

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029245.D
 Acq On : 06 Jun 2022 17:54
 Operator : JC/MD
 Sample : N3160-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

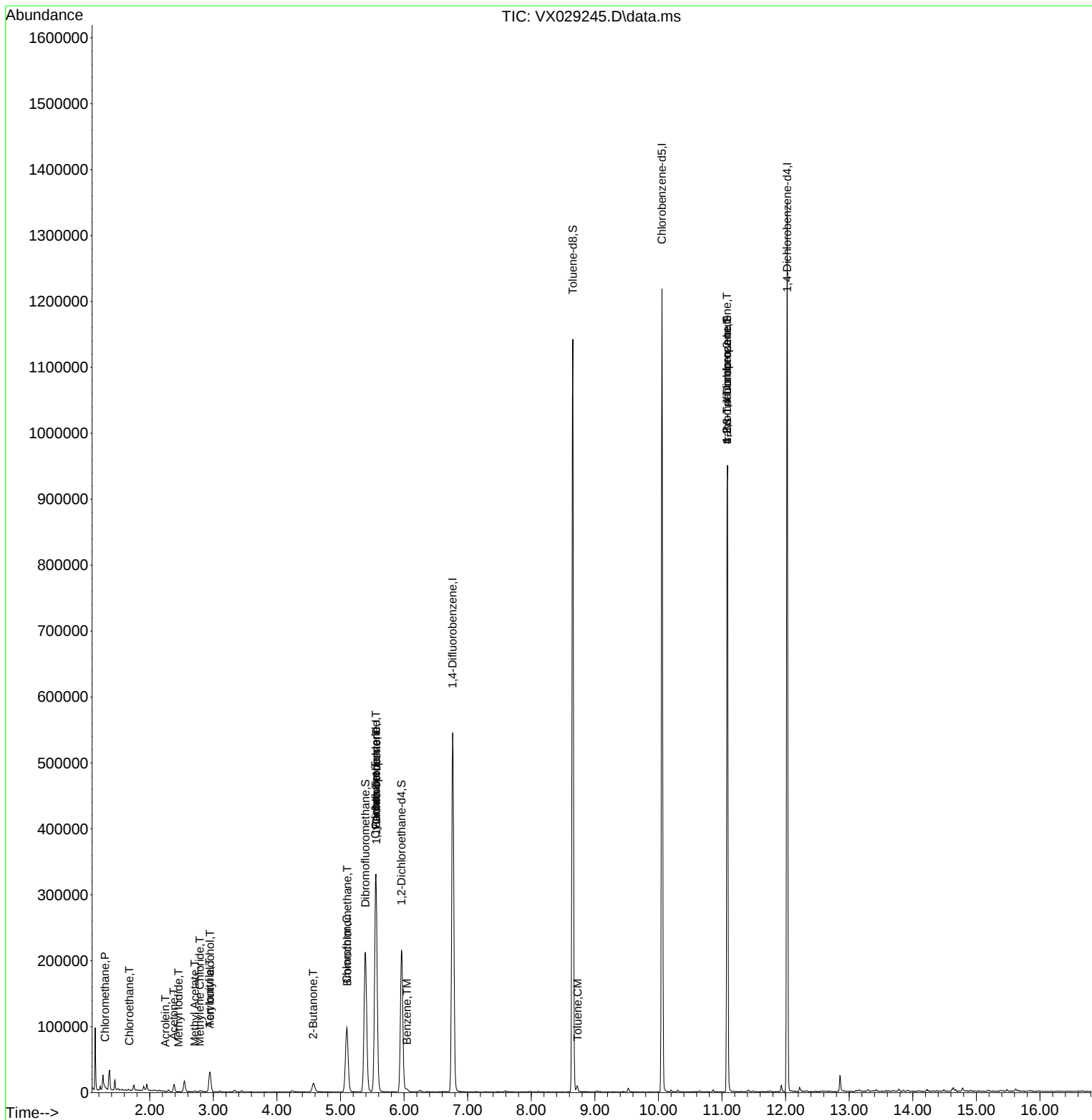
Quant Time: Jun 07 06:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

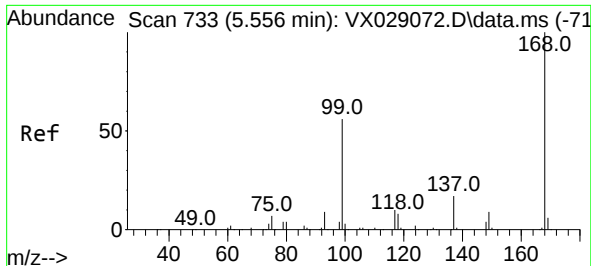
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	305878	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	573429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209481	60.733	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.460%	
35) Dibromofluoromethane	5.391	113	189526	49.759	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.520%	
50) Toluene-d8	8.653	98	678499	48.706	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	11.079	95	277523	51.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1035	0.372	ug/l	# 81
5) Bromomethane	1.618	94	658	Below Cal	#	65
6) Chloroethane	1.679	64	444	1.566	ug/l	# 43
10) Methyl Iodide	2.453	142	261	4.296	ug/l	# 70
11) Tert butyl alcohol	2.947	59	18342	22.955	ug/l	# 74
13) Acrolein	2.246	56	260	0.718	ug/l	# 64
15) Acrylonitrile	2.941	53	335	0.204	ug/l	# 18
16) Acetone	2.380	43	12277	9.039	ug/l	91
18) Methyl Acetate	2.709	43	1325	0.377	ug/l	# 71
20) Methylene Chloride	2.788	84	834	0.263	ug/l	# 86
25) 2-Butanone	4.568	43	4884	2.229	ug/l	# 77
28) Bromochloromethane	5.105	49	8356	4.053	ug/l	# 7
30) Chloroform	5.099	83	122948	21.645	ug/l	98
31) Cyclohexane	5.550	56	6297	1.404	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	23936	4.884	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	32658	5.831	ug/l	# 16
40) Benzene	6.044	78	4514	0.311	ug/l	91
44) Trichloroethene	7.129	130	319	Below Cal		41
52) Toluene	8.726	92	3097	0.319	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	135378	25.123	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	135378	73.705	ug/l	# 15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

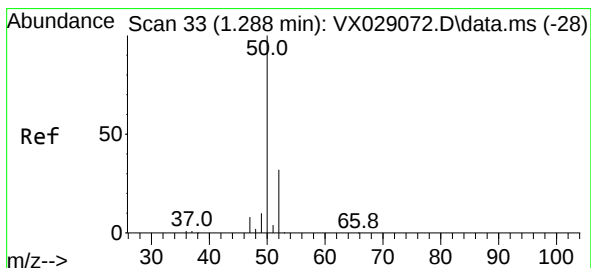
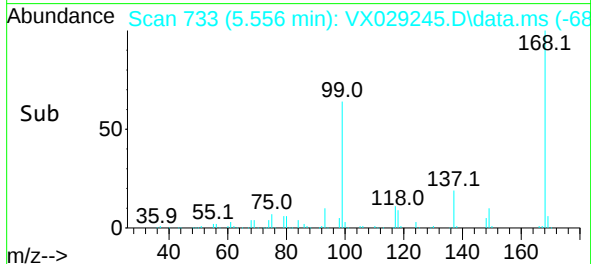
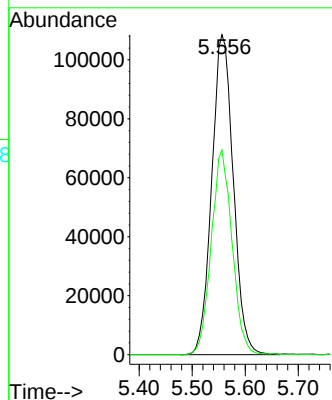
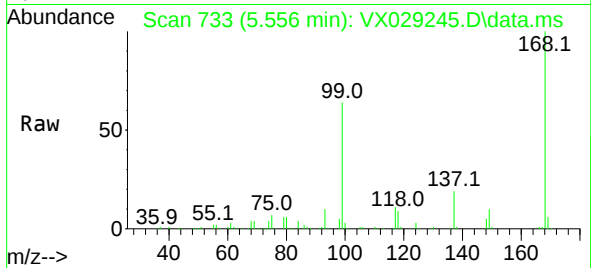




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

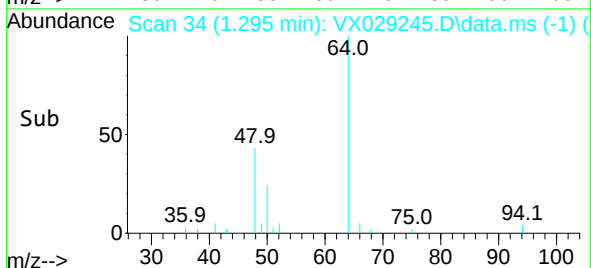
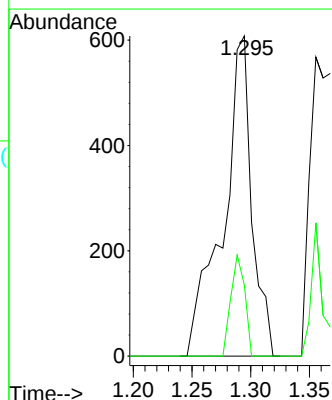
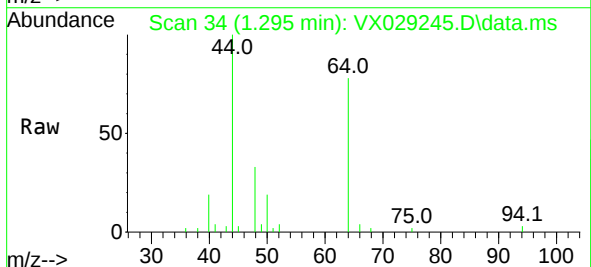
Instrument :
MSVOA_X
ClientSampleId :
MW-6

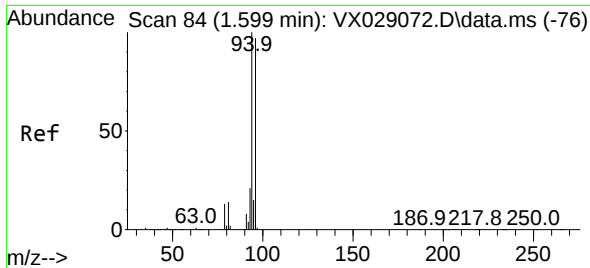
Tgt Ion:168 Resp: 305878
Ion Ratio Lower Upper
168 100
99 63.9 41.7 62.5#



#3
Chloromethane
Concen: 0.372 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 50 Resp: 1035
Ion Ratio Lower Upper
50 100
52 22.2 26.4 39.6#

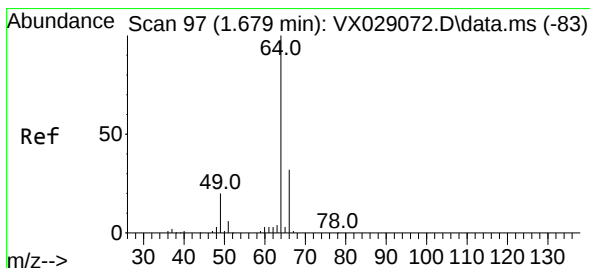
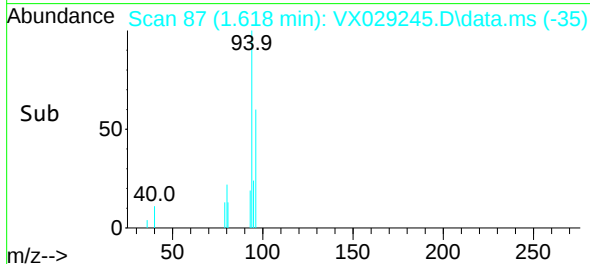
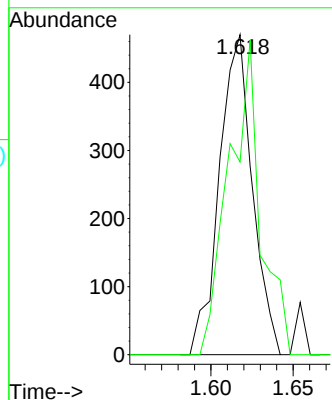
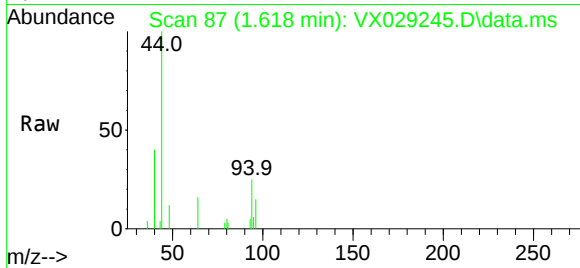




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

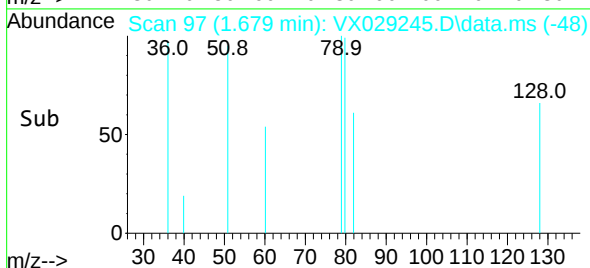
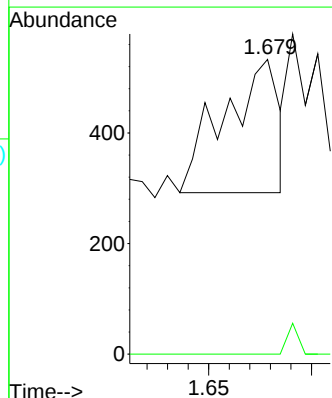
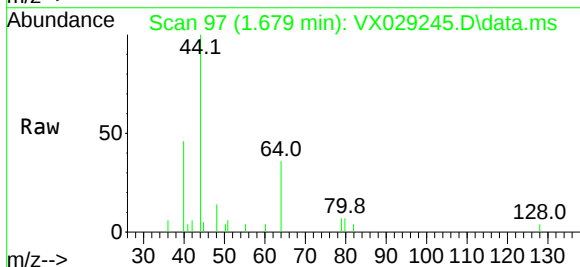
Instrument :
MSVOA_X
ClientSampleId :
MW-6

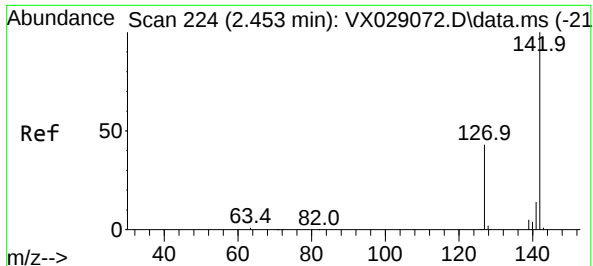
Tgt Ion: 94 Resp: 658
Ion Ratio Lower Upper
94 100
96 60.2 75.3 112.9#



#6
Chloroethane
Concen: 1.566 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 64 Resp: 444
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

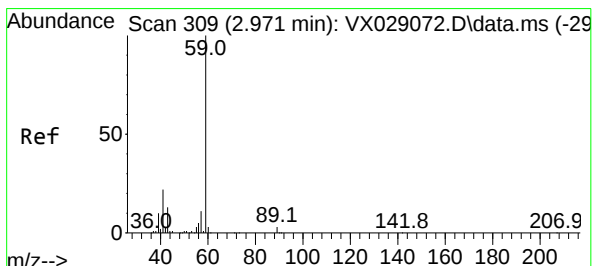
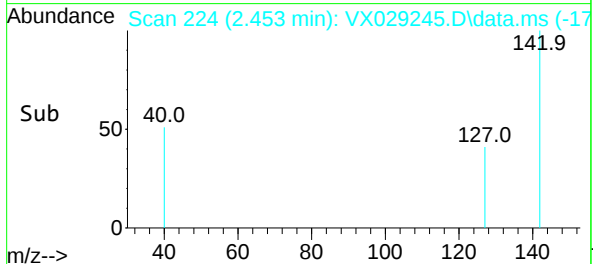
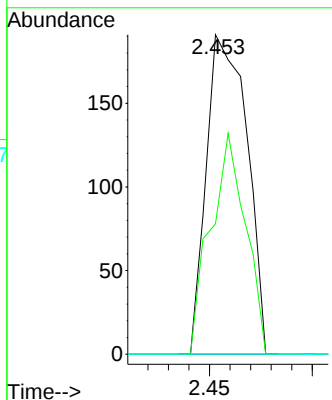
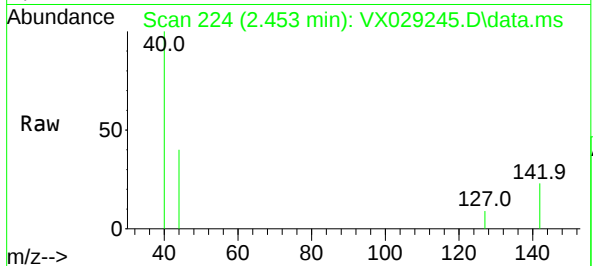




#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

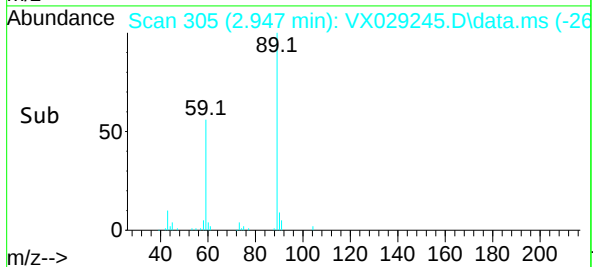
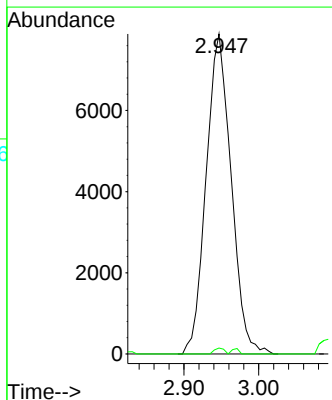
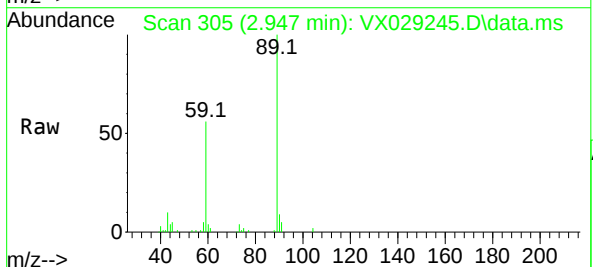
Instrument :
MSVOA_X
ClientSampleId :
MW-6

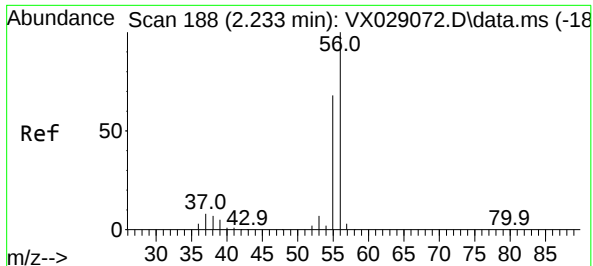
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
127 60.2 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 22.955 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 59 Resp: 18342
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

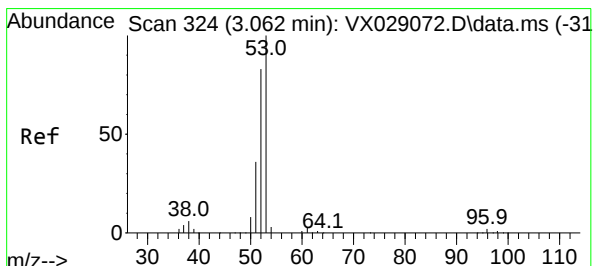
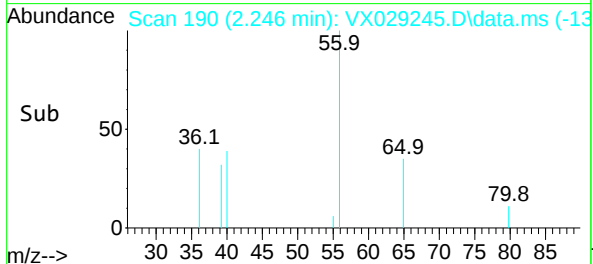
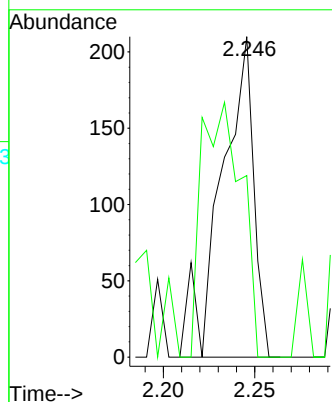
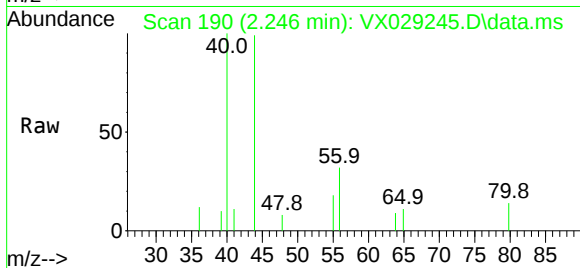




#13
Acrolein
Concen: 0.718 ug/l
RT: 2.246 min Scan# 13
Delta R.T. 0.013 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

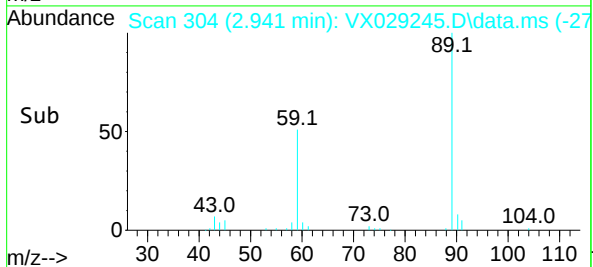
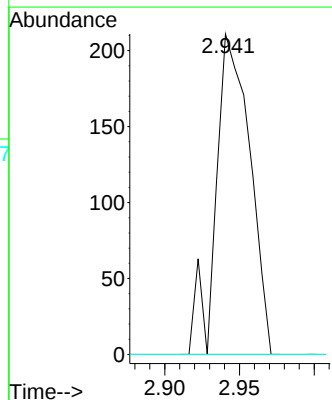
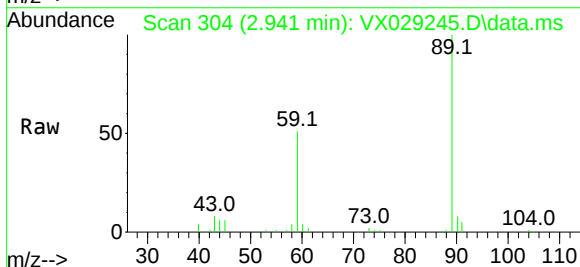
Instrument :
MSVOA_X
ClientSampleId :
MW-6

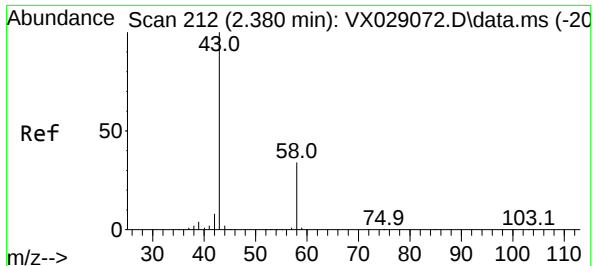
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 98.1 55.0 82.6#



#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.121 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 53 Resp: 335
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#

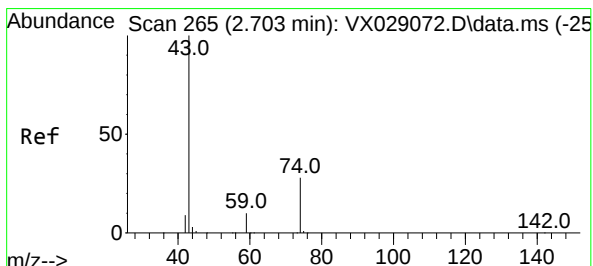
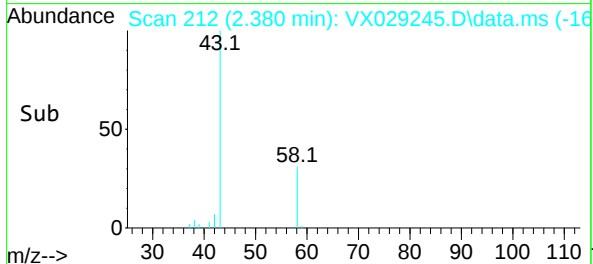
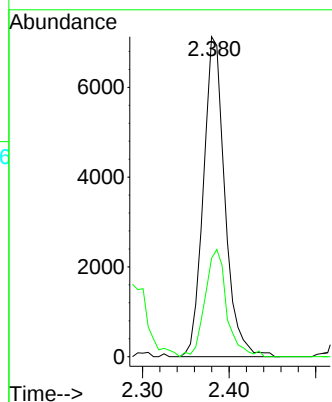
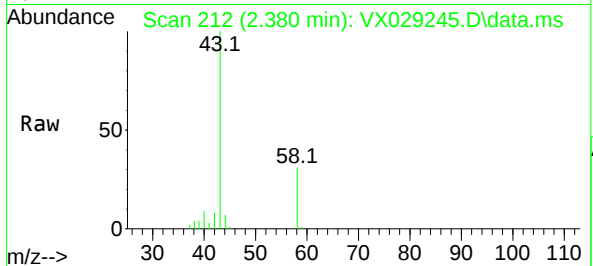




#16
Acetone
Concen: 9.039 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

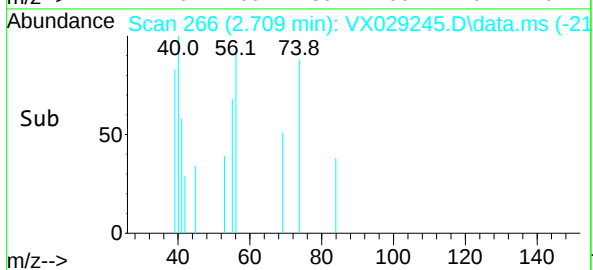
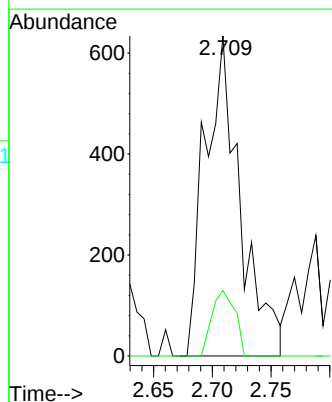
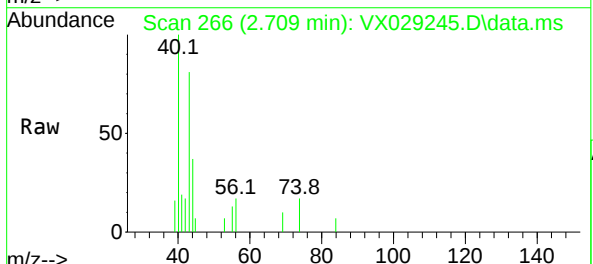
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MSVOA_X
ClientSampleId :
MW-6

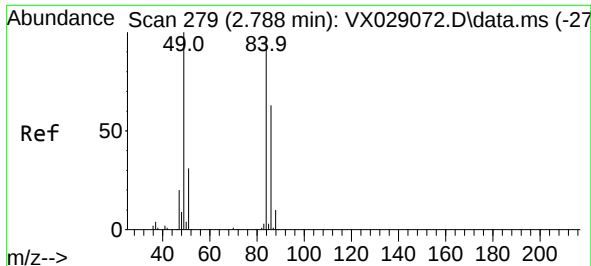
Tgt Ion: 43 Resp: 12277
Ion Ratio Lower Upper
43 100
58 30.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
74 13.4 22.8 34.2#

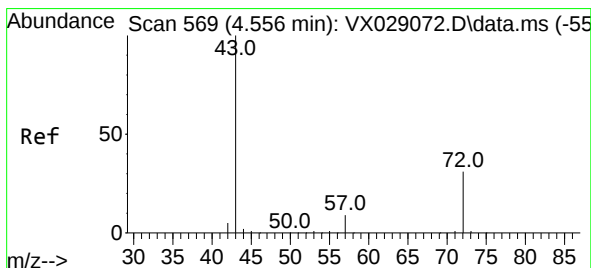
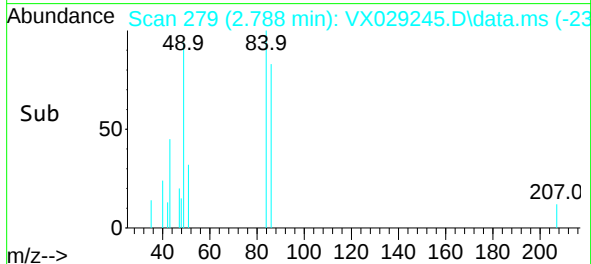
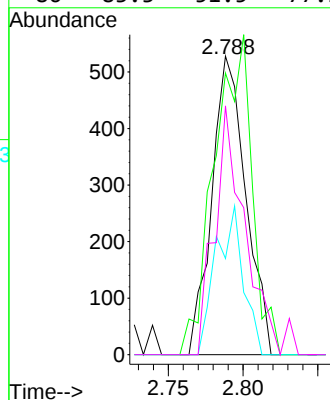
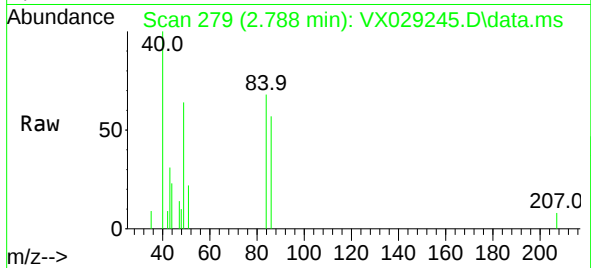




#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

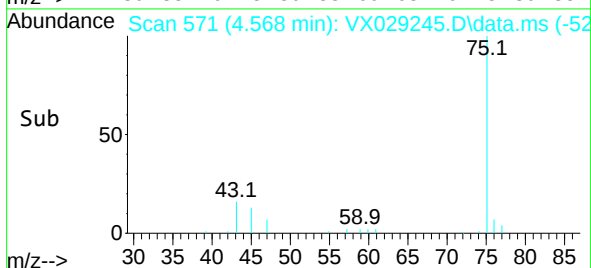
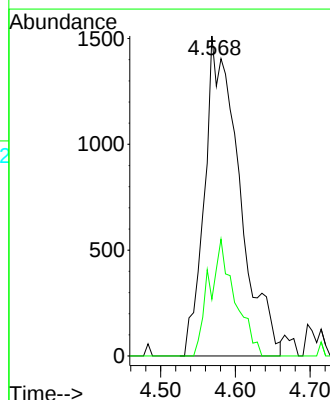
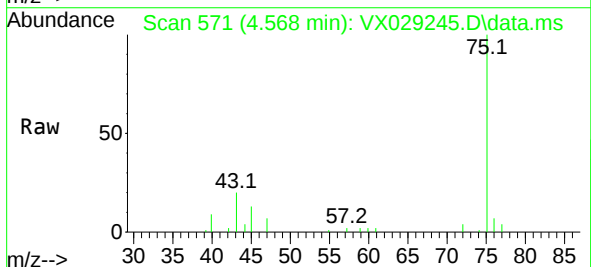
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ClientSampleId :
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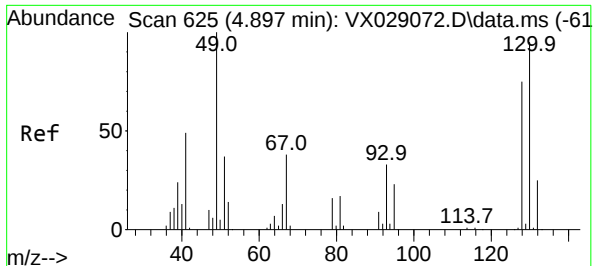
Tgt Ion:	84	Resp:	834
Ion	Ratio	Lower	Upper
84	100		
49	94.3	85.5	128.3
51	32.2	26.6	39.8
86	83.3	51.5	77.3



#25
2-Butanone
Concen: 2.229 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion:	43	Resp:	4884
Ion	Ratio	Lower	Upper
43	100		
72	17.7	24.4	36.6

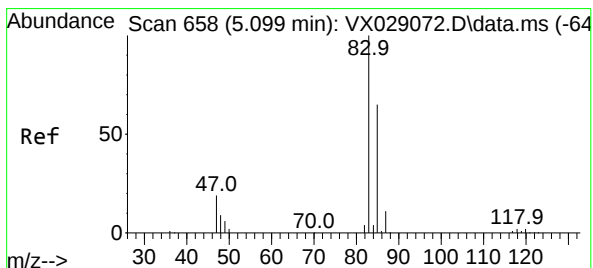
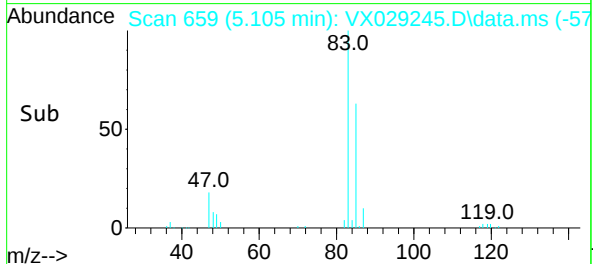
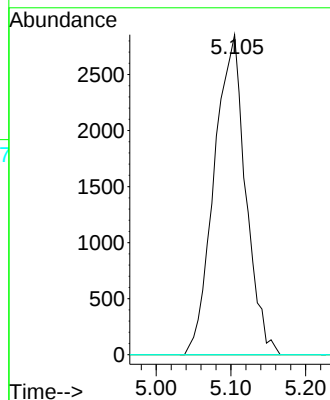
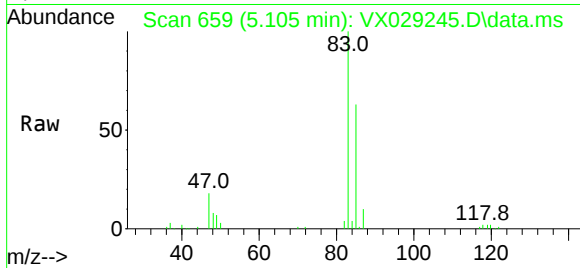




#28
Bromochloromethane
Concen: 4.053 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.208 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

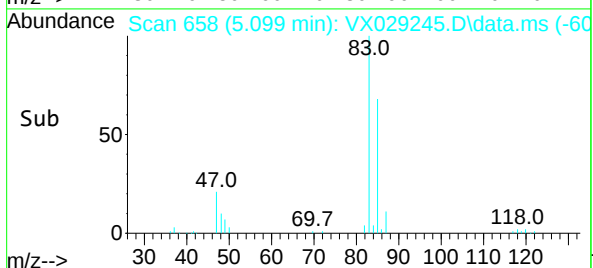
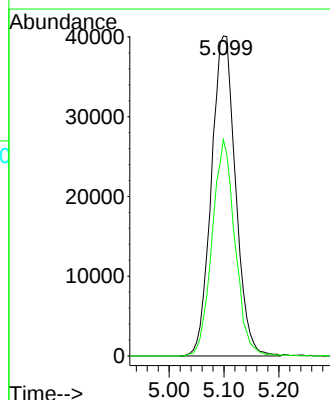
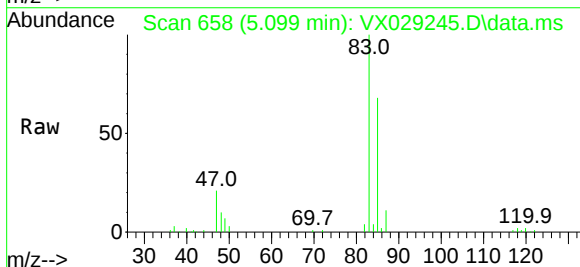
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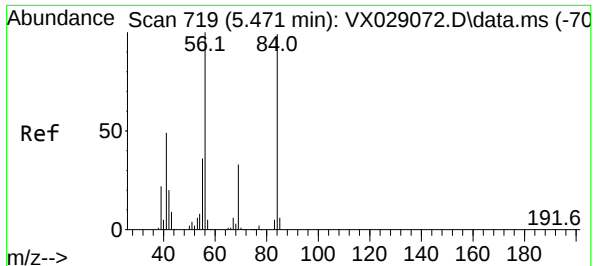
Tgt Ion: 49 Resp: 8356
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 21.645 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 83 Resp: 122948
Ion Ratio Lower Upper
83 100
85 67.6 52.7 79.1

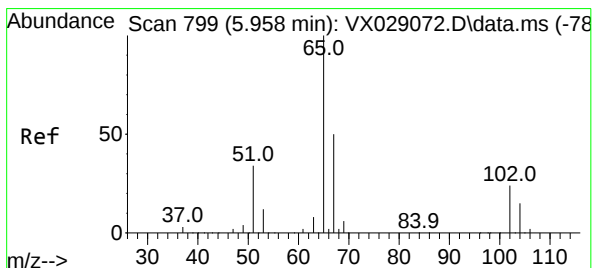
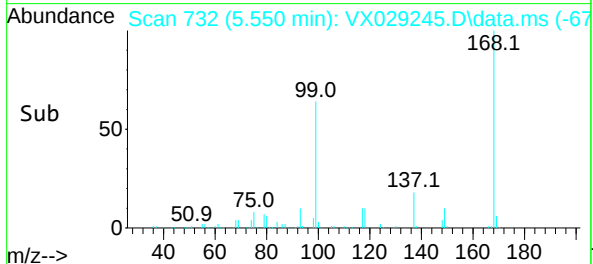
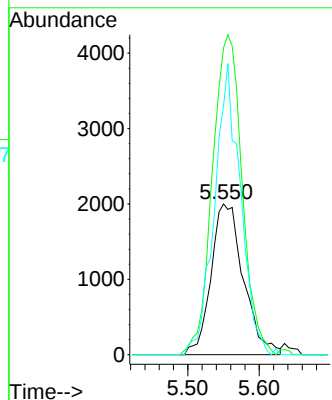
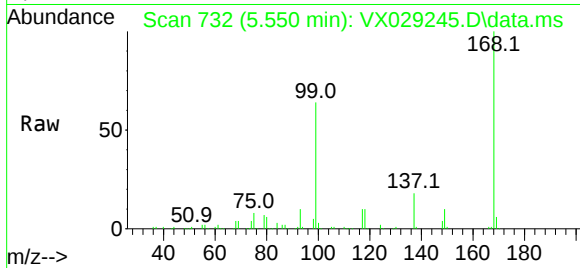




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

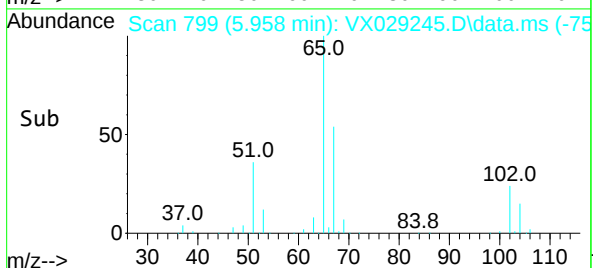
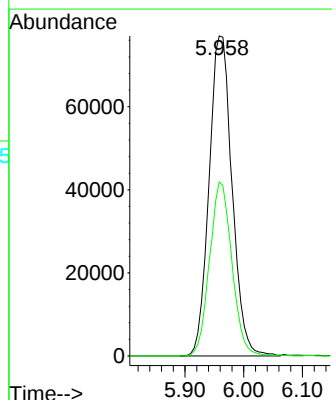
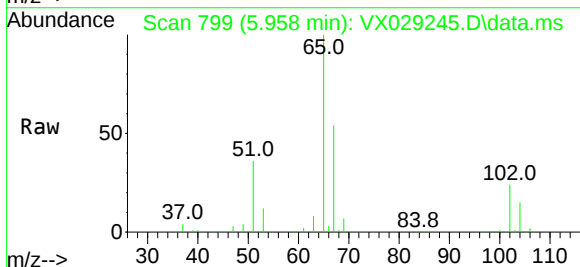
Instrument :
MSVOA_X
ClientSampleId :
MW-6

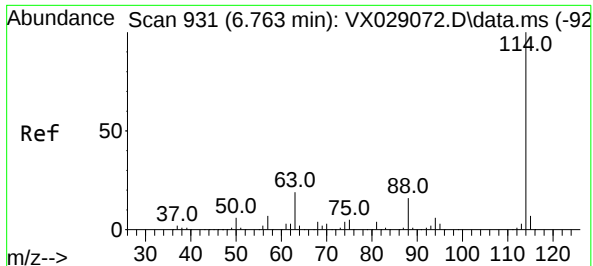
Tgt Ion: 56 Resp: 6297
Ion Ratio Lower Upper
56 100
69 203.7 26.7 40.1#
84 165.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 60.733 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 65 Resp: 209481
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

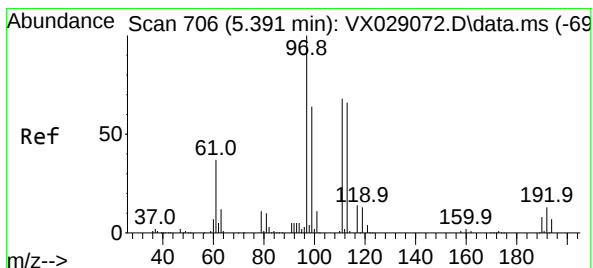
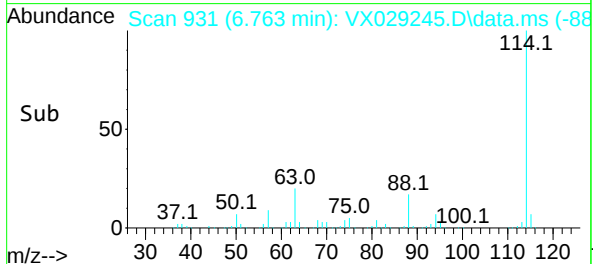
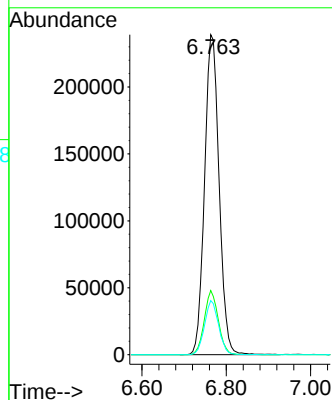
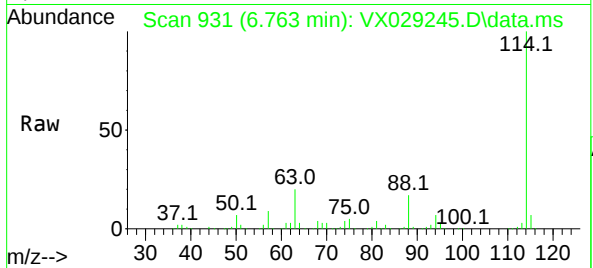




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

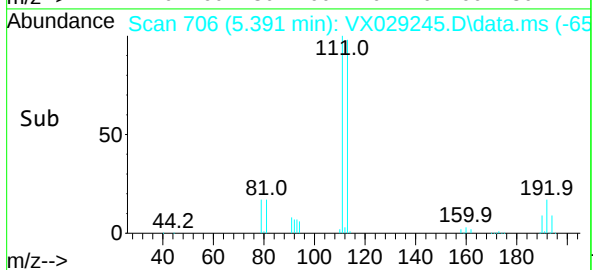
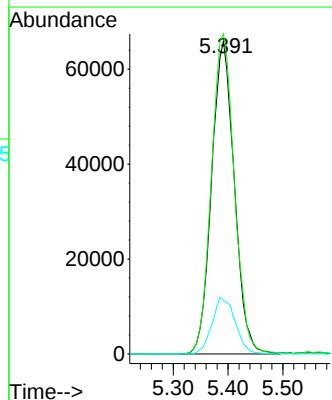
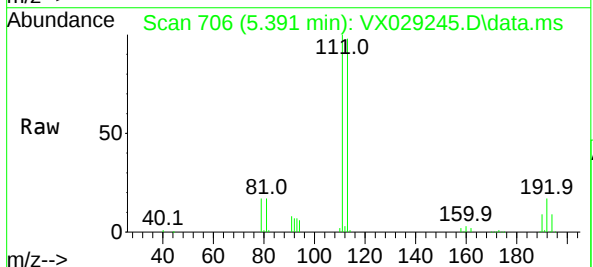
Instrument :
MSVOA_X
ClientSampleId :
MW-6

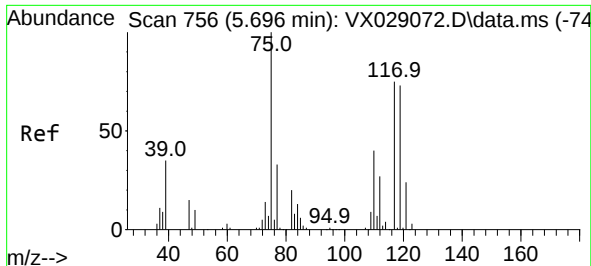
Tgt Ion:114 Resp: 573429
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.759 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion:113 Resp: 189526
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.5 16.9 25.3

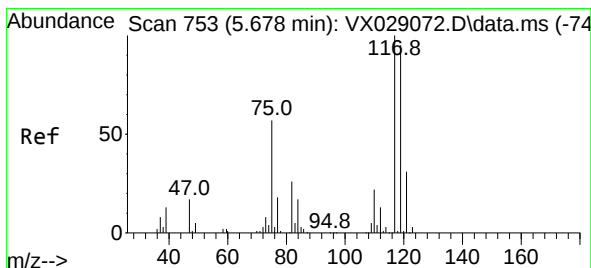
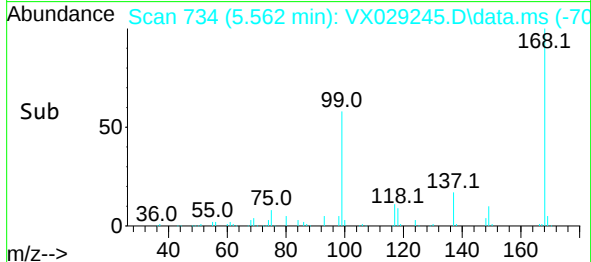
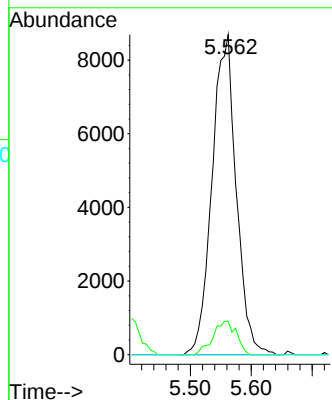
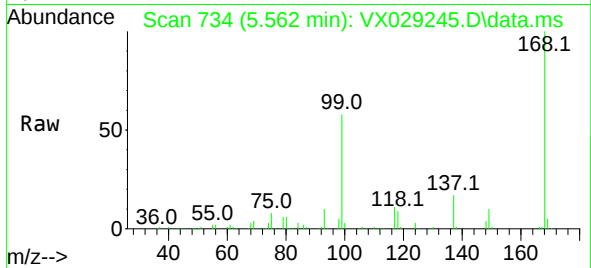




#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

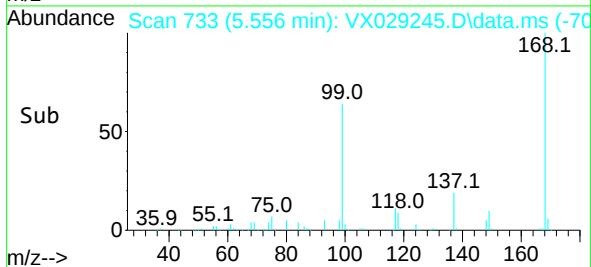
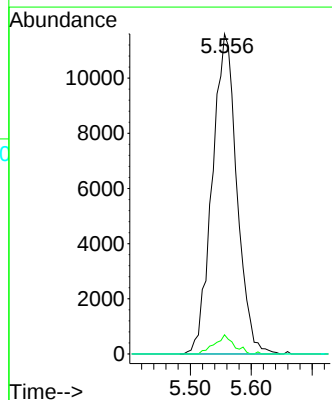
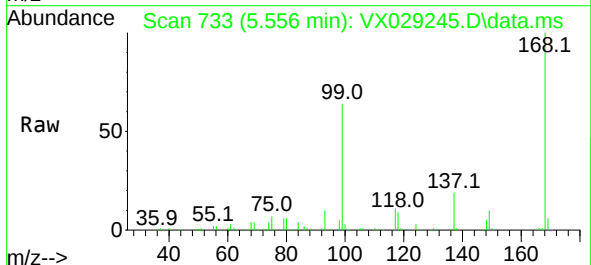
Instrument :
MSVOA_X
ClientSampleId :
MW-6

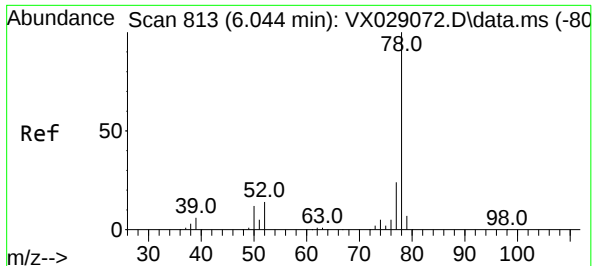
Tgt Ion: 75 Resp: 23936
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 117 Resp: 32658
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#





#40

Benzene

Concen: 0.311 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029245.D

Acq: 06 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

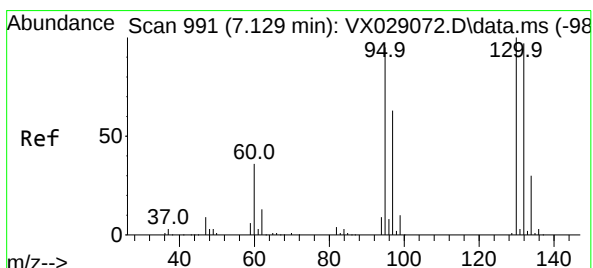
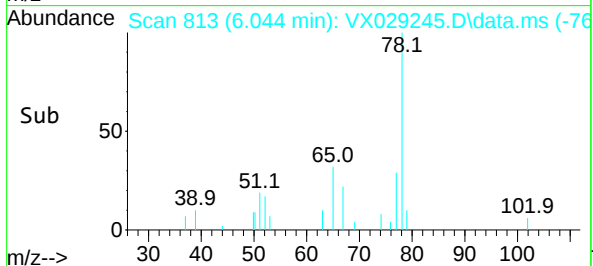
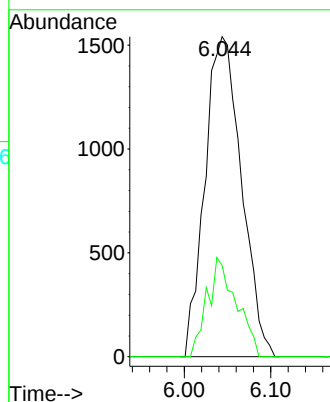
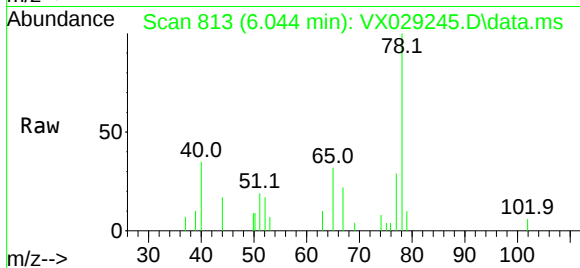
MW-6

Tgt Ion: 78 Resp: 4514

Ion Ratio Lower Upper

78 100

77 28.6 19.3 28.9



#44

Trichloroethene

Concen: Below Cal

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029245.D

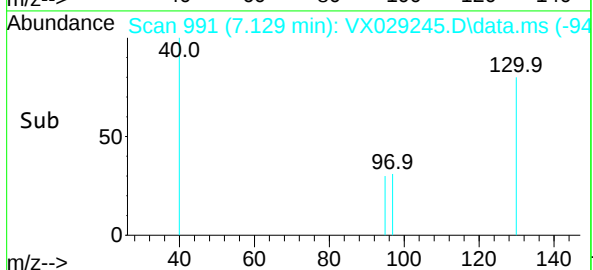
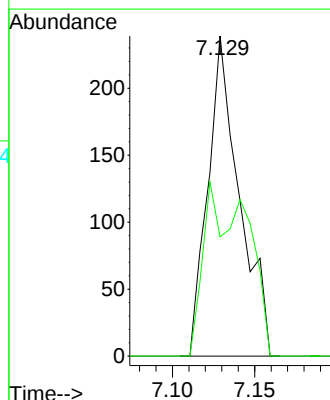
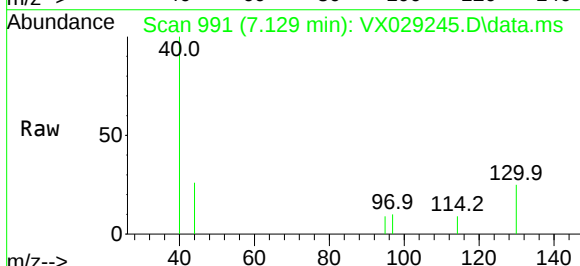
Acq: 06 Jun 2022 17:54

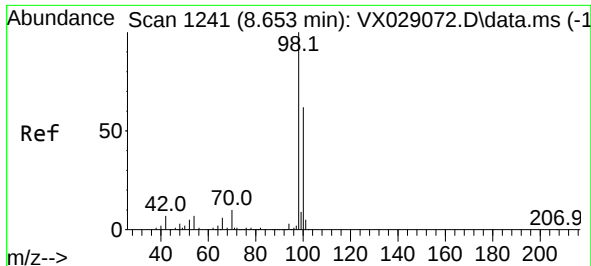
Tgt Ion:130 Resp: 319

Ion Ratio Lower Upper

130 100

95 37.2 0.0 188.8

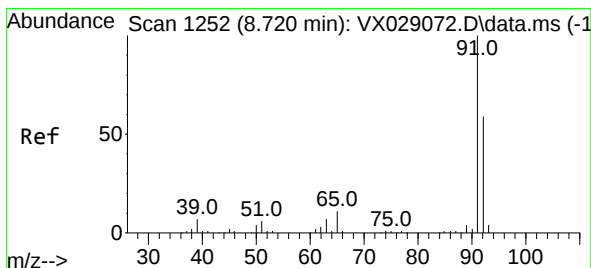
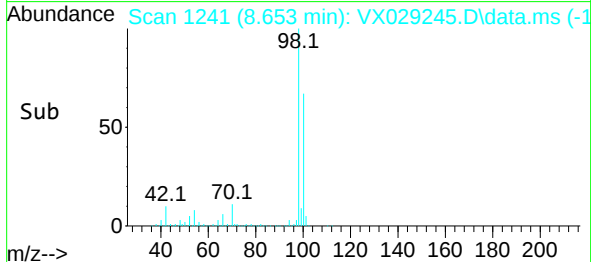
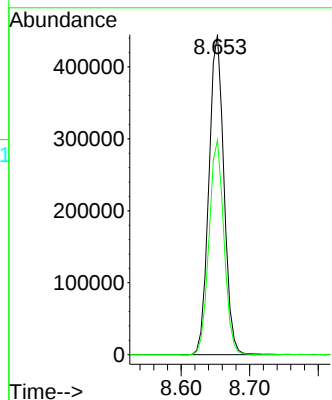
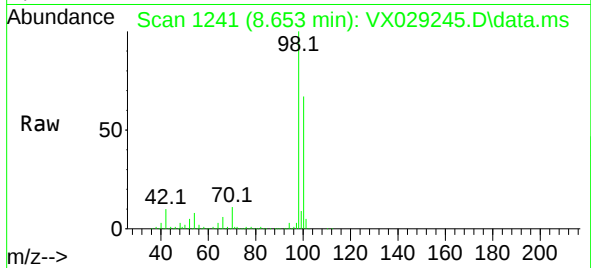




#50
Toluene-d8
Concen: 48.706 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

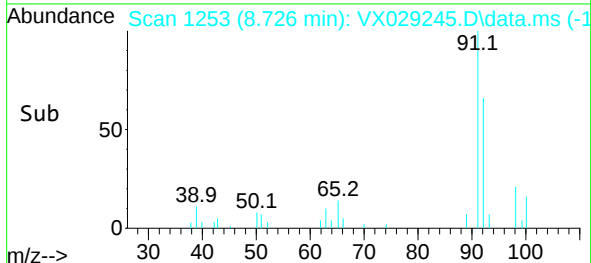
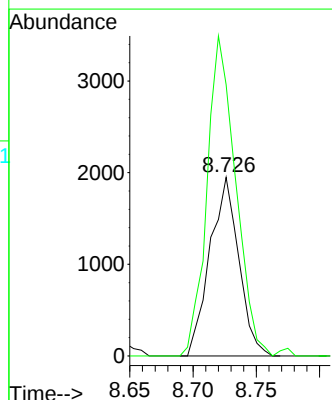
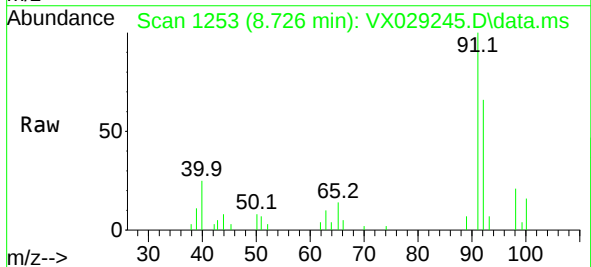
Instrument :
MSVOA_X
ClientSampleId :
MW-6

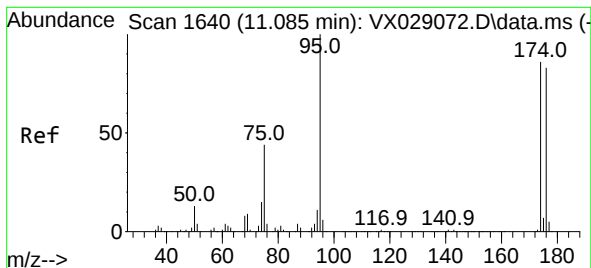
Tgt Ion: 98 Resp: 678499
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#52
Toluene
Concen: 0.319 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 92 Resp: 3097
Ion Ratio Lower Upper
92 100
91 177.9 137.5 206.3

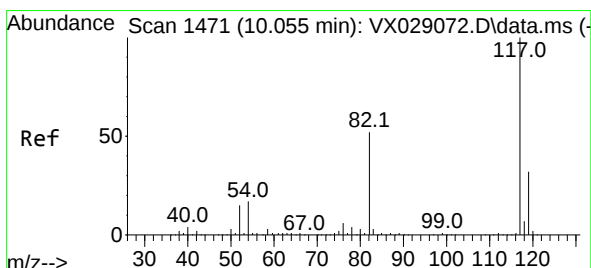
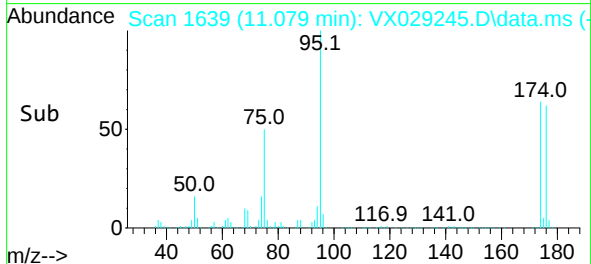
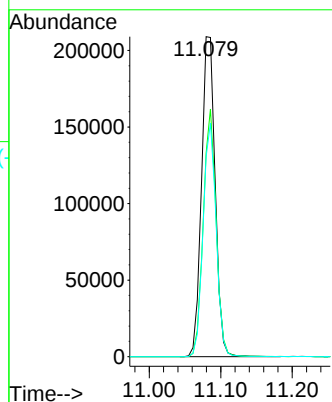
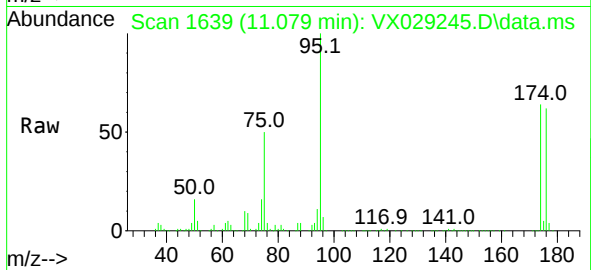




#62
4-Bromofluorobenzene
Concen: 51.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

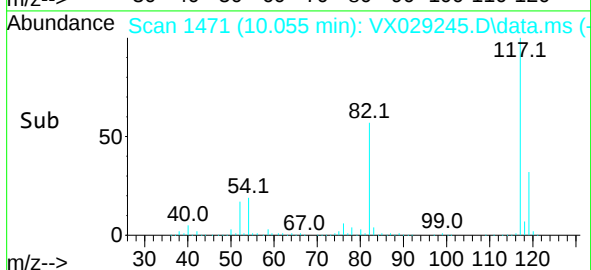
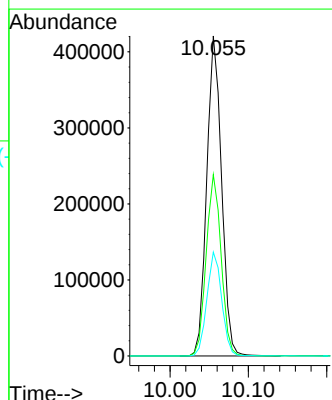
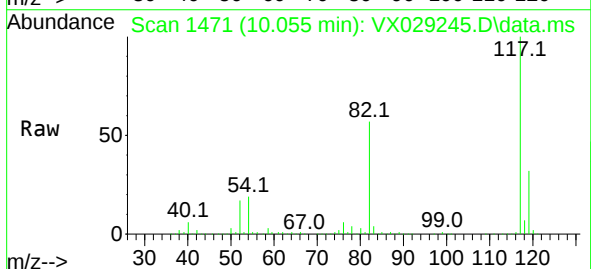
Instrument :
MSVOA_X
ClientSampleId :
MW-6

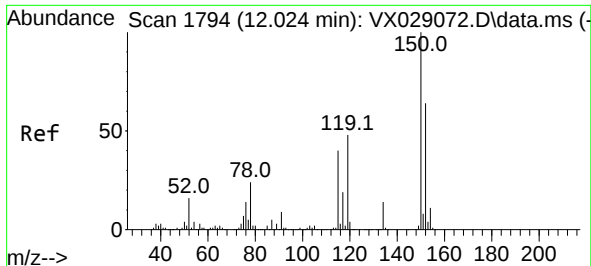
Tgt Ion: 95 Resp: 277523
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 69.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029245.D
Acq: 06 Jun 2022 17:54

Tgt Ion: 117 Resp: 552275
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.5 24.8 37.2

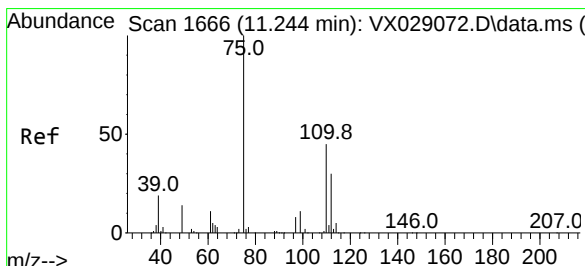
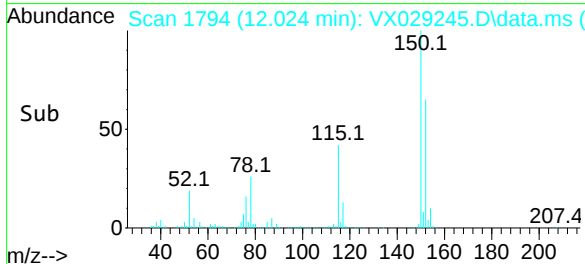
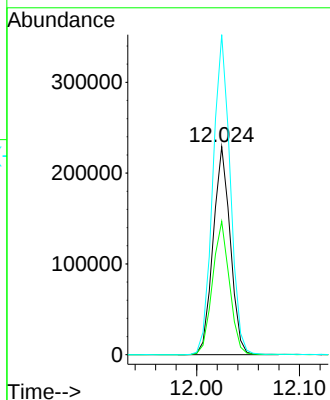
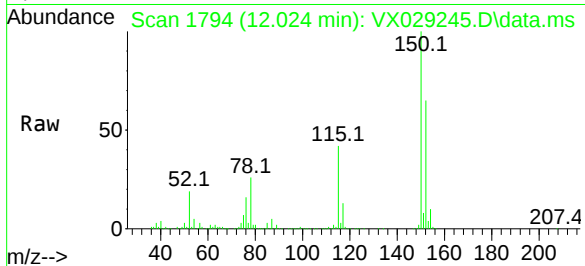




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029245.D
 Acq: 06 Jun 2022 17:54

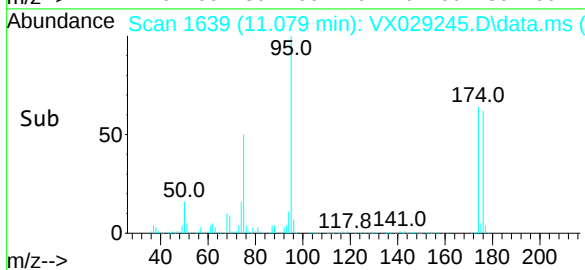
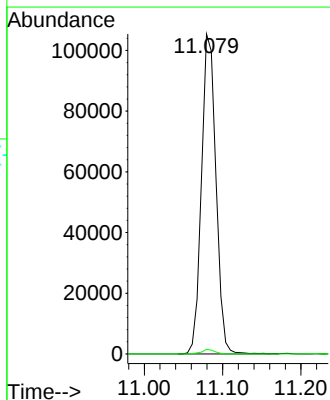
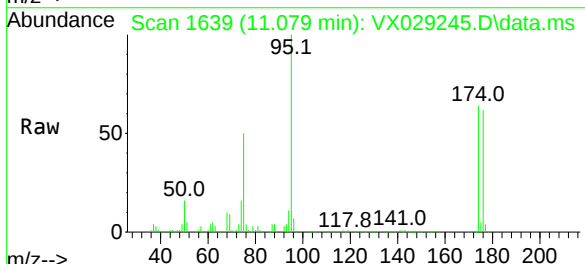
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

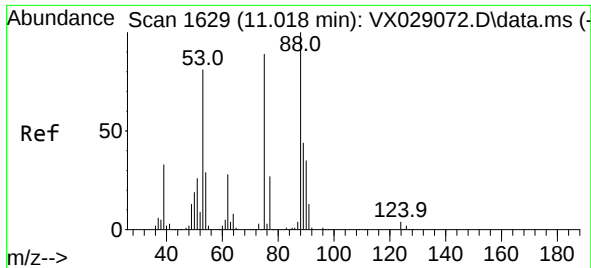
Tgt Ion:152 Resp: 265823
 Ion Ratio Lower Upper
 152 100
 115 63.4 37.5 112.7
 150 155.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.123 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029245.D
 Acq: 06 Jun 2022 17:54

Tgt Ion: 75 Resp: 135378
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.705 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029245.D
 Acq: 06 Jun 2022 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion: 75 Resp: 135378
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

