

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028038.D
 Acq On : 08 Apr 2022 19:27
 Operator : JC/MD
 Sample : N2334-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21RR

Quant Time: Apr 11 01:19:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

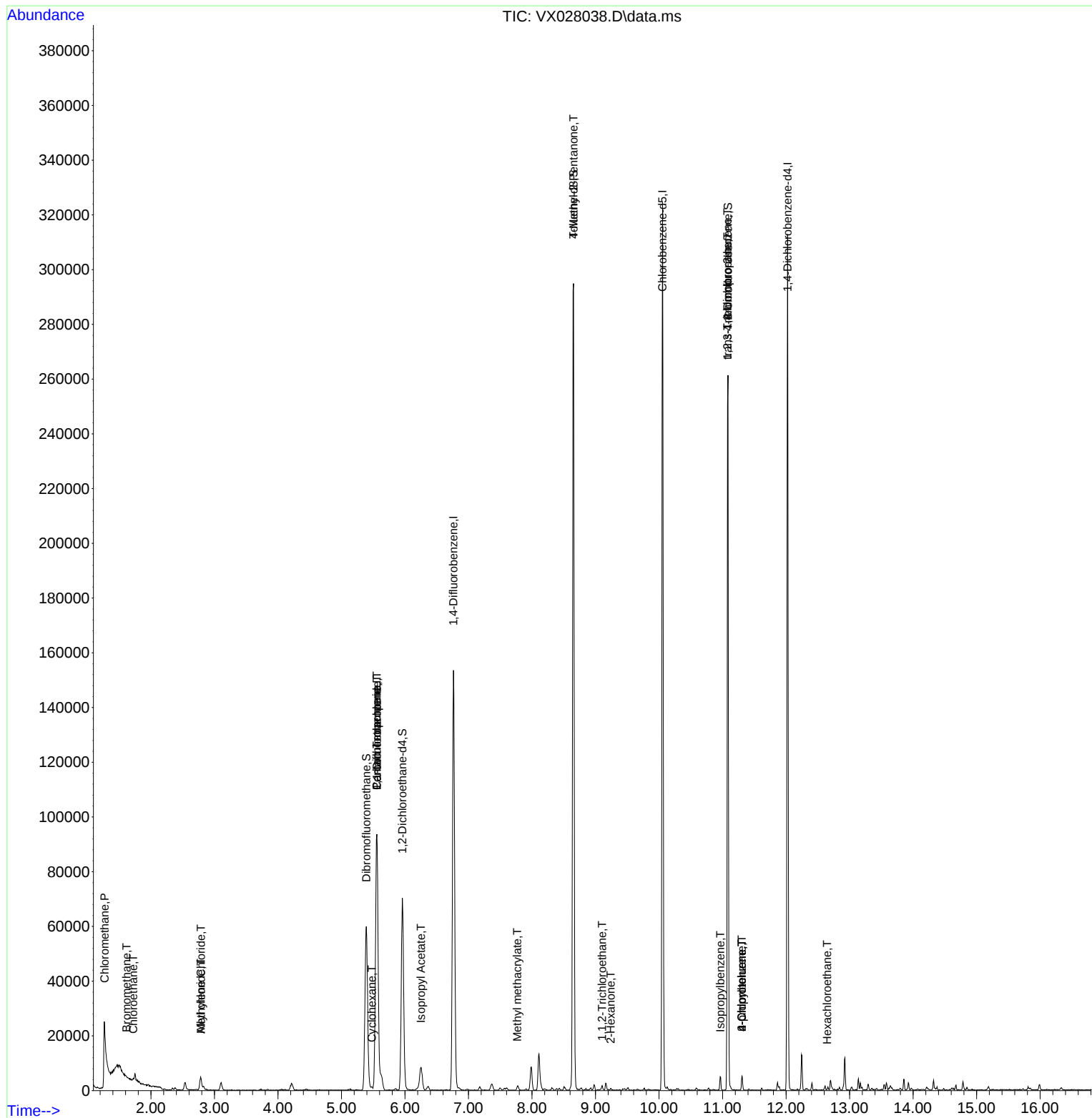
Internal Standards						
1) Pentafluorobenzene	5.556	168	79605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71081	58.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.640%	
35) Dibromofluoromethane	5.391	113	50122	52.529	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.060%	
50) Toluene-d8	8.653	98	170299	50.021	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.085	95	68507	47.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	1060	2.627	ug/l	# 42
5) Bromomethane	1.618	94	32	0.777	ug/l	# 72
6) Chloroethane	1.721	64	1443	4.131	ug/l	# 86
14) Allyl chloride	2.788	41	1538	1.076	ug/l	# 72
16) Acetone	2.380	43	1029	Below Cal	#	61
17) Carbon Disulfide	2.508	76	216	Below Cal	#	75
20) Methylene Chloride	2.788	84	216	2.556	ug/l	# 82
31) Cyclohexane	5.477	56	693	0.473	ug/l	# 77
36) 1,1-Dichloropropene	5.556	75	7808	5.565	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9176	6.042	ug/l	# 14
43) Isopropyl Acetate	6.251	43	2668	1.075	ug/l	# 56
48) Methyl methacrylate	7.769	41	404	0.319	ug/l	# 57
51) 4-Methyl-2-Pentanone	8.653	43	1098	0.678	ug/l	# 1
55) 1,1,2-Trichloroethane	9.104	97	535	0.540	ug/l	# 16
59) 2-Hexanone	9.238	43	365	0.283	ug/l	74
73) Isopropylbenzene	10.963	105	2546	0.586	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	40322	29.322	ug/l	# 38
78) n-propylbenzene	11.305	91	3470	0.670	ug/l	95
79) 2-Chlorotoluene	11.305	91	3470	1.087	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.079	75	40322	90.083	ug/l	# 15
82) 4-Chlorotoluene	11.305	91	3470	0.934	ug/l	# 45
90) Hexachloroethane	12.646	117	158	0.285	ug/l	# 10

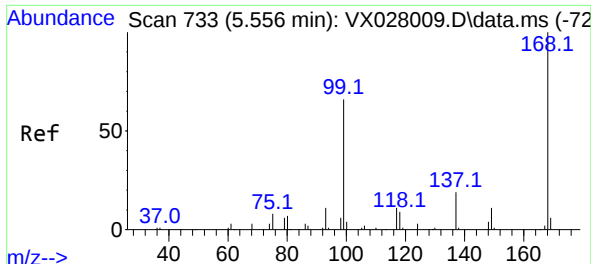
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
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Sample : N2334-09
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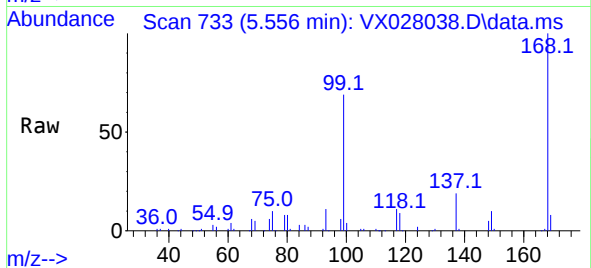
Quant Time: Apr 11 01:19:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
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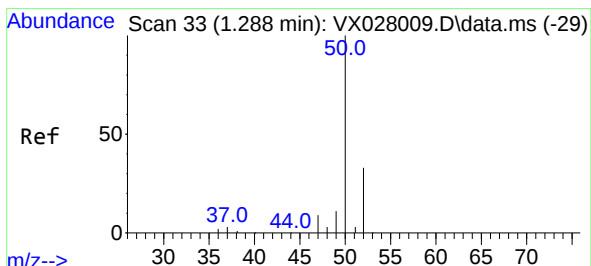
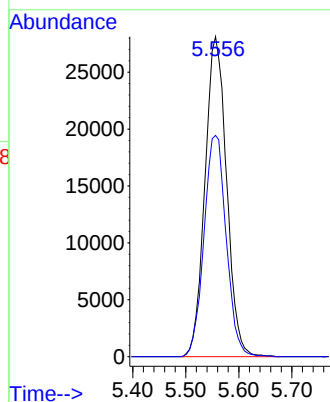


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

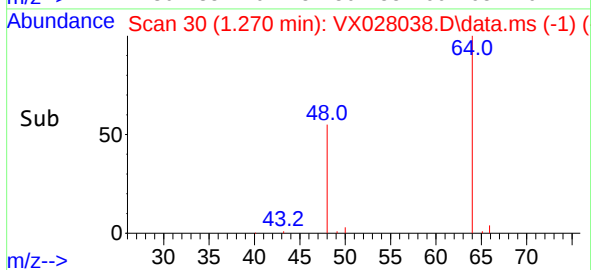
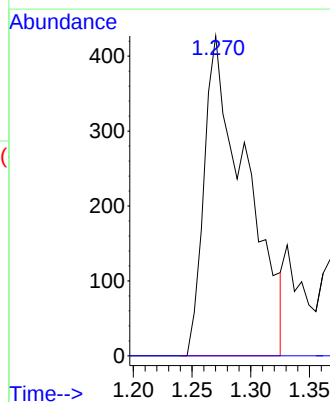
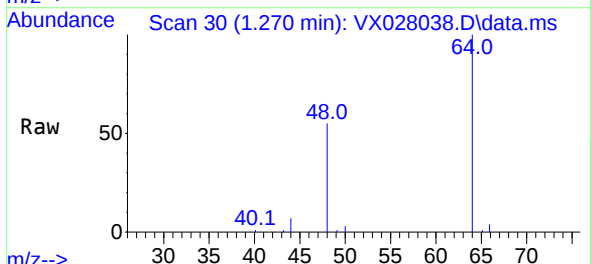


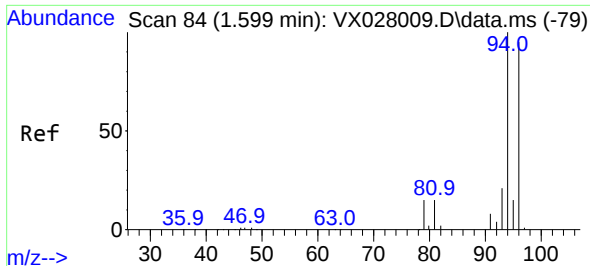
Tgt Ion:168 Resp: 79605
Ion Ratio Lower Upper
168 100
99 69.2 41.7 62.5#



#3
Chloromethane
Concen: 2.627 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 50 Resp: 1060
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

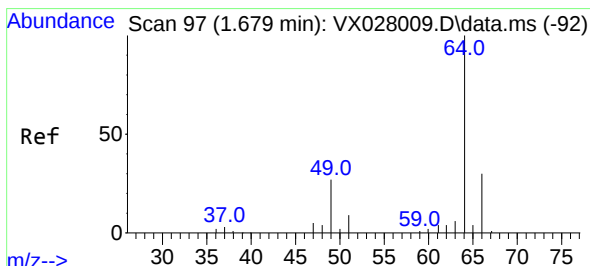
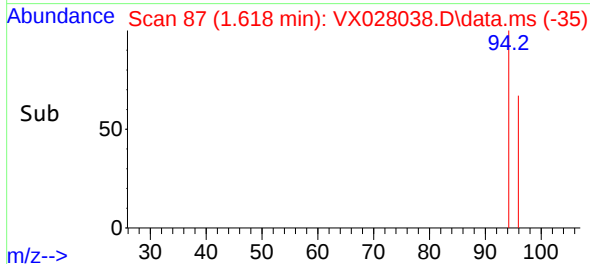
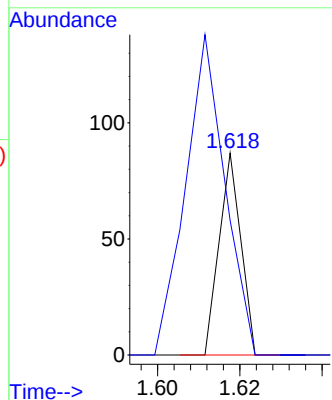
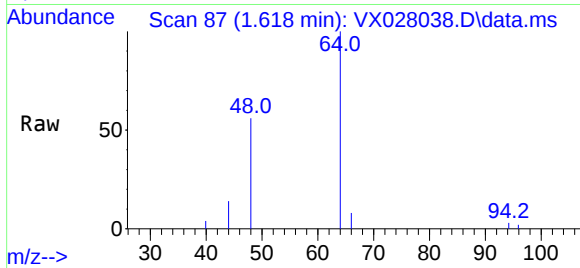




#5
Bromomethane
Concen: 0.777 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

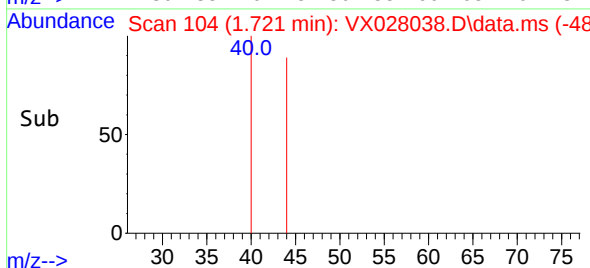
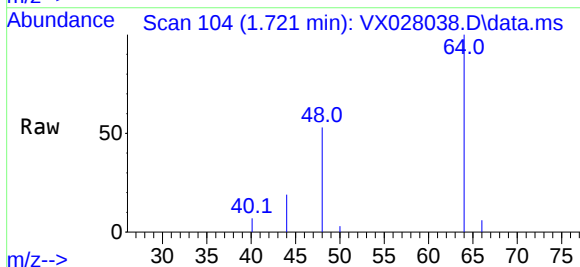
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

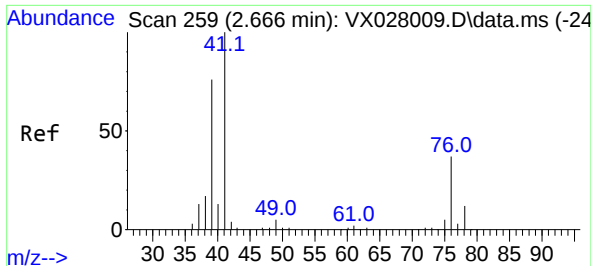
Tgt Ion: 94 Resp: 32
Ion Ratio Lower Upper
94 100
96 66.7 75.3 112.9#



#6
Chloroethane
Concen: 4.131 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 64 Resp: 1443
Ion Ratio Lower Upper
64 100
66 23.7 25.3 37.9#





#14

Allyl chloride

Concen: 1.076 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.122 min

Lab File: VX028038.D

Acq: 08 Apr 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

MW-21RR

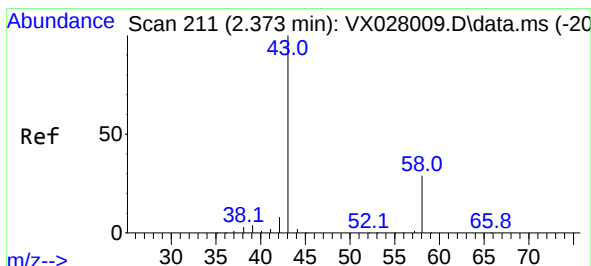
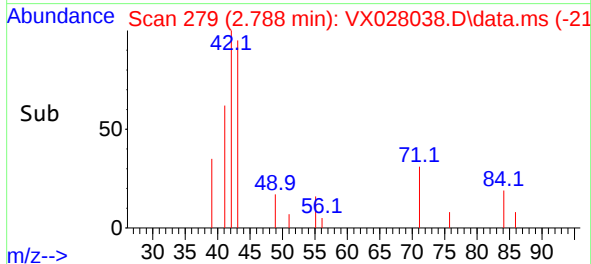
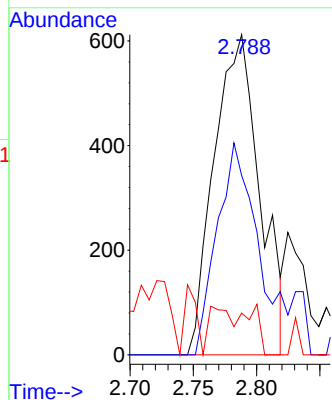
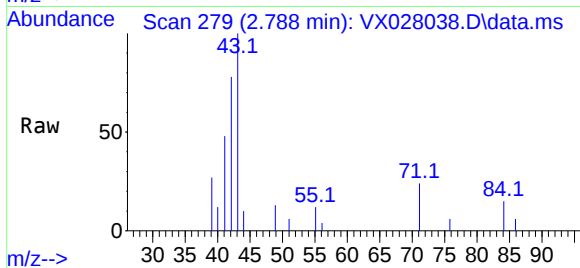
Tgt Ion: 41 Resp: 1538

Ion Ratio Lower Upper

41 100

39 65.7 50.4 75.6

76 0.0 32.7 49.1#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028038.D

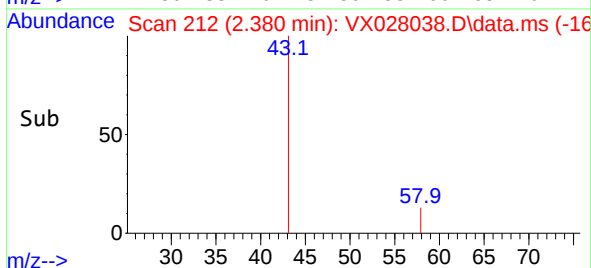
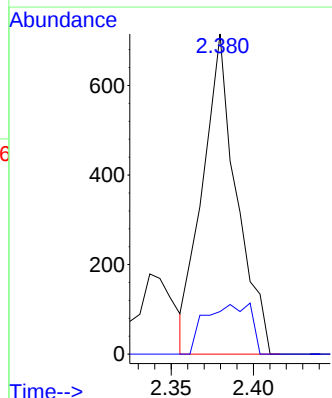
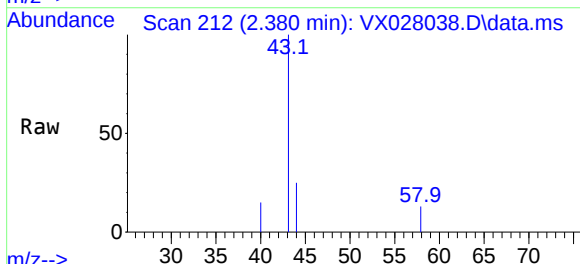
Acq: 08 Apr 2022 19:27

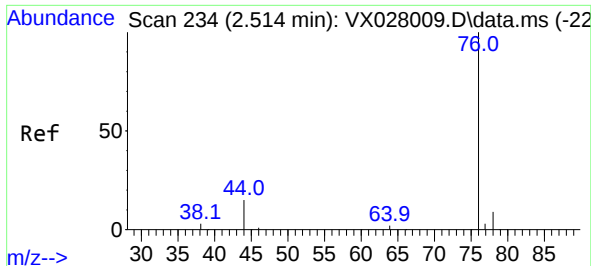
Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

43 100

58 13.3 28.8 43.2#

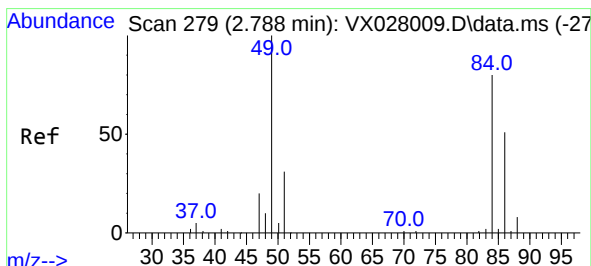
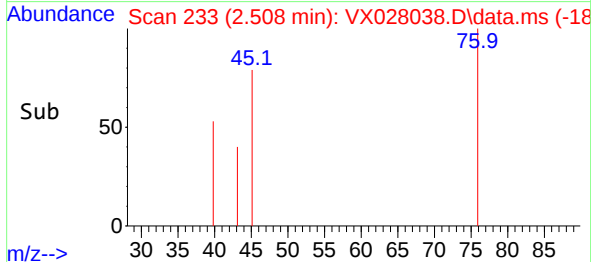
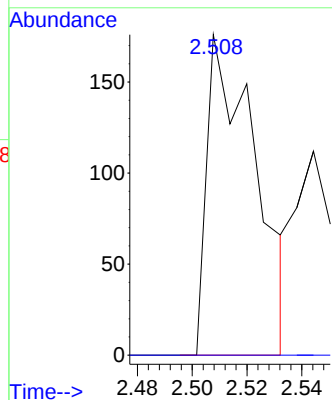
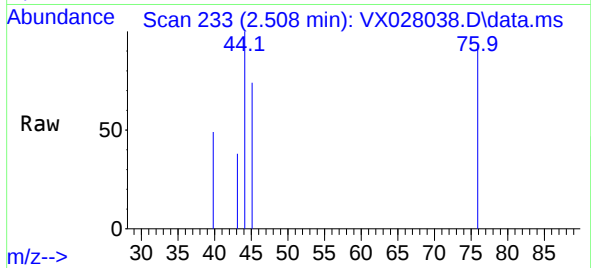




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

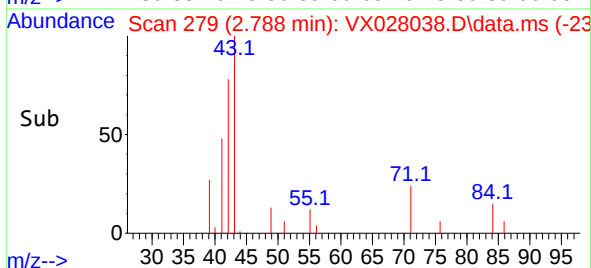
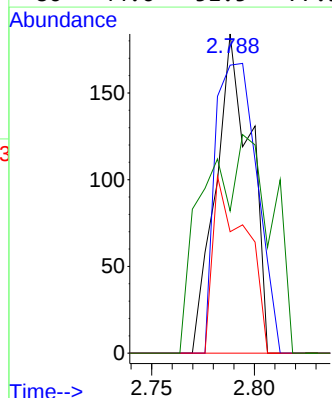
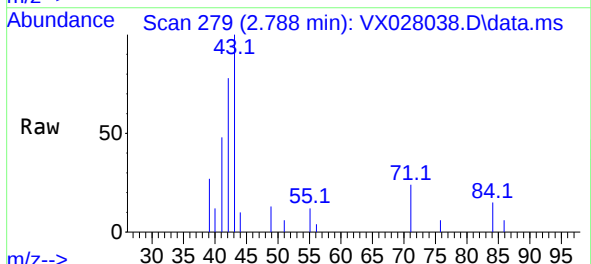
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

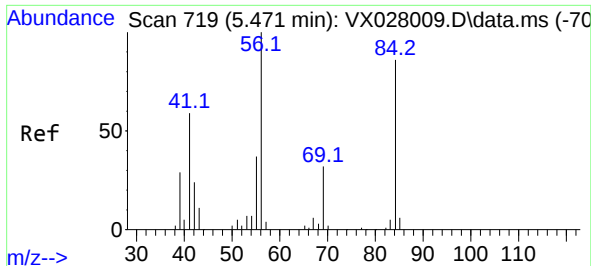
Tgt Ion: 76 Resp: 216
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 2.556 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

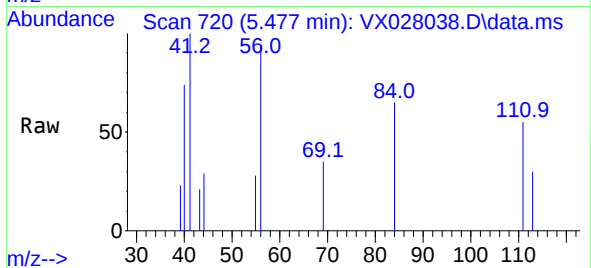
Tgt Ion: 84 Resp: 216
Ion Ratio Lower Upper
84 100
49 90.2 85.5 128.3
51 38.0 26.6 39.8
86 44.6 51.5 77.3#



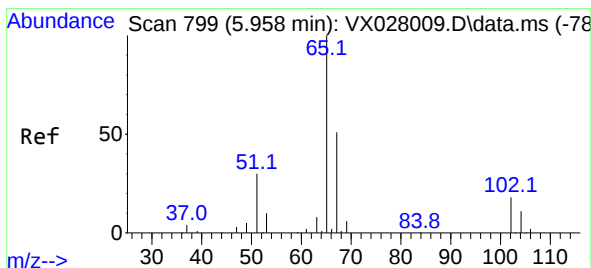
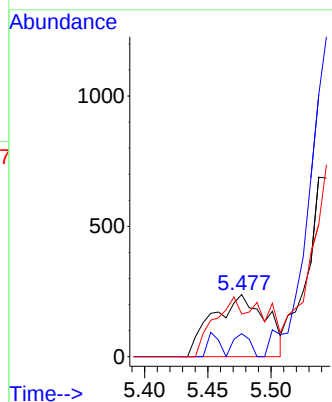
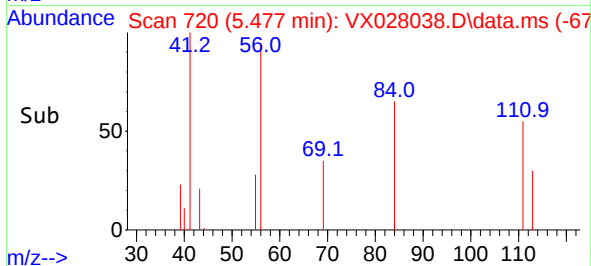


#31
Cyclohexane
Concen: 0.473 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

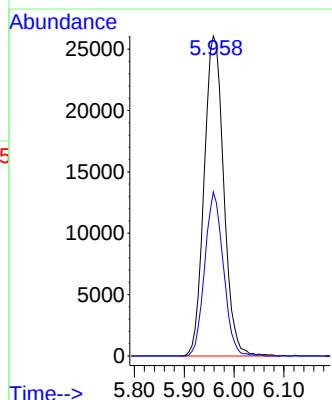
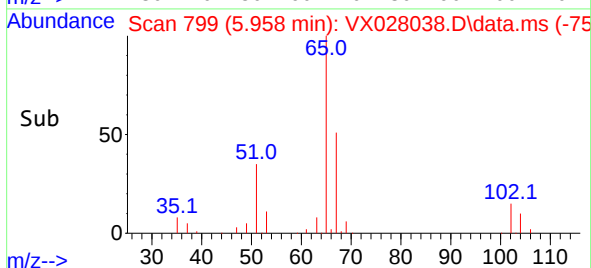
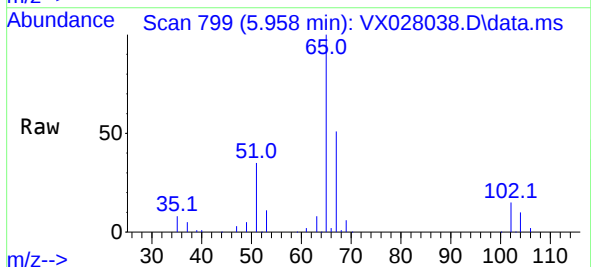


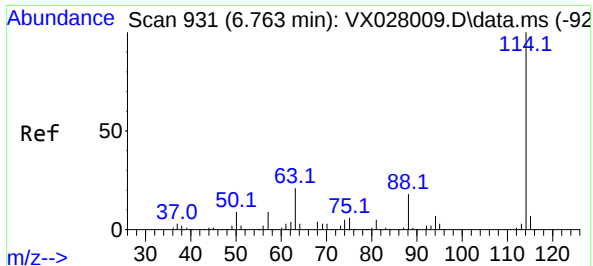
Tgt Ion: 56 Resp: 693
Ion Ratio Lower Upper
56 100
69 37.0 26.7 40.1
84 68.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.821 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 65 Resp: 71081
Ion Ratio Lower Upper
65 100
67 48.8 0.0 107.4



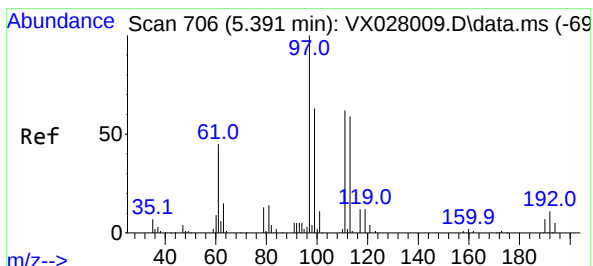
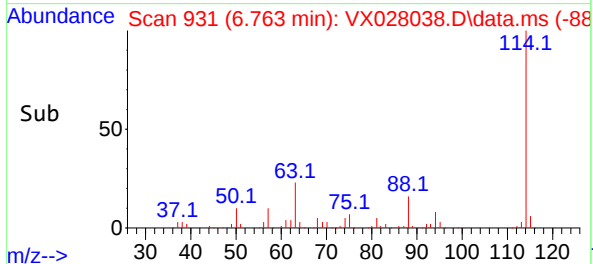
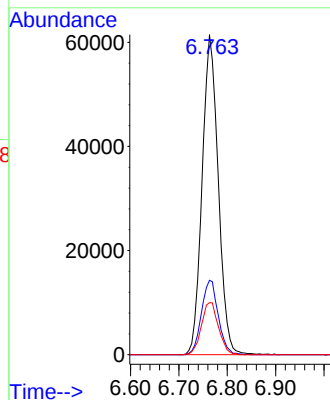
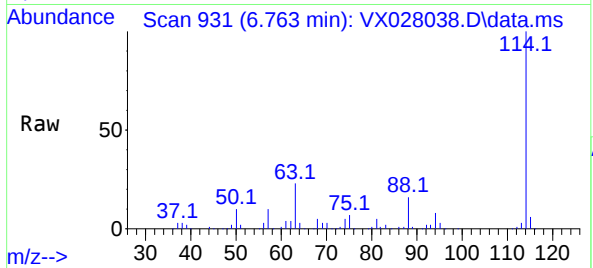


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

Tgt Ion:114 Resp: 142150

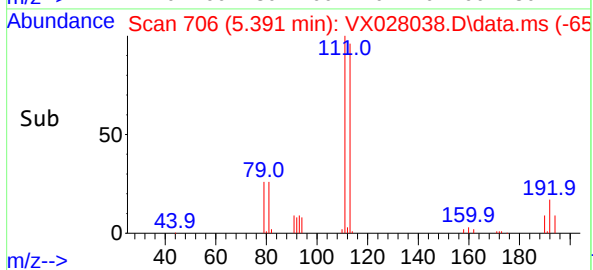
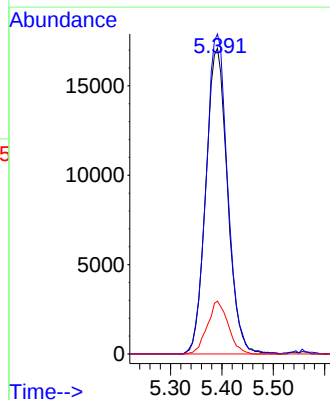
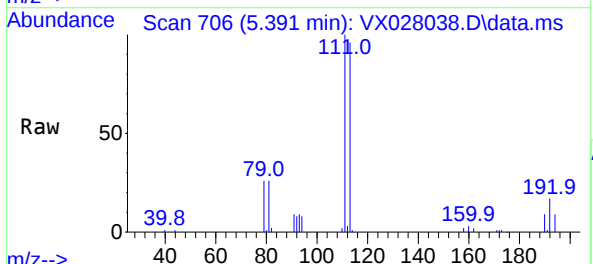
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	36.8
88	16.3	0.0	32.4

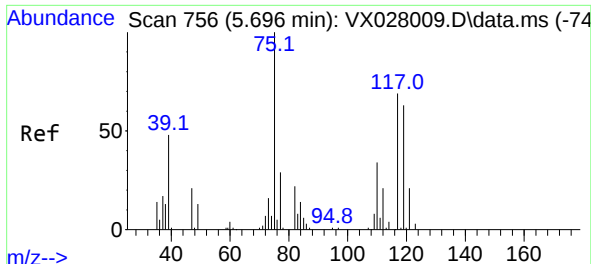


#35
Dibromofluoromethane
Concen: 52.529 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion:113 Resp: 50122

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.8	124.2
192	16.6	16.9	25.3

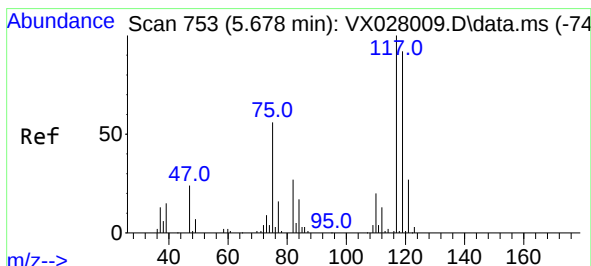
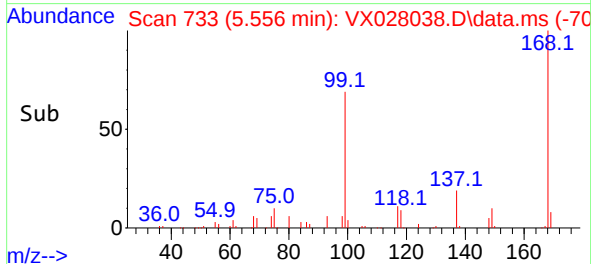
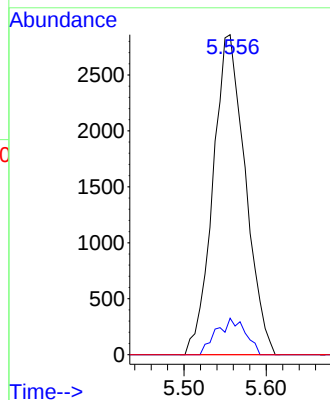
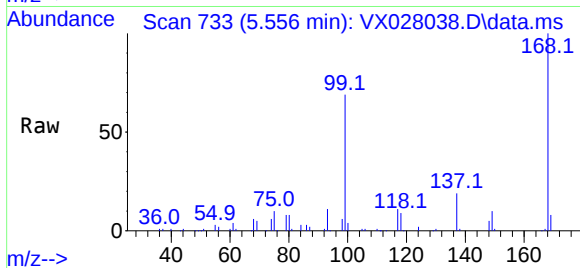




#36
1,1-Dichloropropene
Concen: 5.565 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

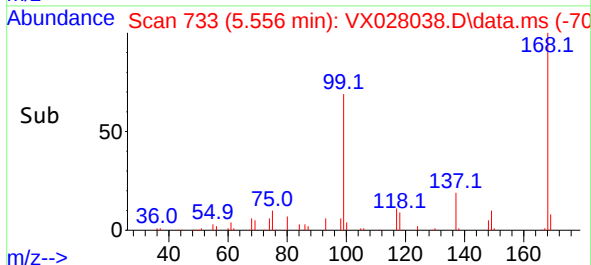
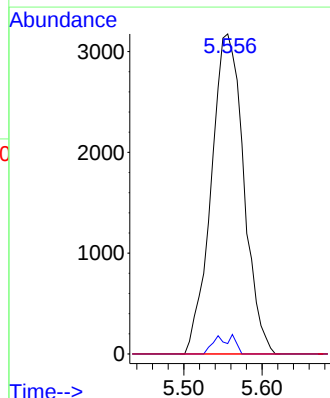
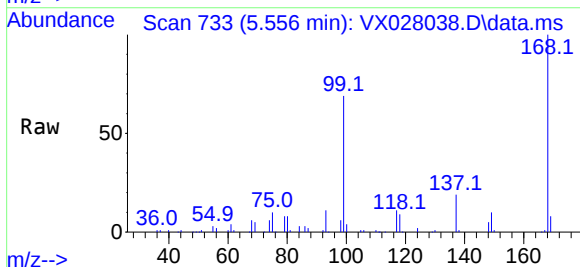
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

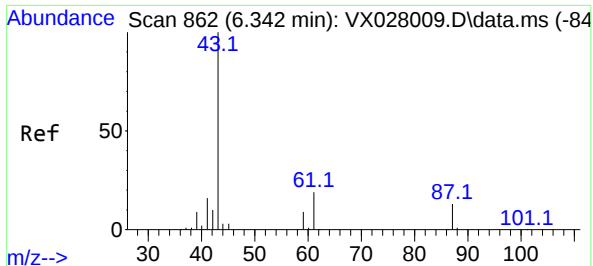
Tgt Ion: 75 Resp: 7808
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.042 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 117 Resp: 9176
Ion Ratio Lower Upper
117 100
119 3.3 77.3 115.9#
121 0.0 24.2 36.2#

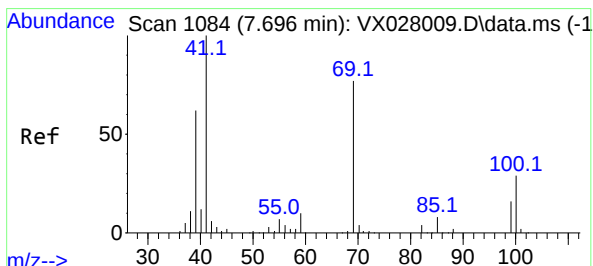
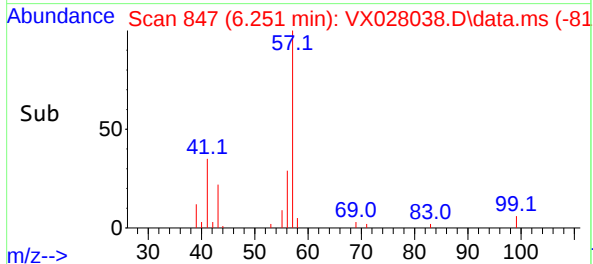
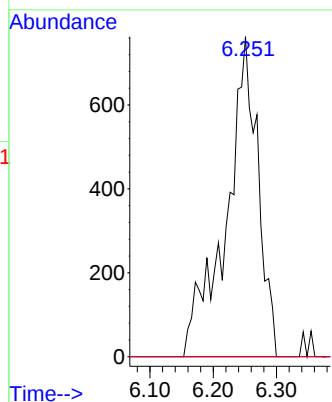
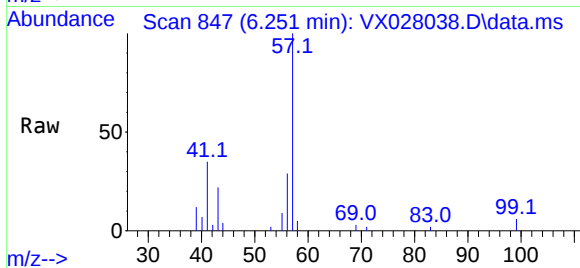




#43
Isopropyl Acetate
Concen: 1.075 ug/l
RT: 6.251 min Scan# 84
Delta R.T. -0.091 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

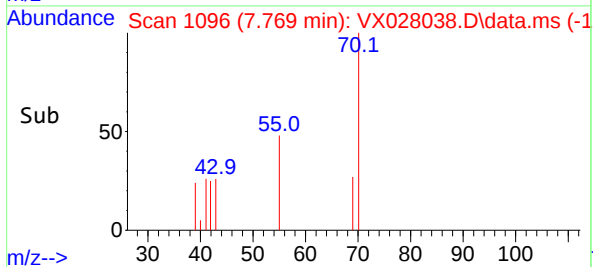
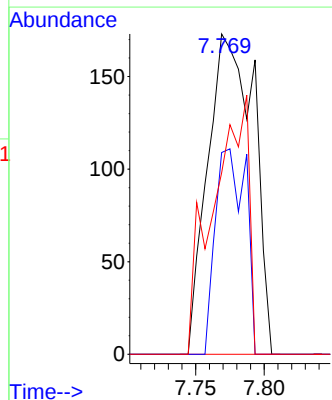
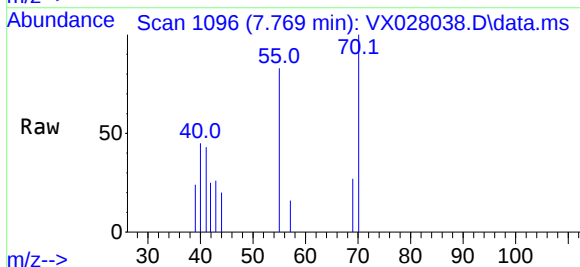
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

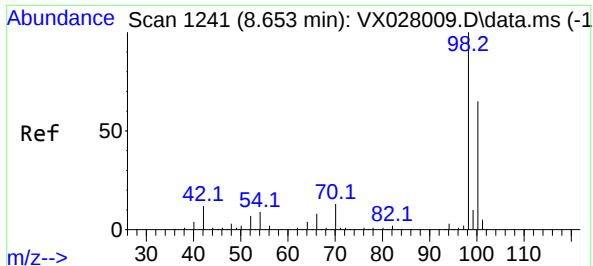
Tgt Ion: 43 Resp: 2668
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#48
Methyl methacrylate
Concen: 0.319 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. 0.073 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 41 Resp: 404
Ion Ratio Lower Upper
41 100
69 42.1 82.5 123.7#
39 62.4 43.8 65.8

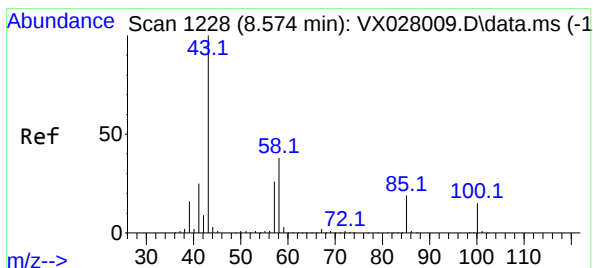
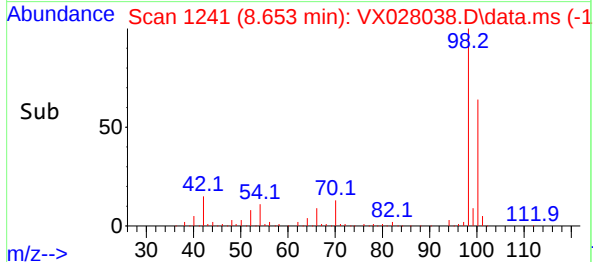
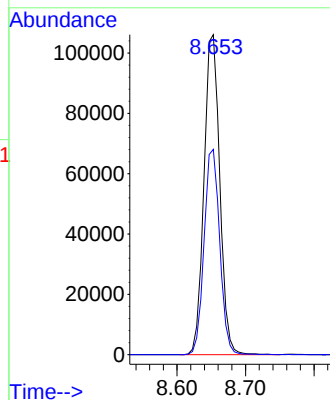
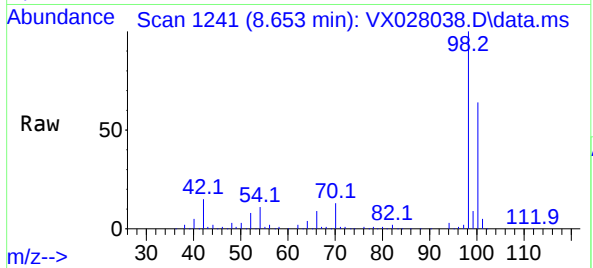




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

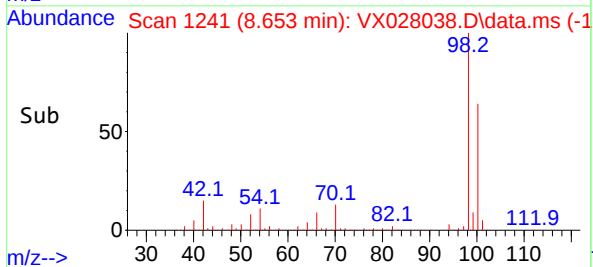
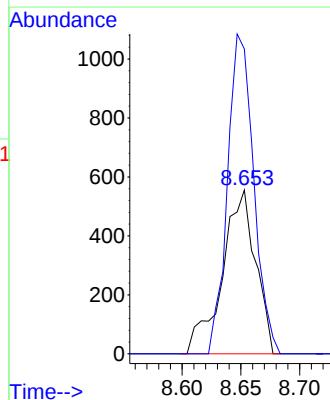
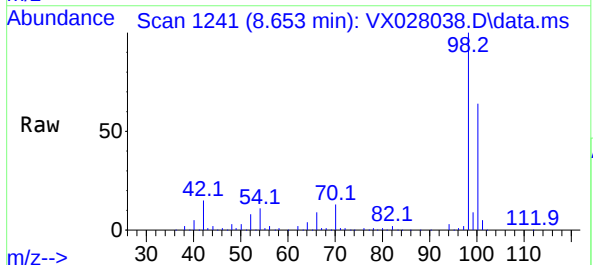
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

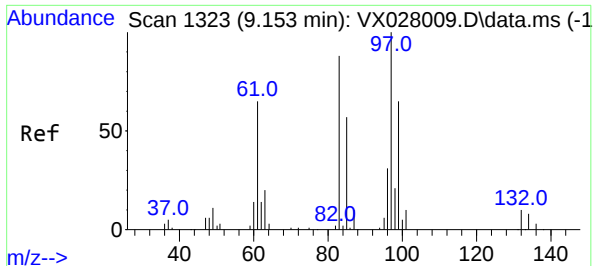
Tgt Ion: 98 Resp: 170299
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 153.6 36.1 54.1#



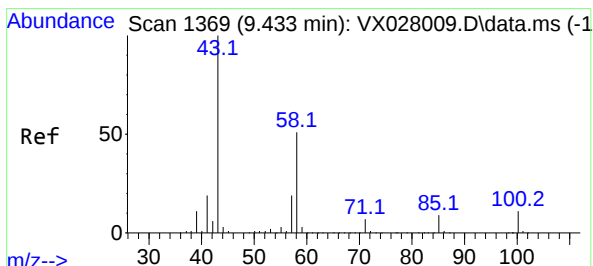
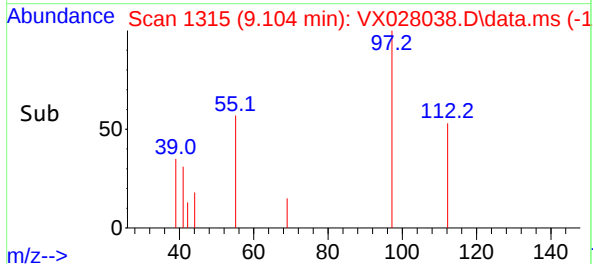
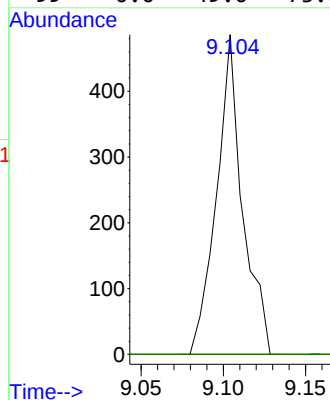
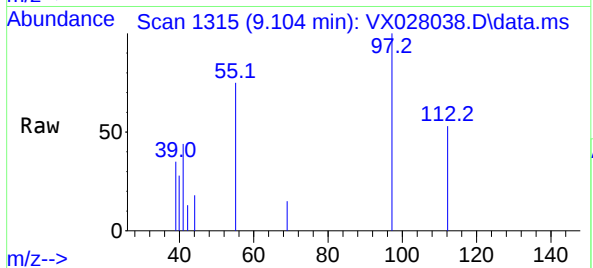


#55
1,1,2-Trichloroethane
Concen: 0.540 ug/l
RT: 9.104 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

Tgt Ion: 97 Resp: 535

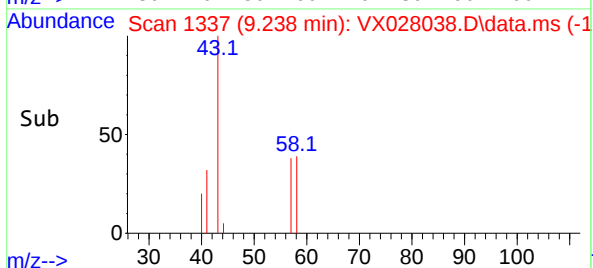
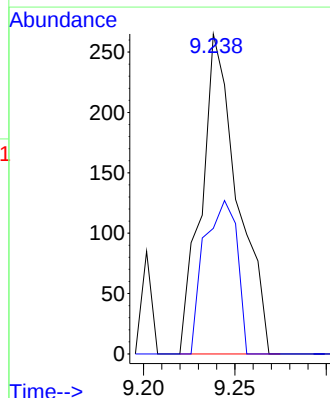
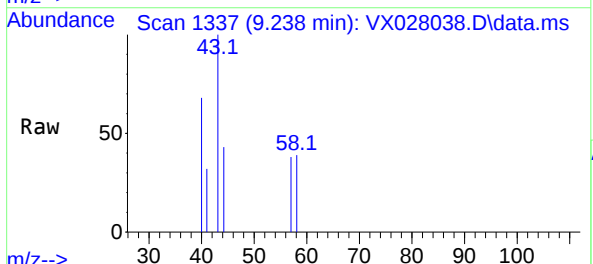
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	42.9	64.3#
99	0.0	49.0	73.6#

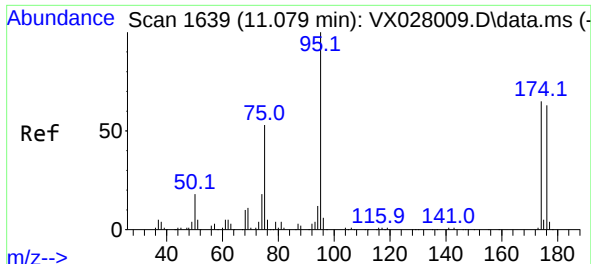


#59
2-Hexanone
Concen: 0.283 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. -0.195 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 43 Resp: 365

Ion	Ratio	Lower	Upper
43	100		
58	43.6	31.9	95.7

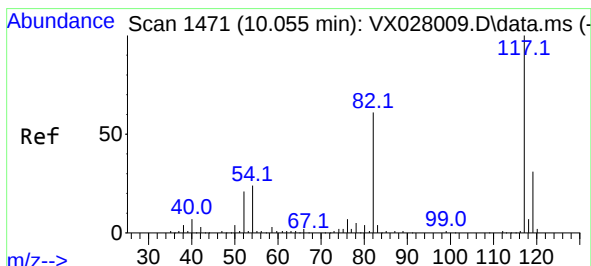
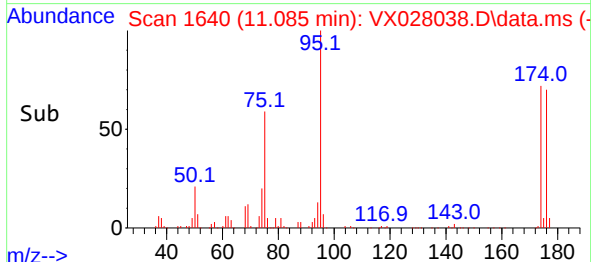
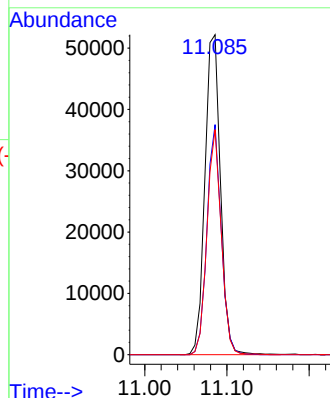
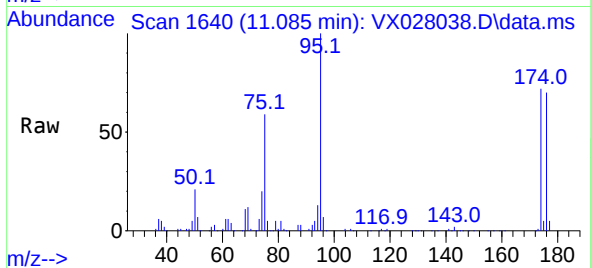




#62
4-Bromofluorobenzene
Concen: 47.335 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

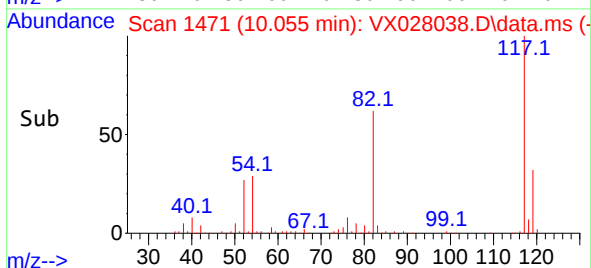
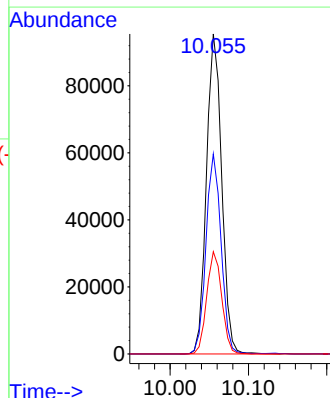
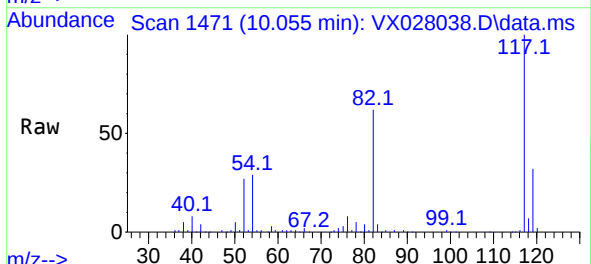
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

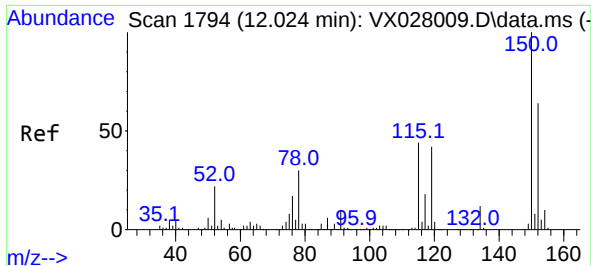
Tgt Ion: 95 Resp: 68507
Ion Ratio Lower Upper
95 100
174 65.9 0.0 163.0
176 64.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 117 Resp: 128740
Ion Ratio Lower Upper
117 100
82 62.5 41.8 62.8
119 32.0 24.8 37.2

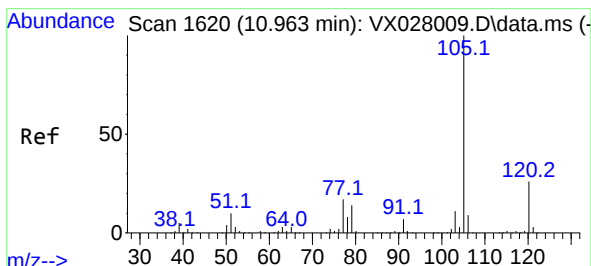
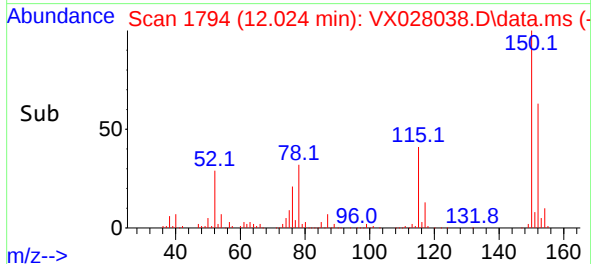
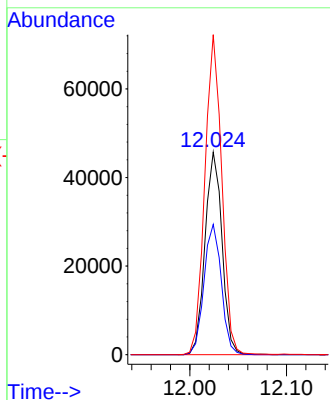
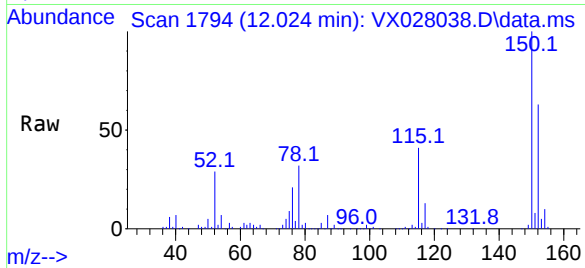




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

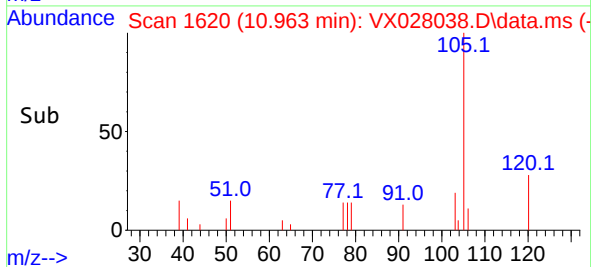
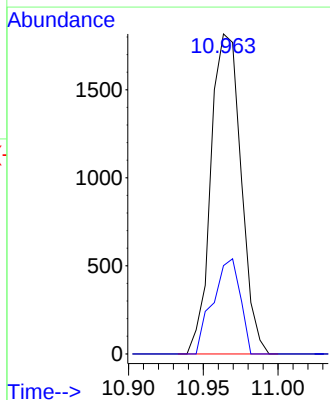
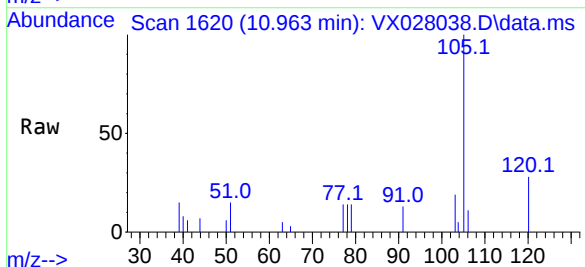
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

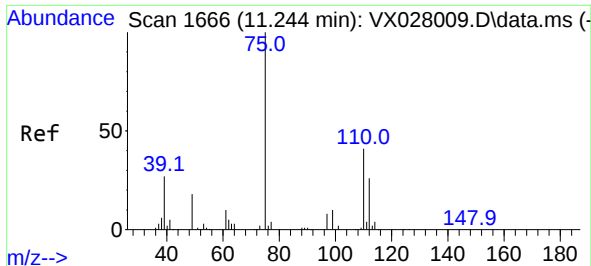
Tgt Ion:152 Resp: 56060
Ion Ratio Lower Upper
152 100
115 65.5 37.5 112.7
150 157.2 0.0 338.2



#73
Isopropylbenzene
Concen: 0.586 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion:105 Resp: 2546
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5

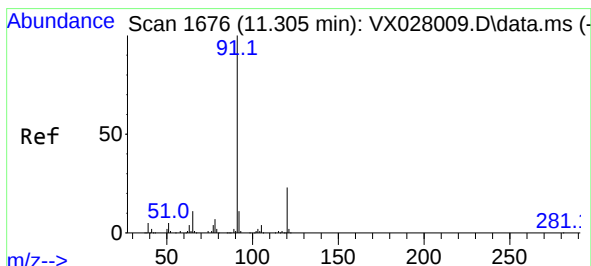
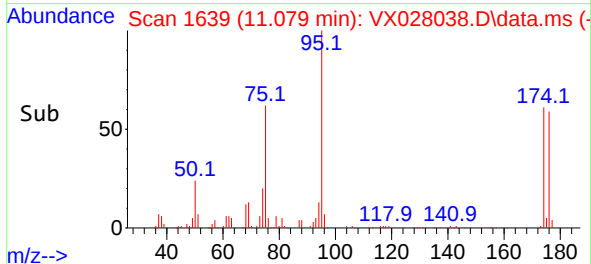
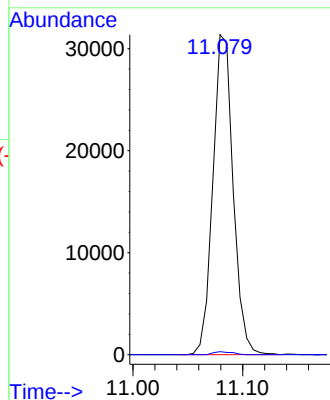
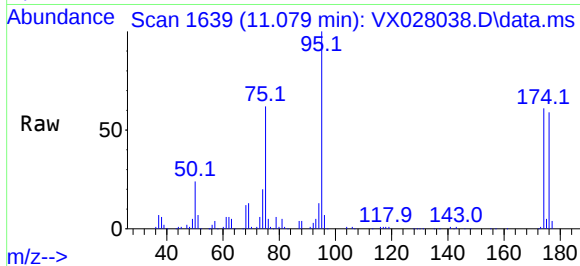




#76
1,2,3-Trichloropropane
Concen: 29.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

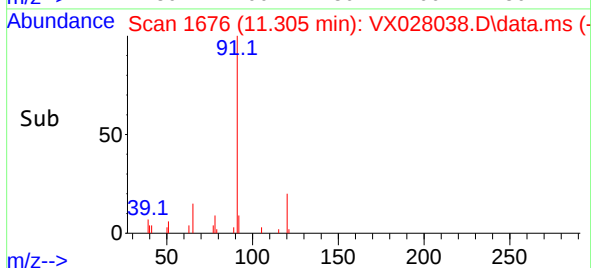
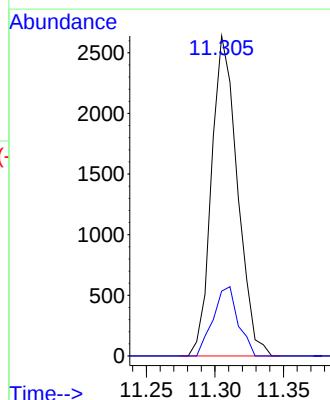
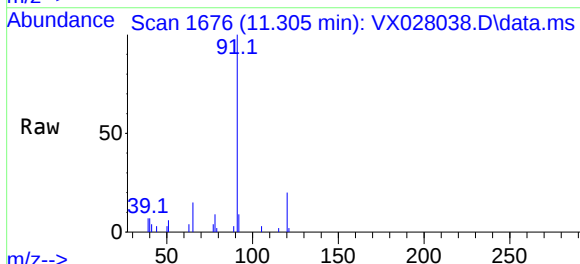
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

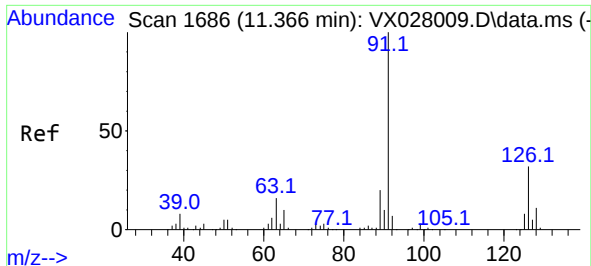
Tgt Ion: 75 Resp: 40322
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#78
n-propylbenzene
Concen: 0.670 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 91 Resp: 3470
Ion Ratio Lower Upper
91 100
120 20.8 11.6 34.8

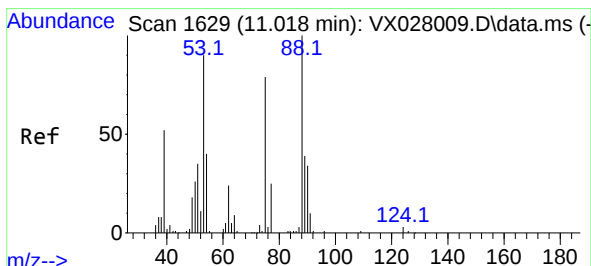
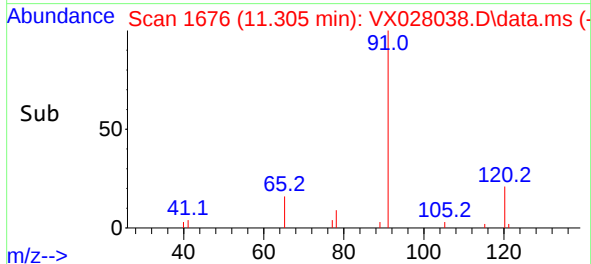
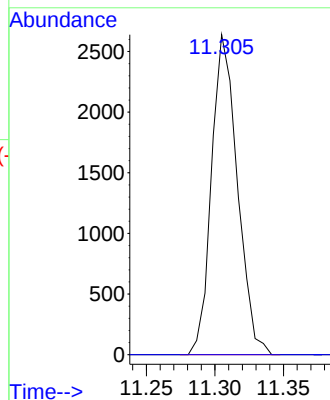
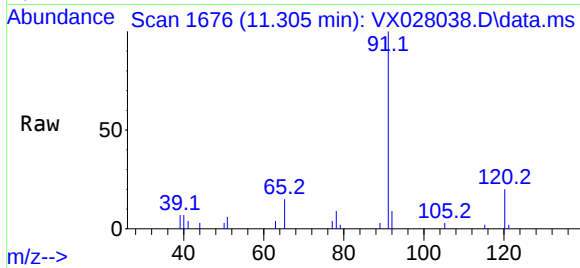




#79
2-Chlorotoluene
Concen: 1.087 ug/l
RT: 11.305 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

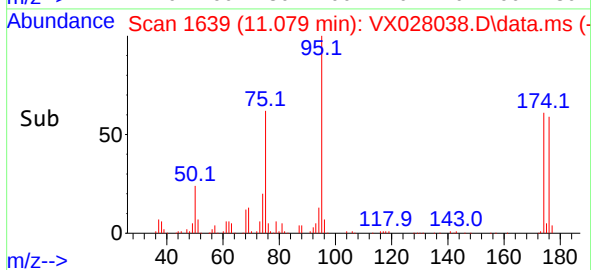
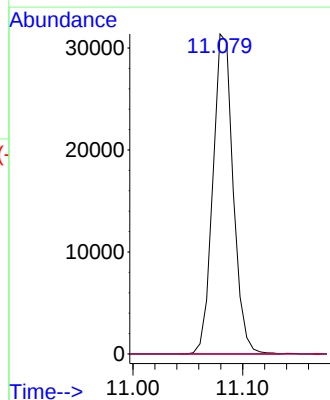
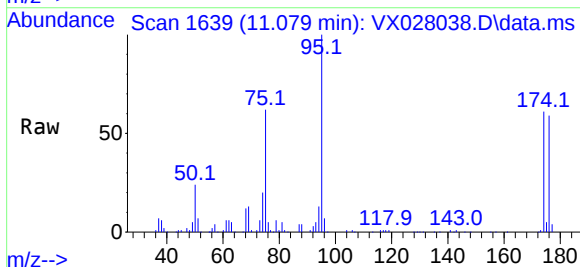
Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

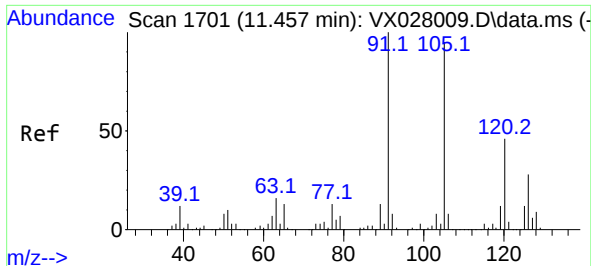
Tgt Ion: 91 Resp: 3470
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 75 Resp: 40322
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

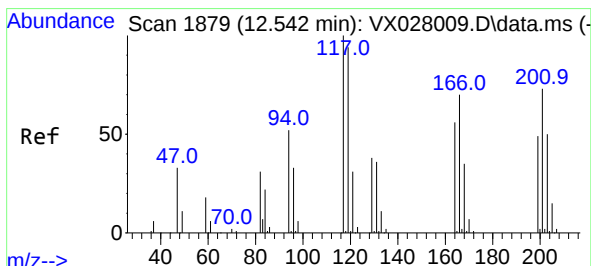
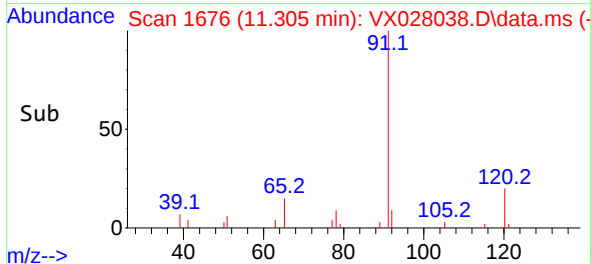
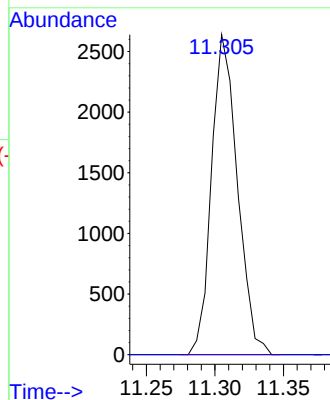
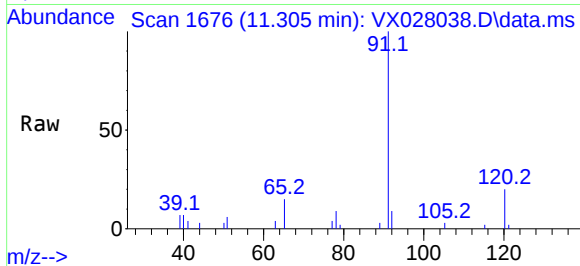




#82
4-Chlorotoluene
Concen: 0.934 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.152 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-21RR

Tgt Ion: 91 Resp: 3470
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#90
Hexachloroethane
Concen: 0.285 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX028038.D
Acq: 08 Apr 2022 19:27

Tgt Ion: 117 Resp: 158
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

