

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028684.D
 Acq On : 13 May 2022 17:40
 Operator : JC/MD
 Sample : N2770-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-21518

Quant Time: May 16 02:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

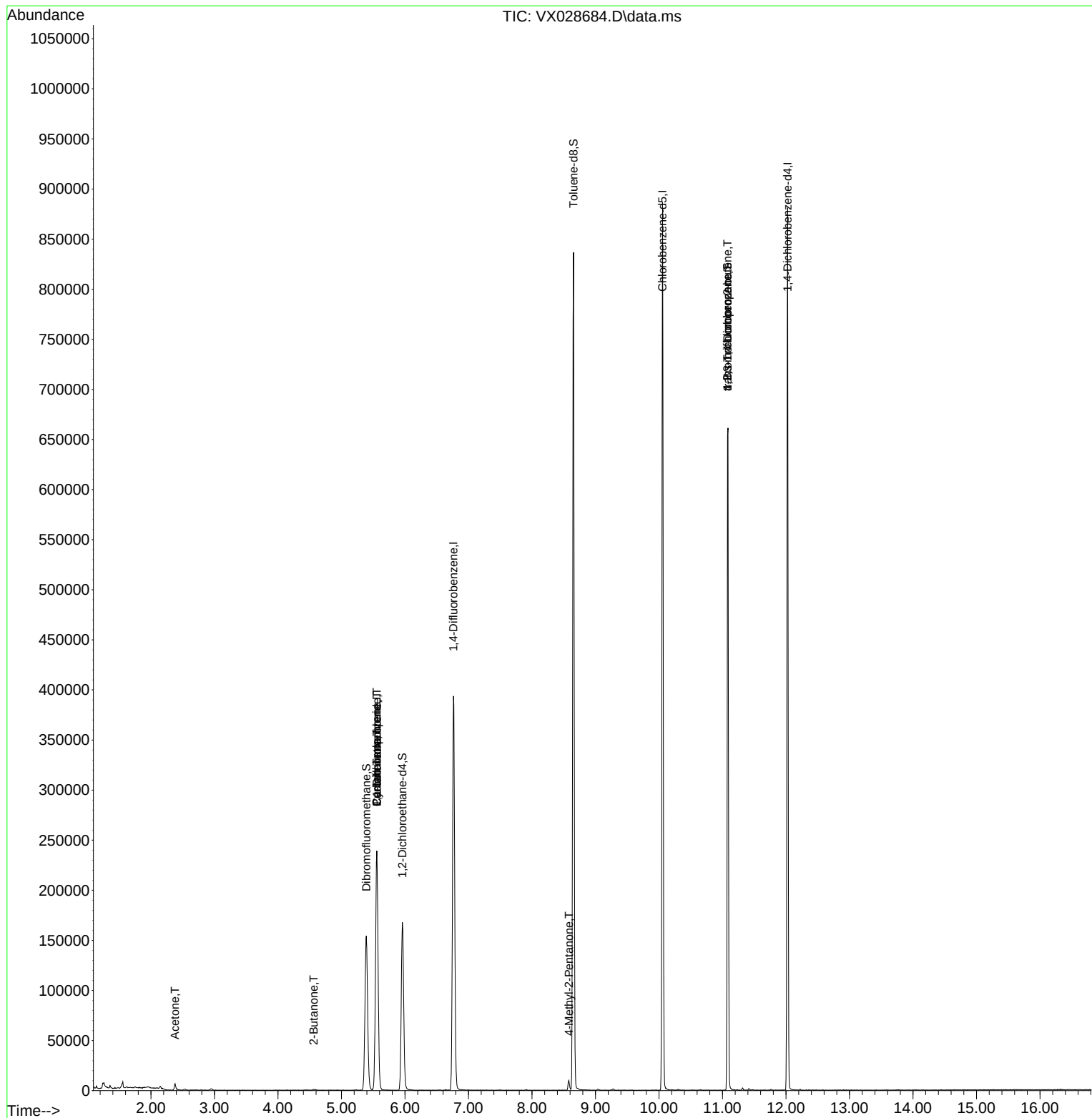
Internal Standards						
1) Pentafluorobenzene	5.556	168	211838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	400291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159300	54.859	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.720%			
35) Dibromofluoromethane	5.391	113	132446	50.501	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.000%			
50) Toluene-d8	8.653	98	486585	49.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	175820	47.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	607	Below Cal		94
6) Chloroethane	1.685	64	172	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1077	Below Cal	#	72
16) Acetone	2.380	43	6791	5.449	ug/l	88
25) 2-Butanone	4.562	43	411	0.210	ug/l	97
31) Cyclohexane	5.556	56	5384	1.336	ug/l	# 31
36) 1,1-Dichloropropene	5.556	75	18536	4.706	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	23406	5.904	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	6246	1.473	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	96925	24.632	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	96925	71.665	ug/l	# 15

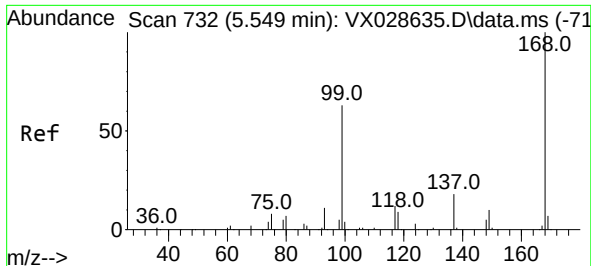
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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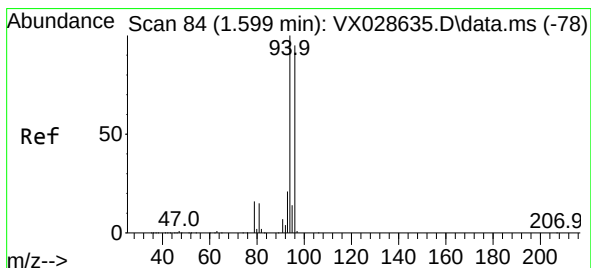
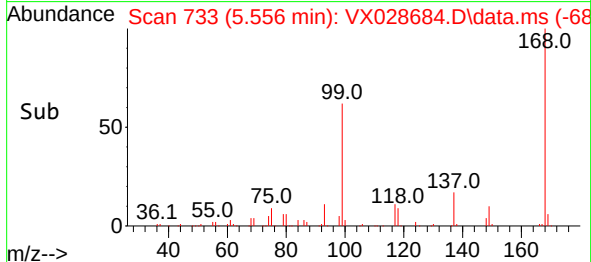
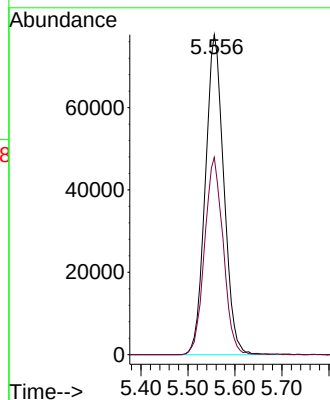
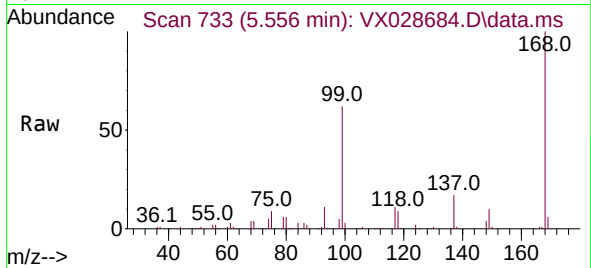




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

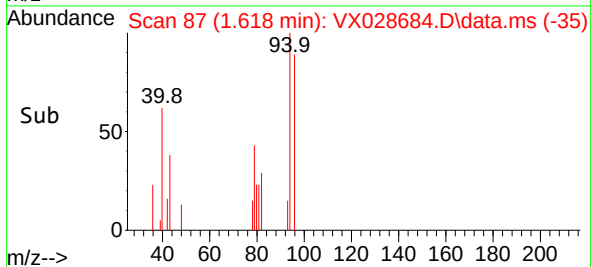
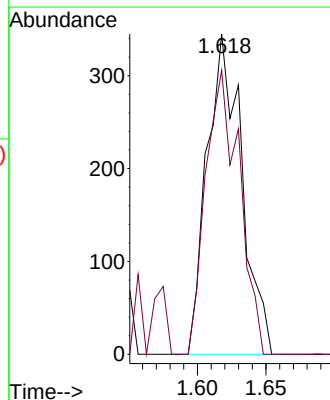
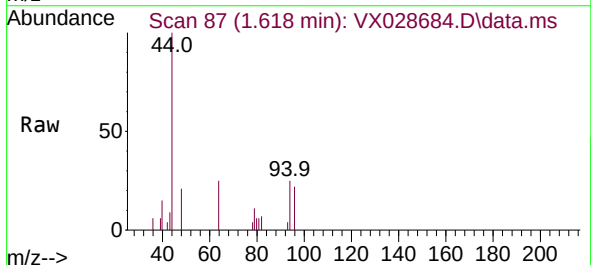
Instrument :
MSVOA_X
ClientSampleId :
M-21518

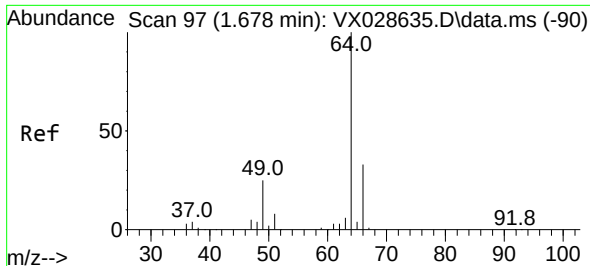
Tgt Ion:168 Resp: 211838
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 94 Resp: 607
Ion Ratio Lower Upper
94 100
96 88.7 75.3 112.9

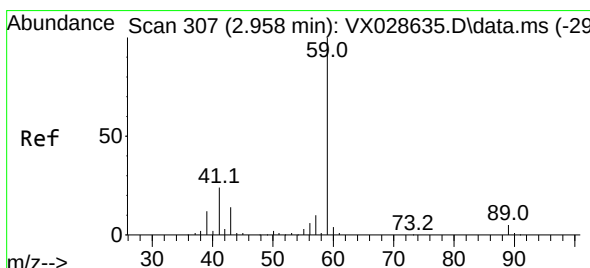
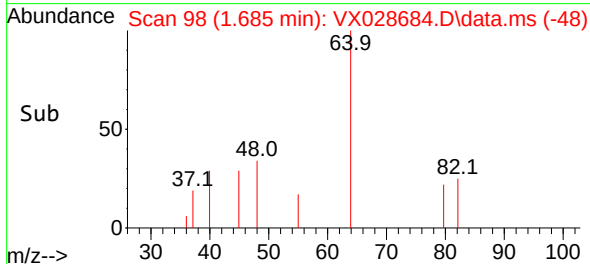
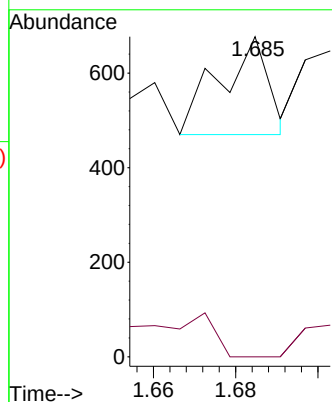
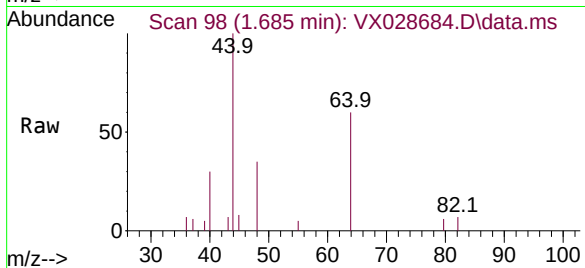




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

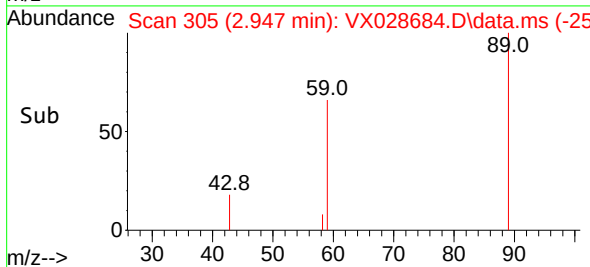
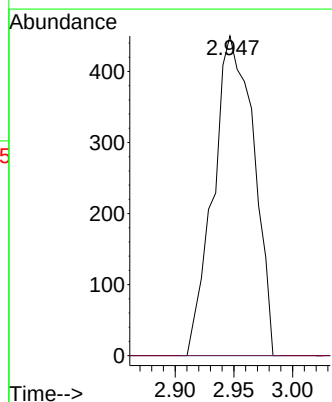
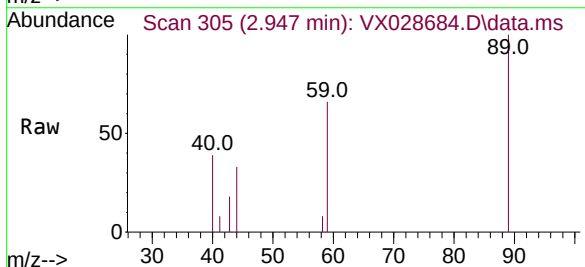
Instrument :
MSVOA_X
ClientSampleId :
M-21518

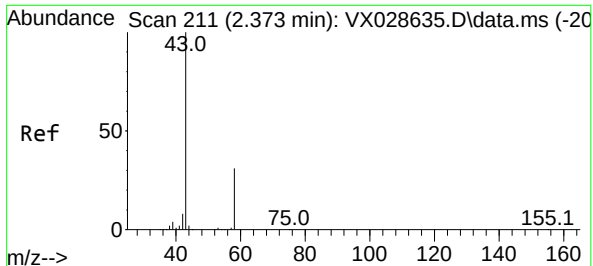
Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 59 Resp: 1077
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

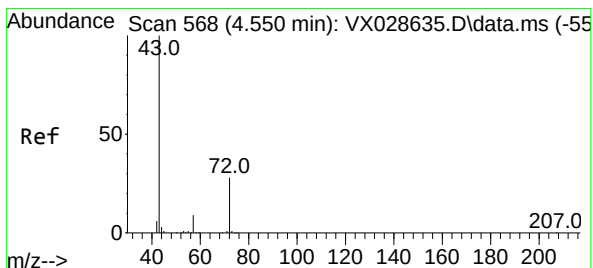
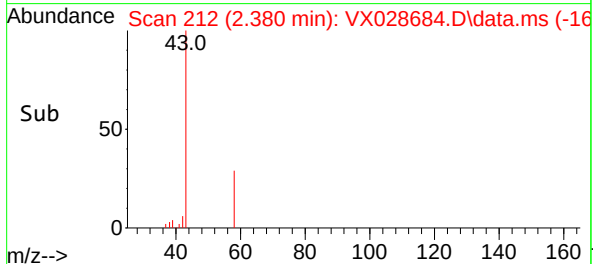
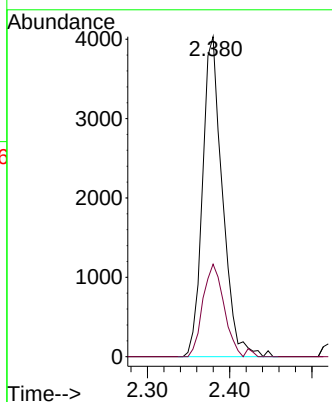
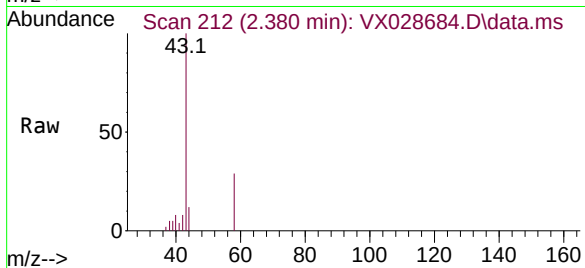




#16
Acetone
Concen: 5.449 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

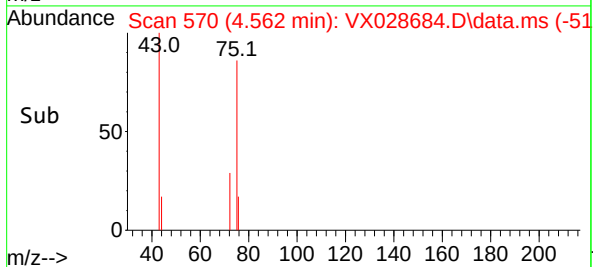
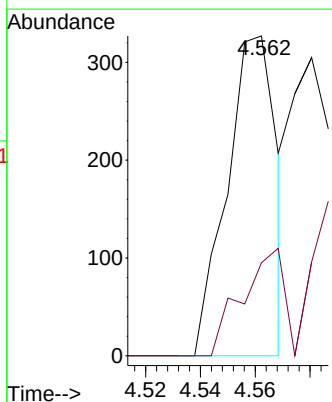
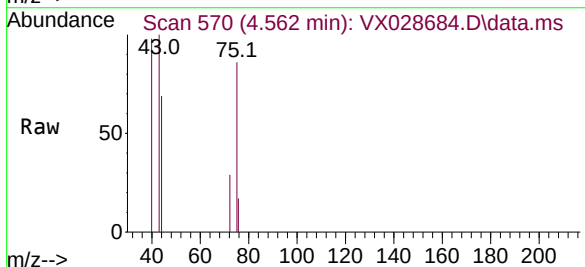
Instrument :
MSVOA_X
ClientSampleId :
M-21518

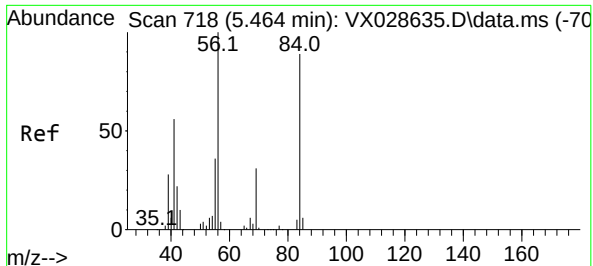
Tgt Ion: 43 Resp: 6791
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2



#25
2-Butanone
Concen: 0.210 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
72 29.1 24.4 36.6

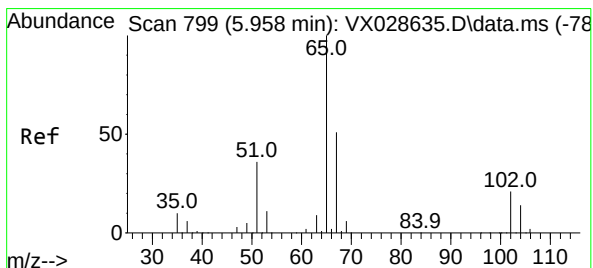
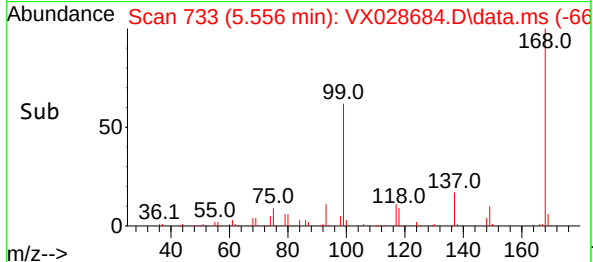
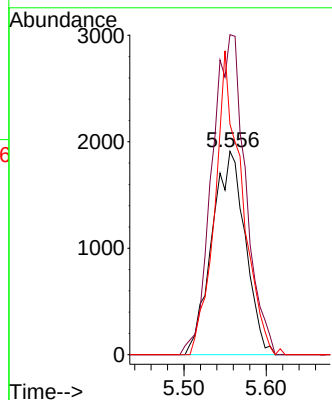
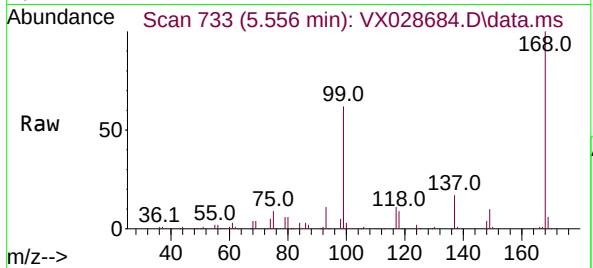




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

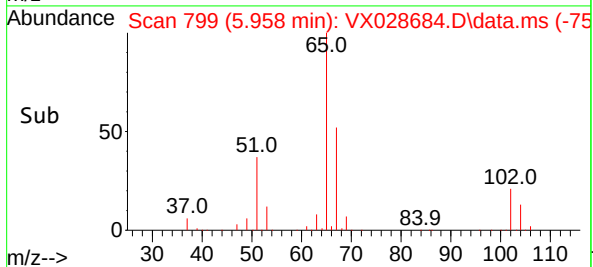
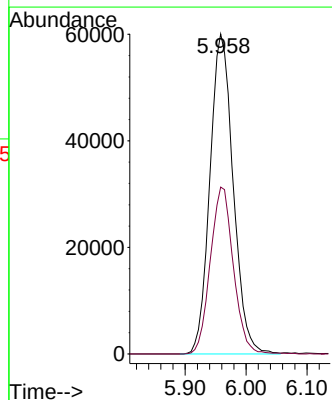
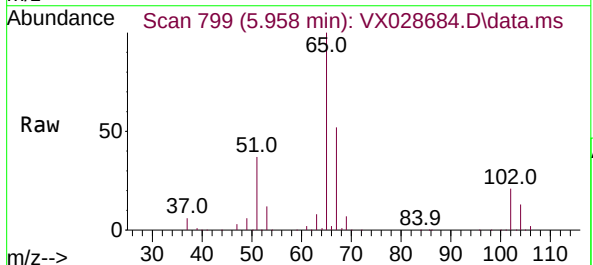
Instrument :
MSVOA_X
ClientSampleId :
M-21518

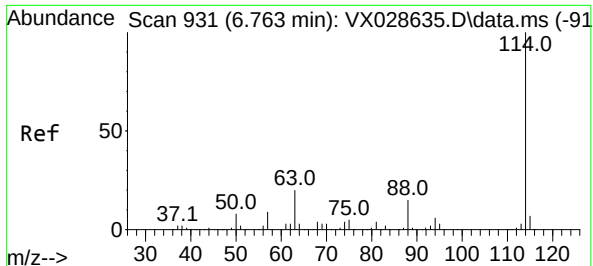
Tgt Ion: 56 Resp: 5384
Ion Ratio Lower Upper
56 100
69 157.4 26.7 40.1#
84 113.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 54.859 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 65 Resp: 159300
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

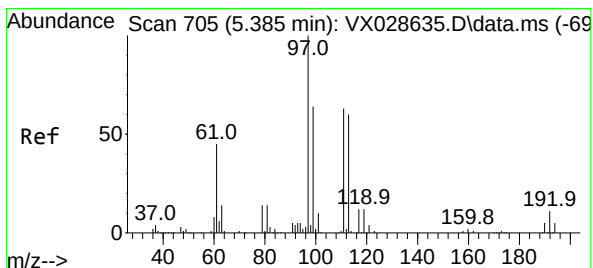
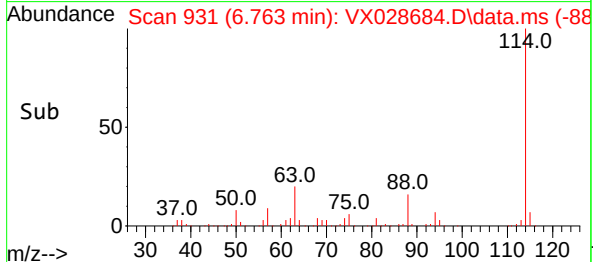
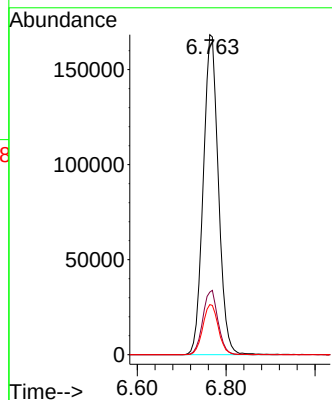
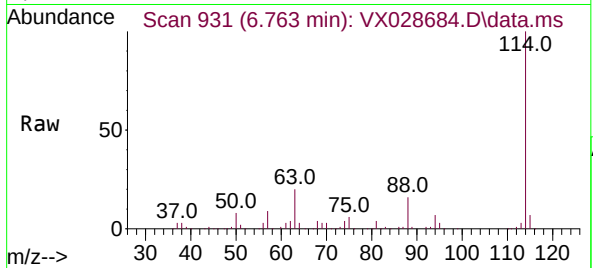




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

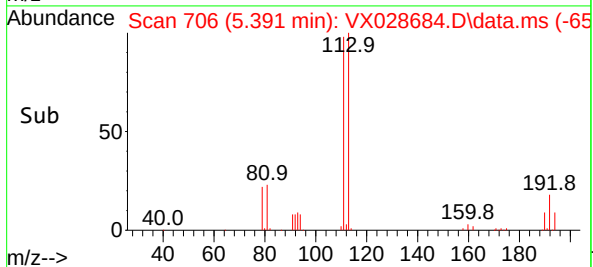
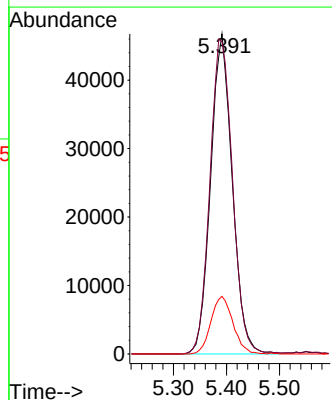
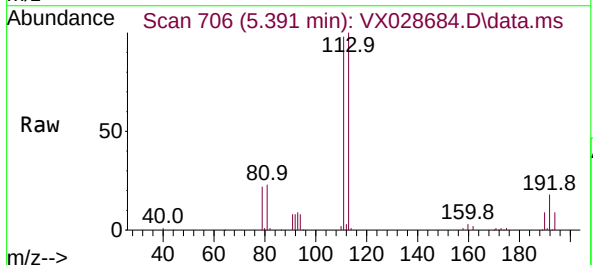
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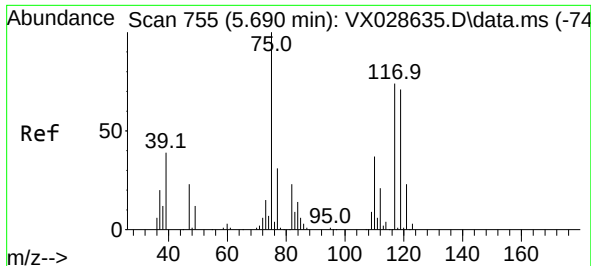
Tgt Ion:114 Resp: 400291
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.501 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion:113 Resp: 132446
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 18.3 16.9 25.3

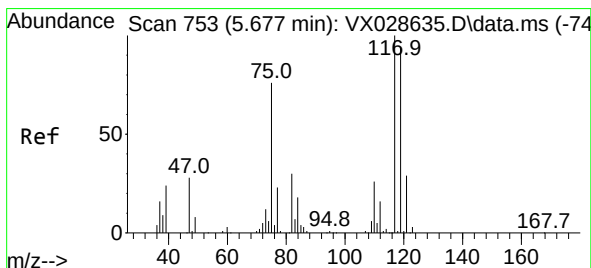
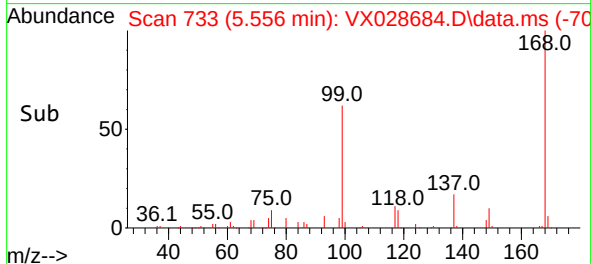
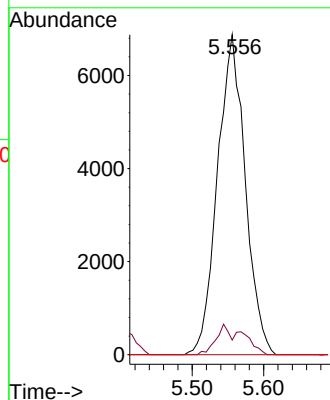
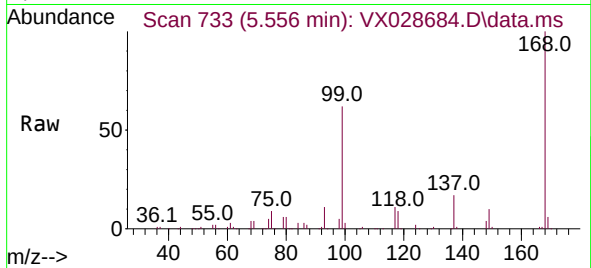




#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

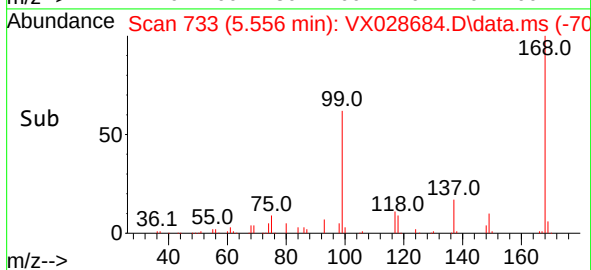
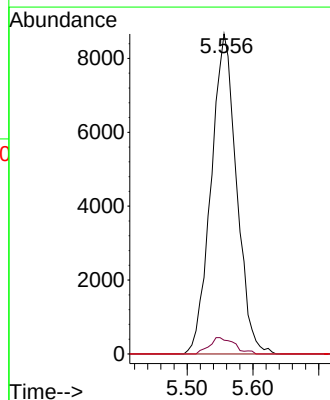
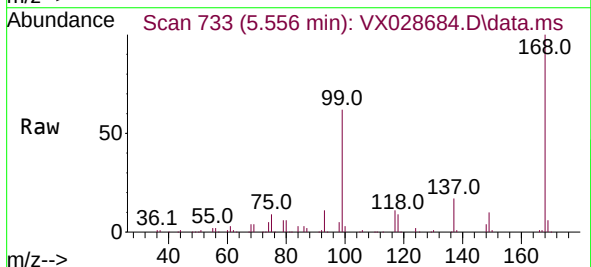
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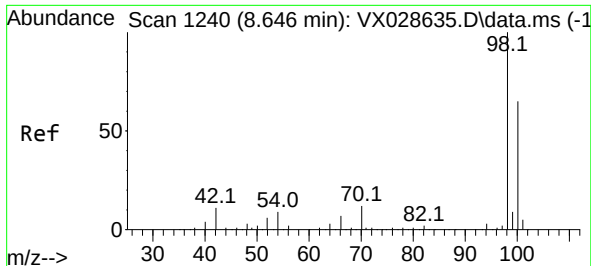
Tgt Ion: 75 Resp: 18536
Ion Ratio Lower Upper
75 100
110 4.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 117 Resp: 23406
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

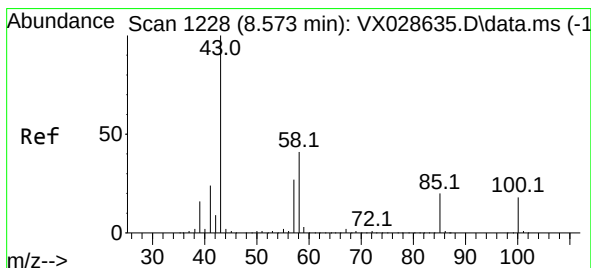
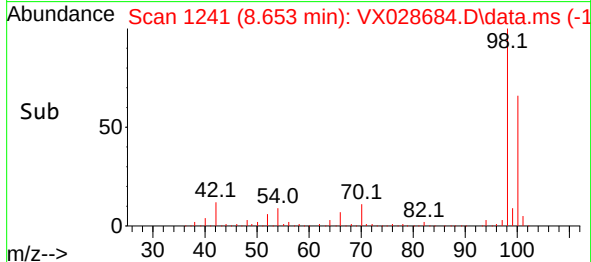
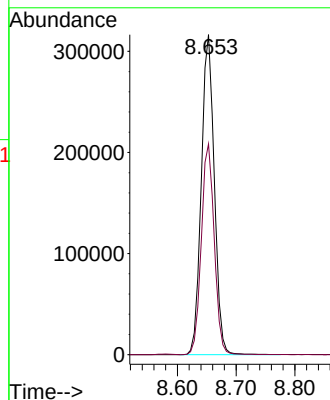
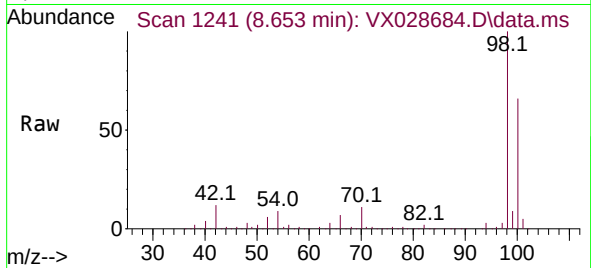




#50
Toluene-d8
Concen: 49.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

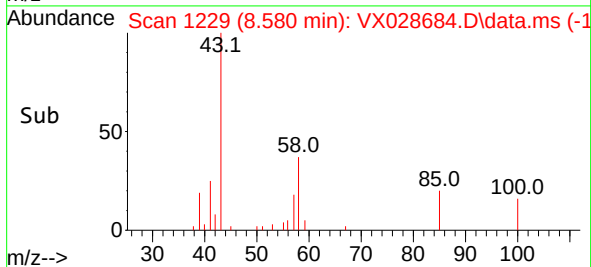
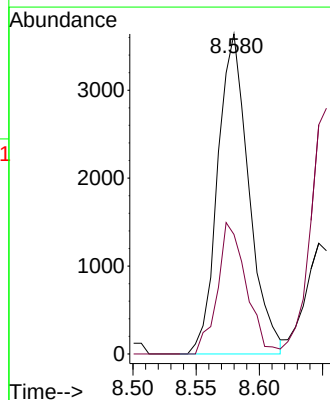
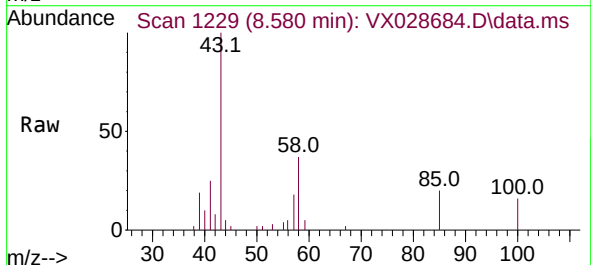
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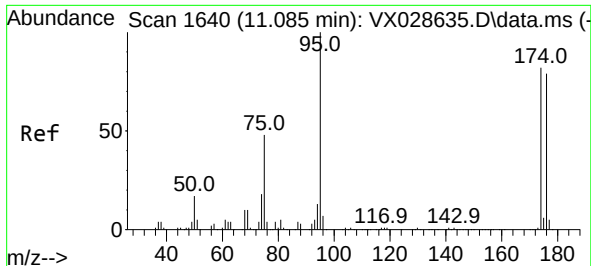
Tgt Ion: 98 Resp: 486585
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.473 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 43 Resp: 6246
Ion Ratio Lower Upper
43 100
58 37.9 36.1 54.1

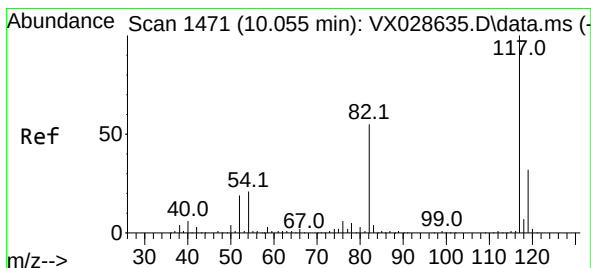
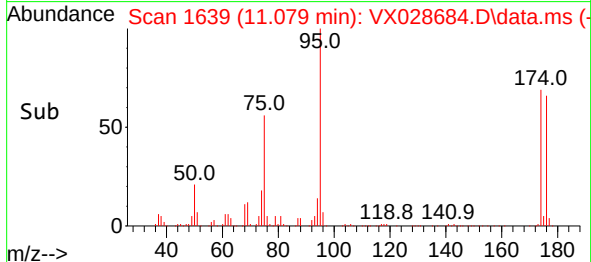
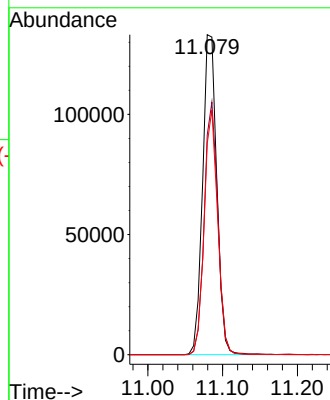
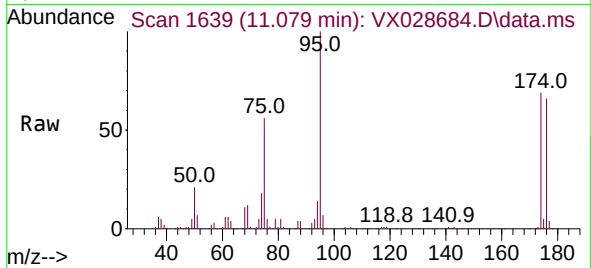




#62
4-Bromofluorobenzene
Concen: 47.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

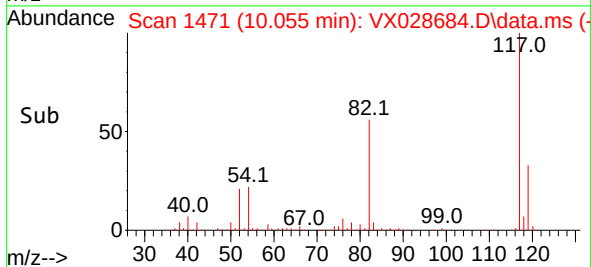
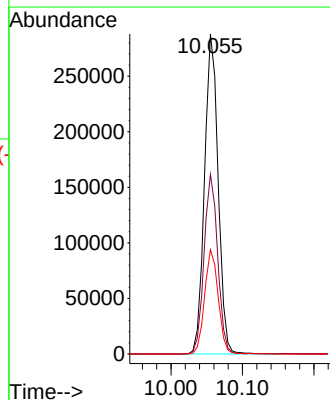
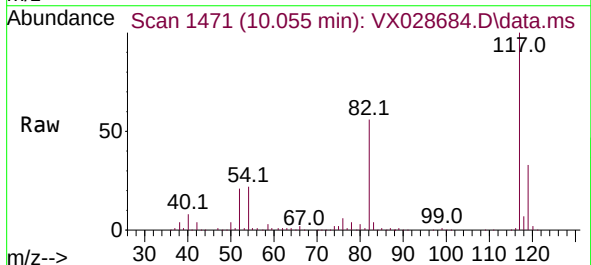
Instrument :
MSVOA_X
ClientSampleId :
M-21518

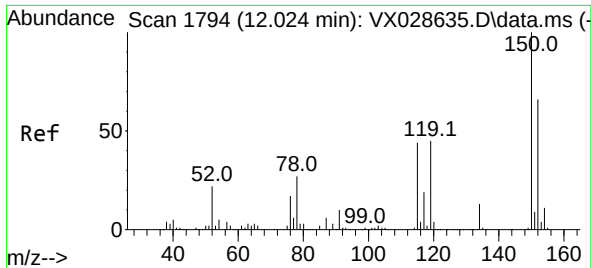
Tgt Ion: 95 Resp: 175820
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028684.D
Acq: 13 May 2022 17:40

Tgt Ion: 117 Resp: 381947
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.6 24.8 37.2

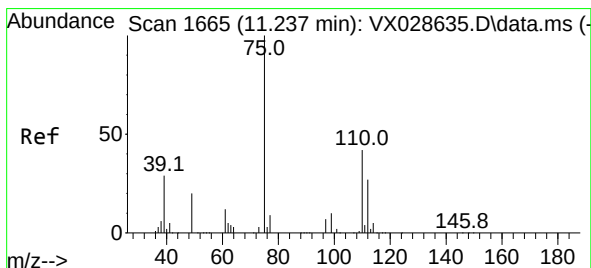
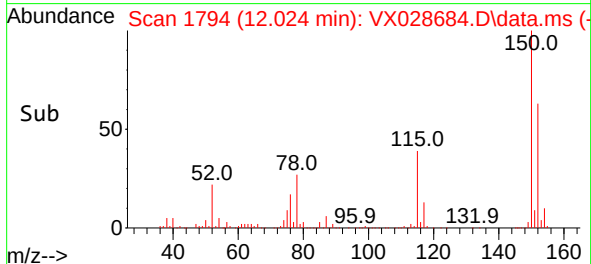
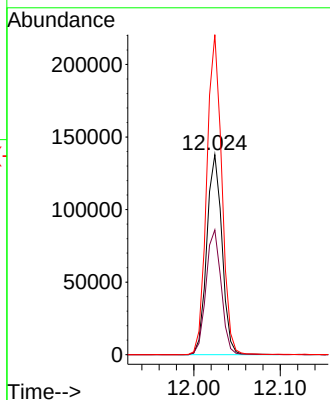
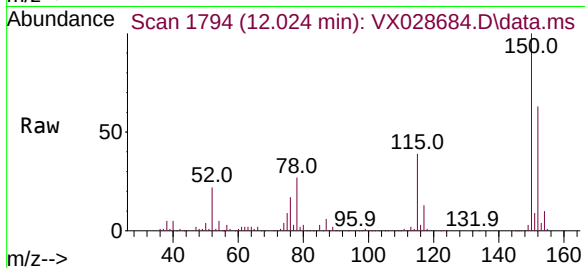




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028684.D
 Acq: 13 May 2022 17:40

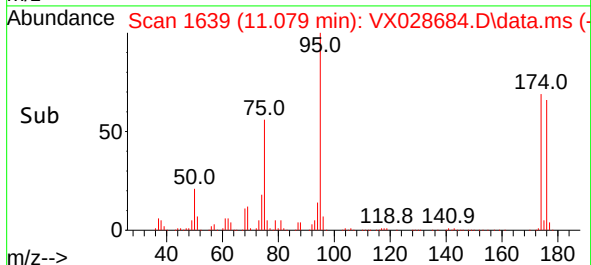
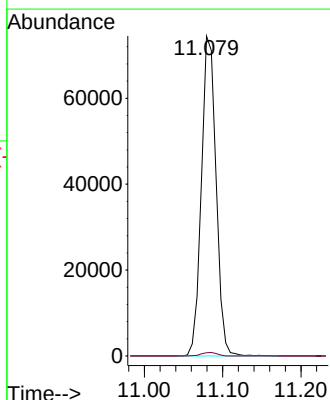
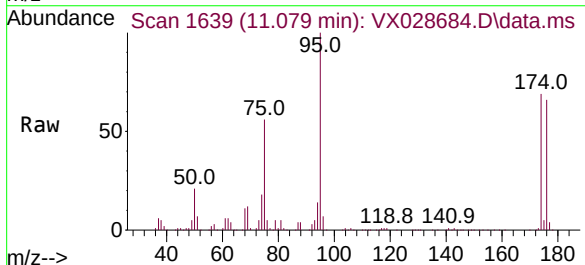
Instrument :
 MSVOA_X
 ClientSampleId :
 M-21518

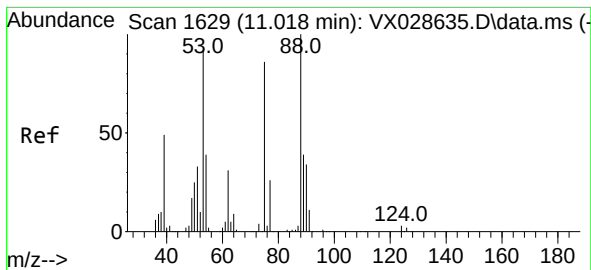
Tgt Ion:152 Resp: 168023
 Ion Ratio Lower Upper
 152 100
 115 62.4 37.5 112.7
 150 158.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.632 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028684.D
 Acq: 13 May 2022 17:40

Tgt Ion: 75 Resp: 96925
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.665 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028684.D
 Acq: 13 May 2022 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 M-21518

Tgt Ion: 75 Resp: 96925
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

