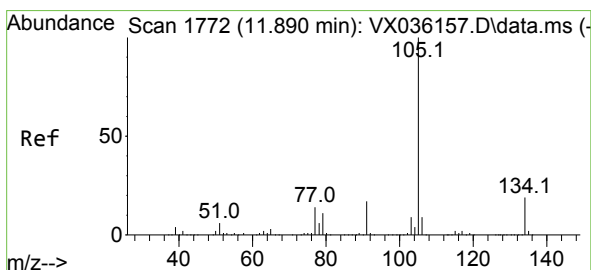
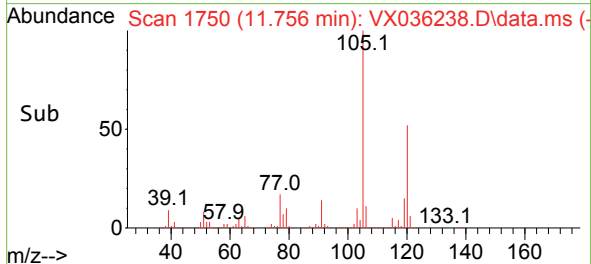
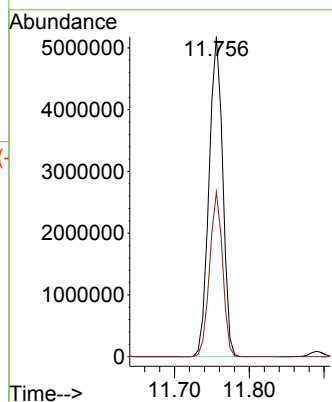
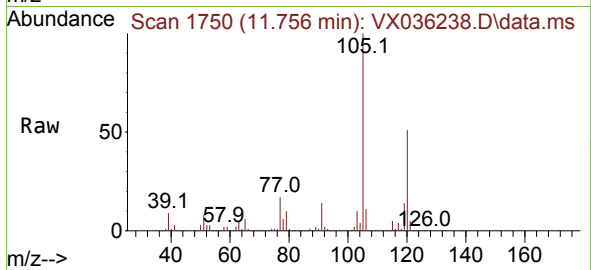
MW-5B

Tgt Ion:105 Resp: 6593733

Ion Ratio Lower Upper

105 100

120 48.7 21.2 63.6



#85

sec-Butylbenzene

Concen: 961.276 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX036238.D

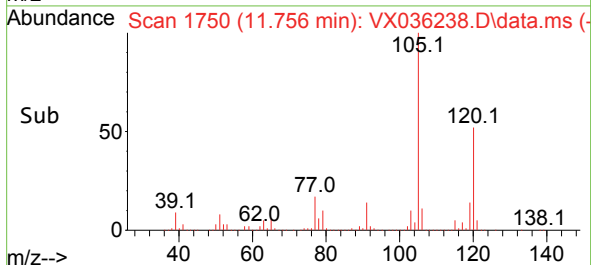
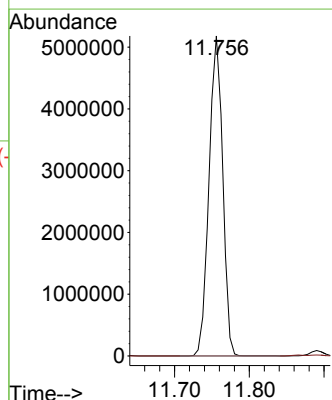
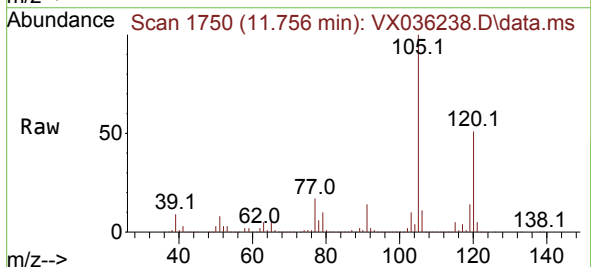
Acq: 20 Jun 2023 13:20

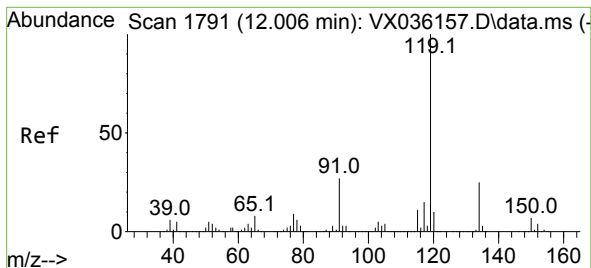
Tgt Ion:105 Resp: 6593733

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 17.594 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

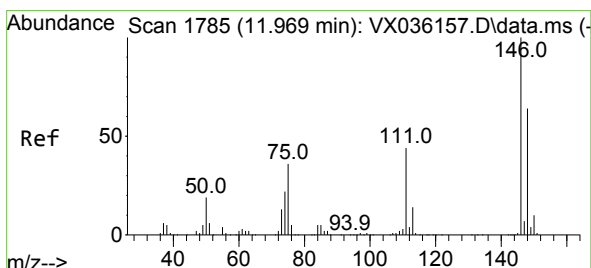
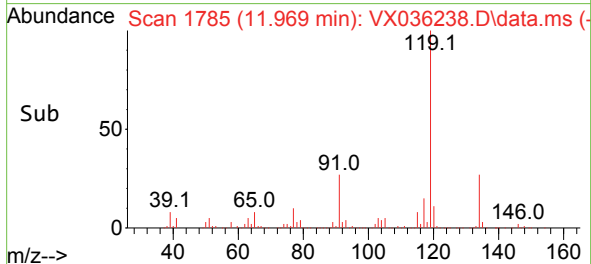
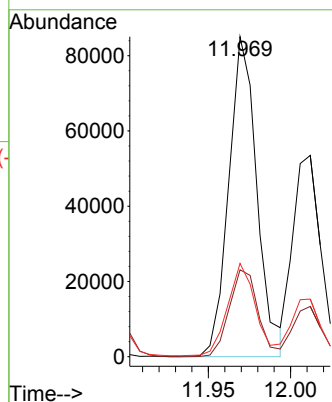
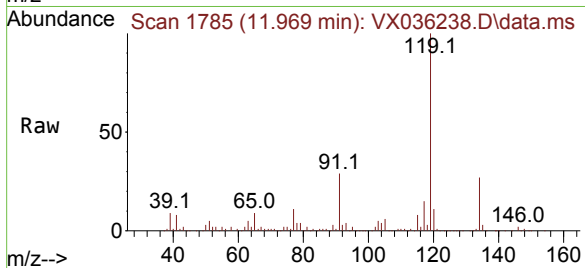
Tgt Ion:119 Resp: 101538

Ion Ratio Lower Upper

119 100

134 27.9 12.8 38.3

91 28.0 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.737 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

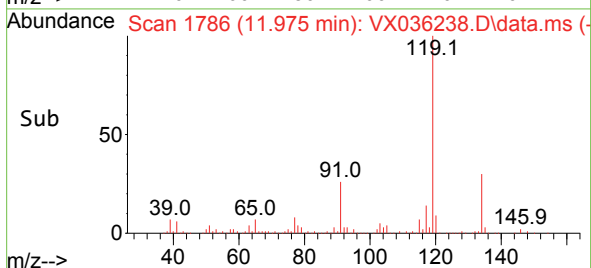
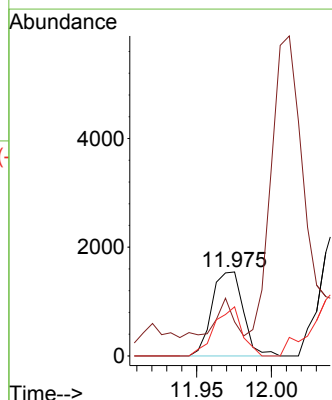
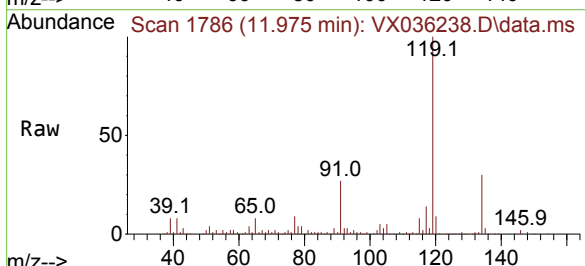
Tgt Ion:146 Resp: 2242

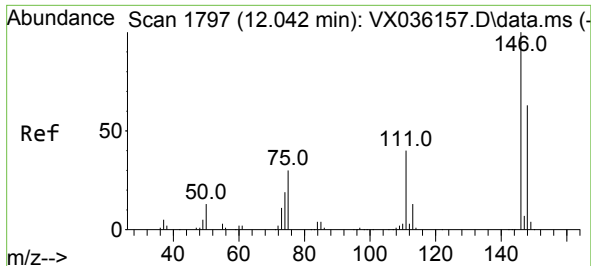
Ion Ratio Lower Upper

146 100

111 37.5 22.1 66.1

148 51.8 31.8 95.3

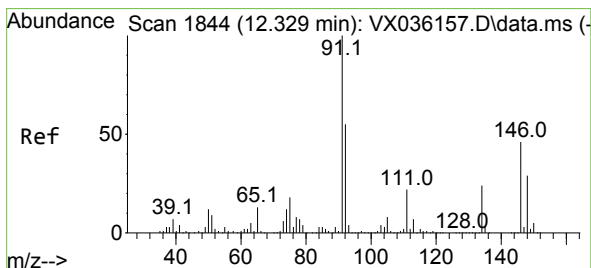
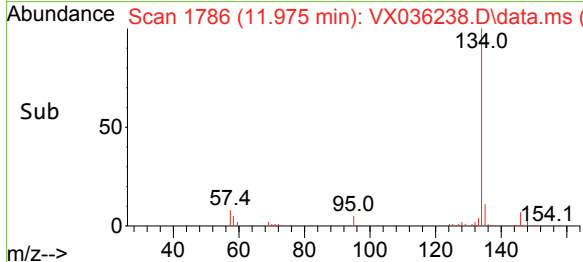
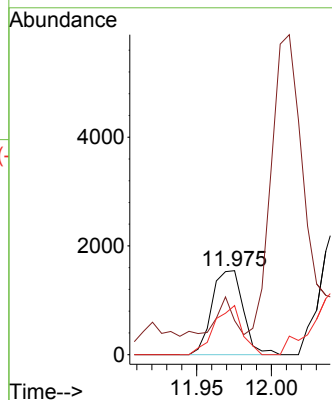
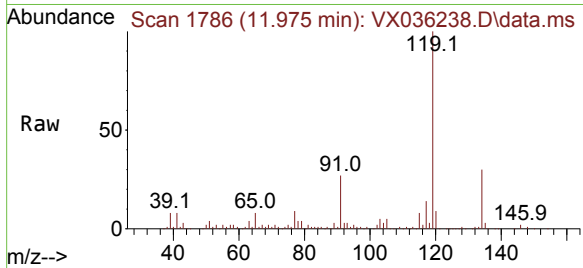




#88
1,4-Dichlorobenzene
Concen: 0.720 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

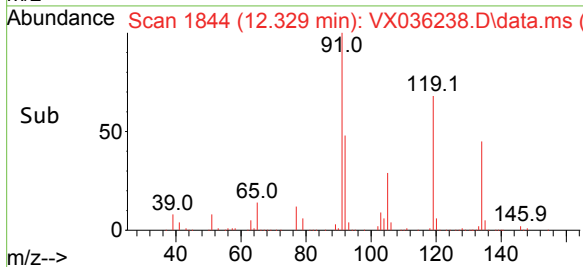
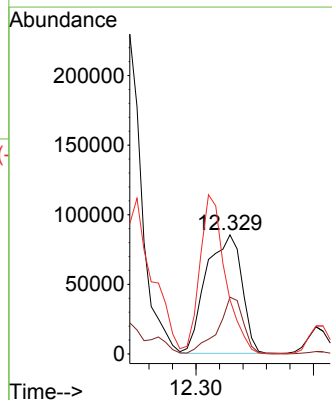
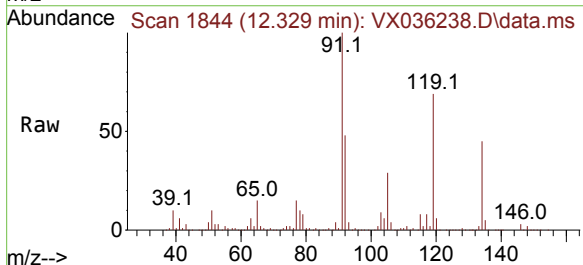
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

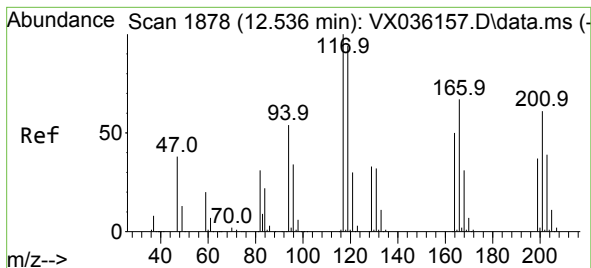
Tgt Ion:146 Resp: 2242
Ion Ratio Lower Upper
146 100
111 34.8 21.3 63.7
148 51.8 31.8 95.4



#89
n-Butylbenzene
Concen: 34.849 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 91 Resp: 179484
Ion Ratio Lower Upper
91 100
92 34.1 27.4 82.0
134 96.1 12.6 37.8#





#90

Hexachloroethane

Concen: 83.435 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

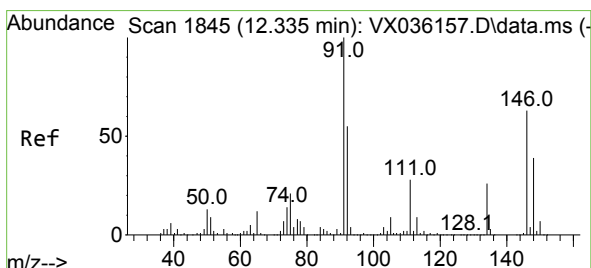
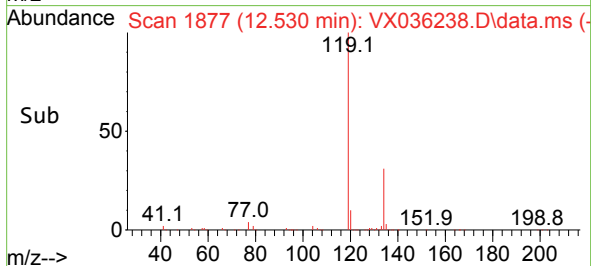
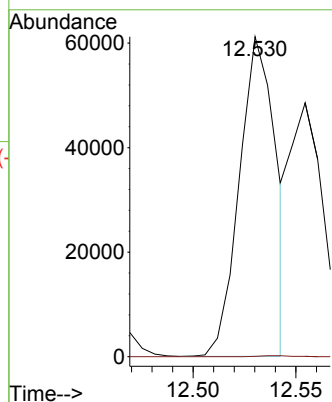
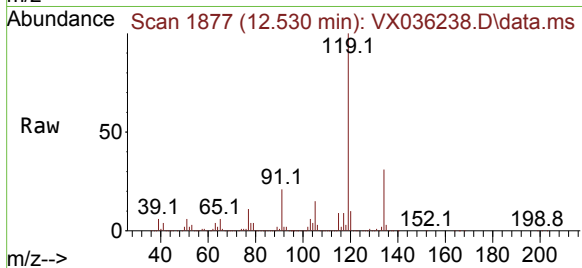
MW-5B

Tgt Ion:117 Resp: 75529

Ion Ratio Lower Upper

117 100

201 0.3 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 1.633 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

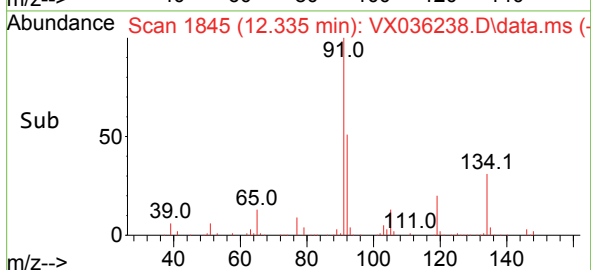
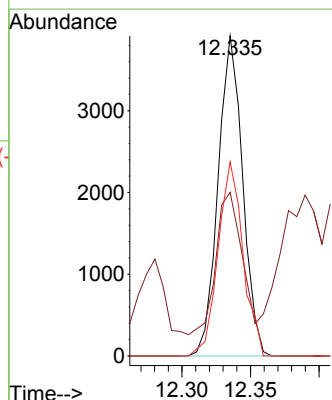
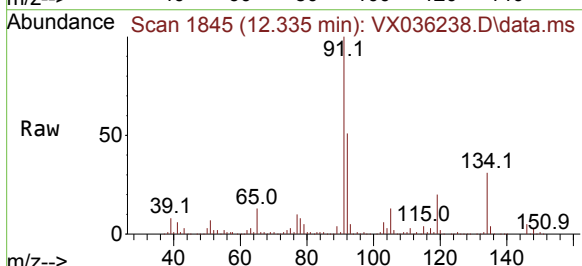
Tgt Ion:146 Resp: 4873

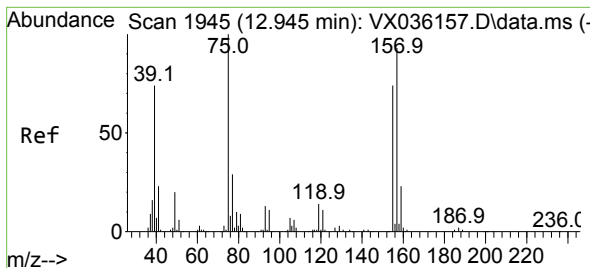
Ion Ratio Lower Upper

146 100

111 46.4 22.4 67.0

148 61.5 31.6 95.0

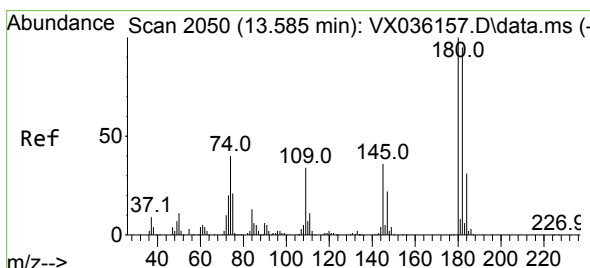
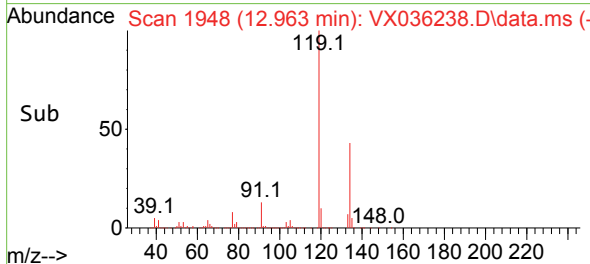
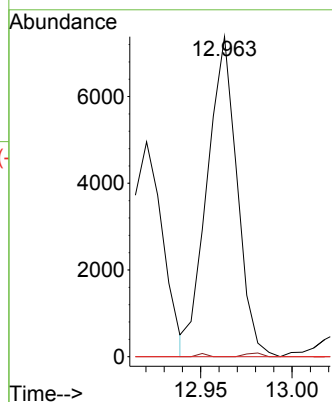
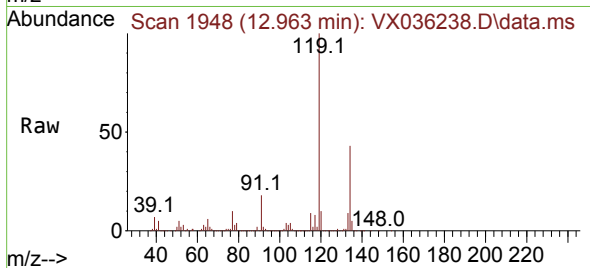




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.383 ug/l
 RT: 12.963 min Scan# 1948
 Delta R.T. 0.018 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

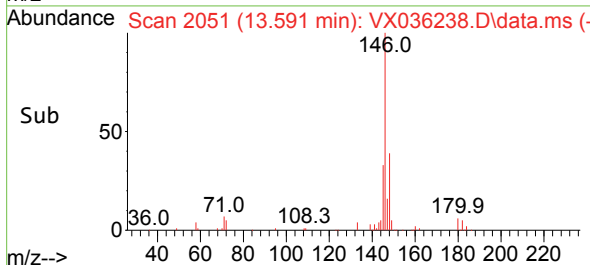
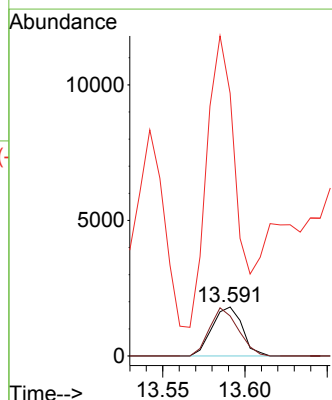
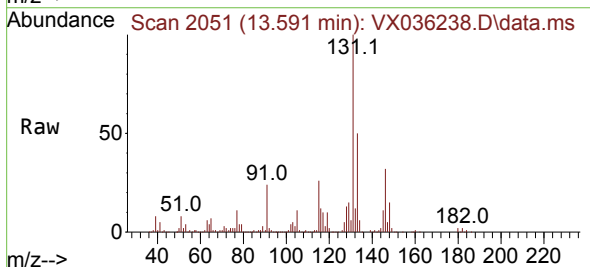
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

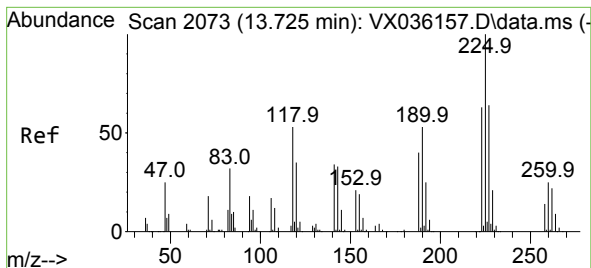
Tgt Ion: 75 Resp: 8420
 Ion Ratio Lower Upper
 75 100
 155 0.3 36.1 108.5#
 157 0.0 44.9 134.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.360 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion: 180 Resp: 2301
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.3 144.8
 145 656.9 18.0 54.0#





#94

Hexachlorobutadiene

Concen: 1.087 ug/l

RT: 13.731 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

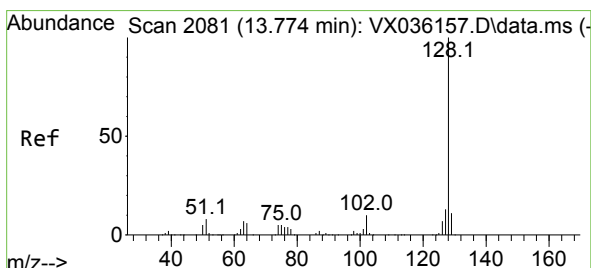
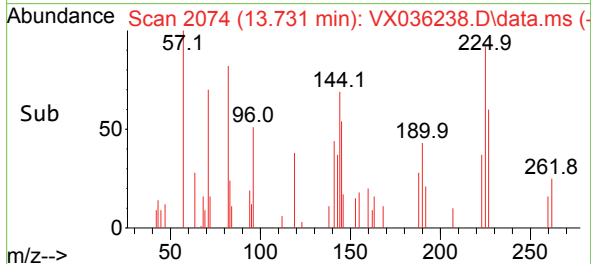
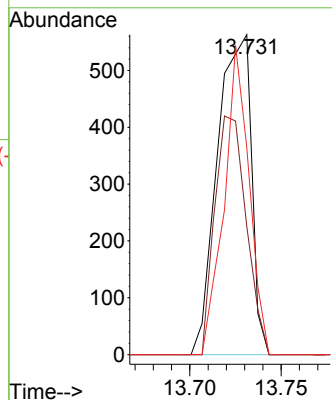
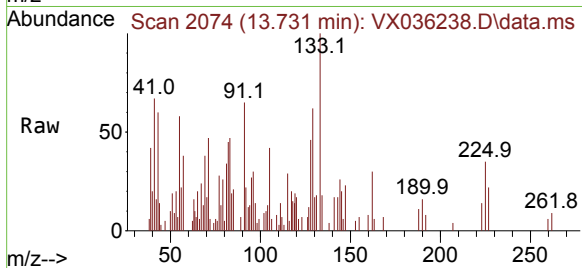
Tgt Ion:225 Resp: 727

Ion Ratio Lower Upper

225 100

223 69.1 31.1 93.2

227 71.1 32.5 97.5



#95

Naphthalene

Concen: 135.563 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

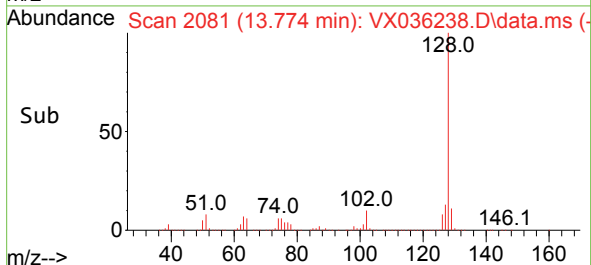
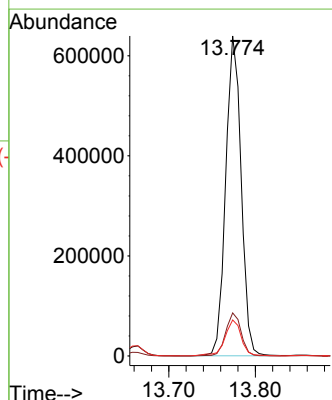
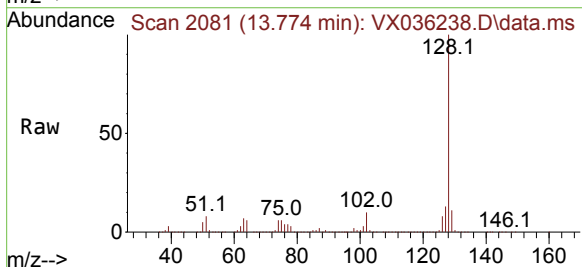
Tgt Ion:128 Resp: 791016

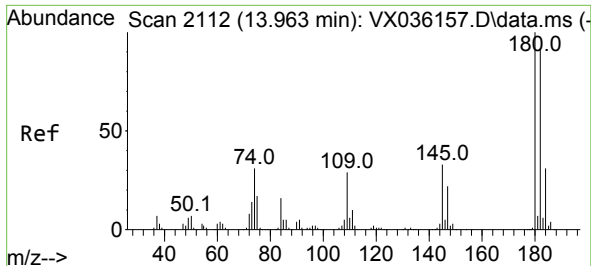
Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

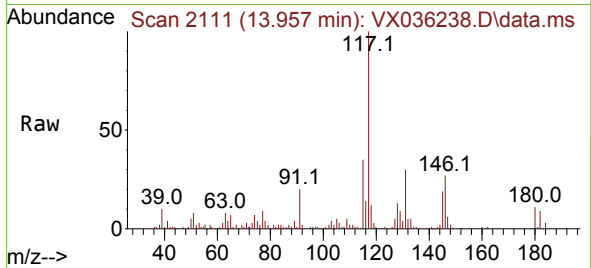
129 11.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.218 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B



Tgt Ion:180 Resp: 2066
 Ion Ratio Lower Upper
 180 100
 182 108.7 46.9 140.6
 145 483.8 17.8 53.5#

