

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028822.D
 Acq On : 19 May 2022 13:59
 Operator : JC/MD
 Sample : N2941-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14S-20220518

Quant Time: May 20 01:46:43 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)

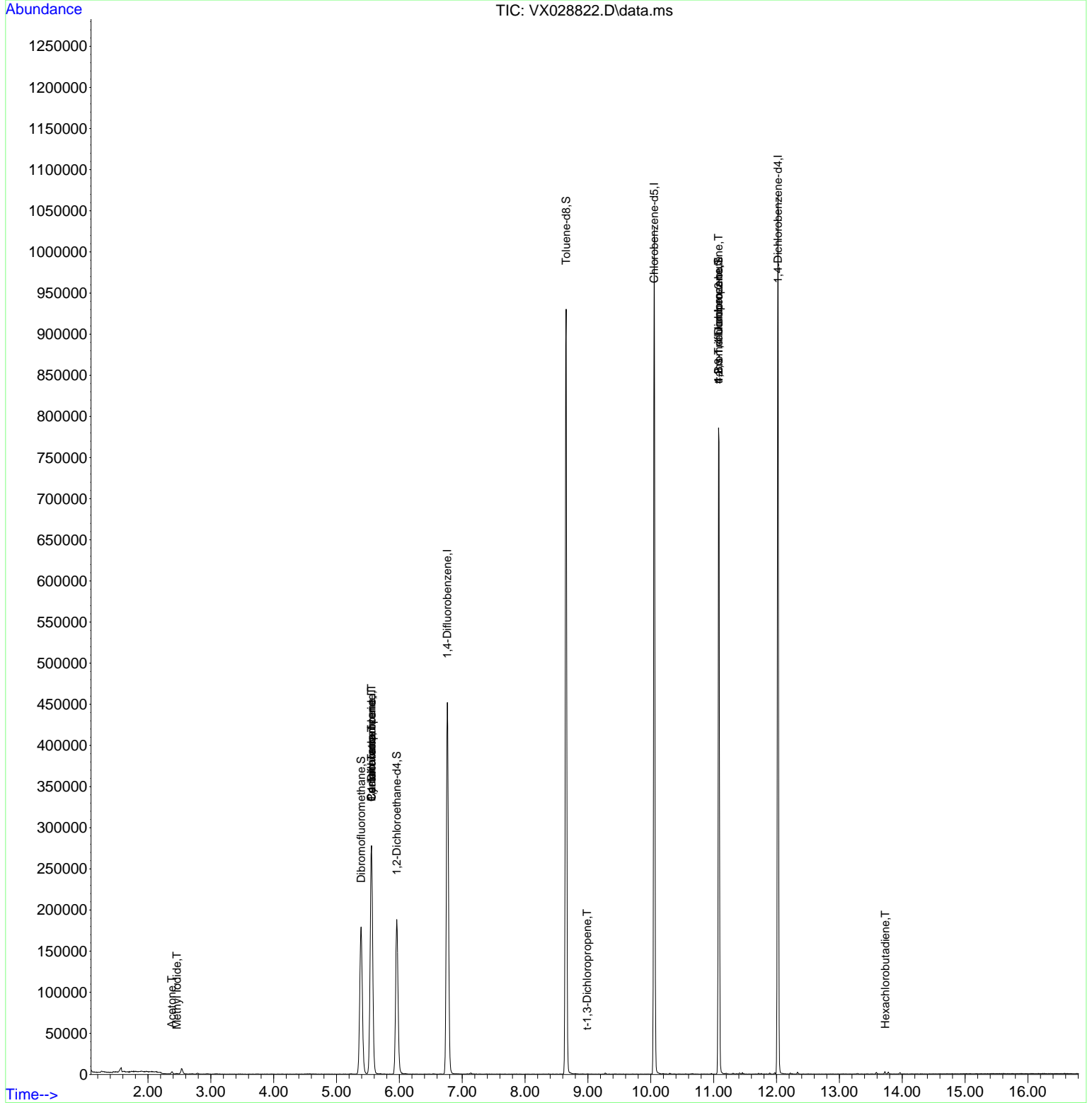
Internal Standards						
1) Pentafluorobenzene	5.556	168	256227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	461195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178449	50.807	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.620%	
35) Dibromofluoromethane	5.391	113	152475	50.460	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.920%	
50) Toluene-d8	8.653	98	549714	48.253	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	96.500%	
62) 4-Bromofluorobenzene	11.079	95	208588	49.021	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	98.040%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	664	Below Cal		93
6) Chloroethane	1.679	64	71	Below Cal	#	43
10) Methyl Iodide	2.459	142	920	0.269	ug/l #	90
11) Tert butyl alcohol	2.934	59	304	Below Cal	#	72
16) Acetone	2.380	43	2872	1.905	ug/l	99
31) Cyclohexane	5.556	56	6003	1.231	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	20483	4.513	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26969	5.905	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	41	1.648	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	110512	23.130	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110512	67.531	ug/l #	15
94) Hexachlorobutadiene	13.731	225	456	0.276	ug/l	93

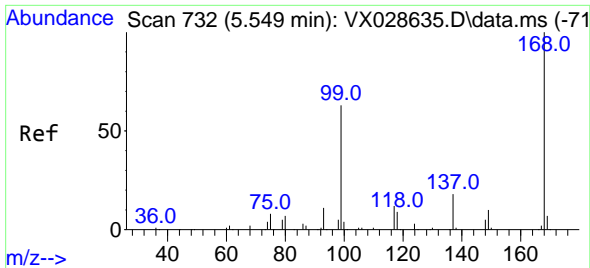
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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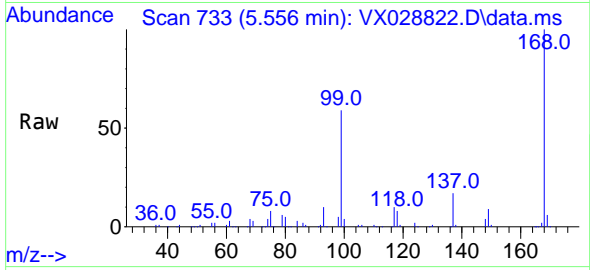
Quant Time: May 20 01:46:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
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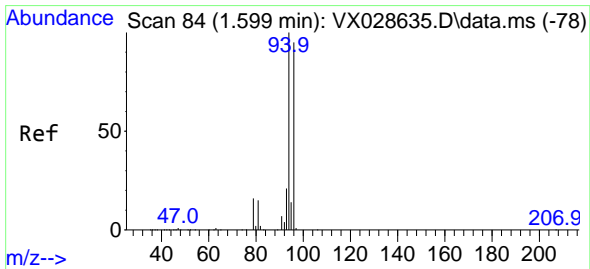
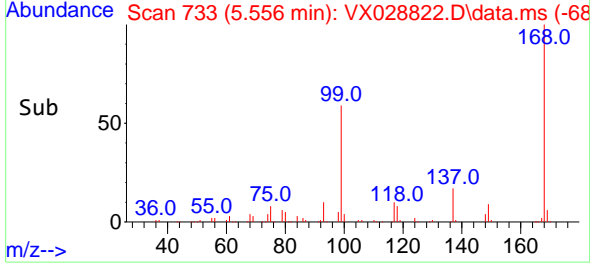
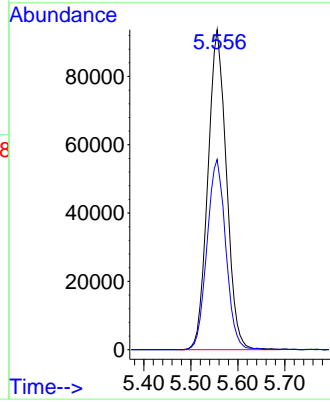


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 14S-20220518

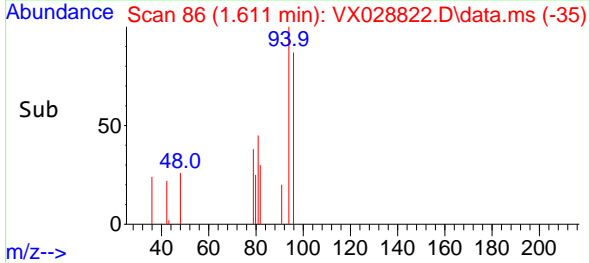
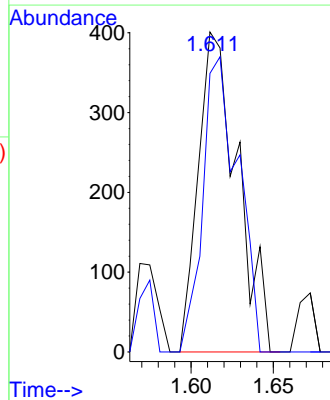
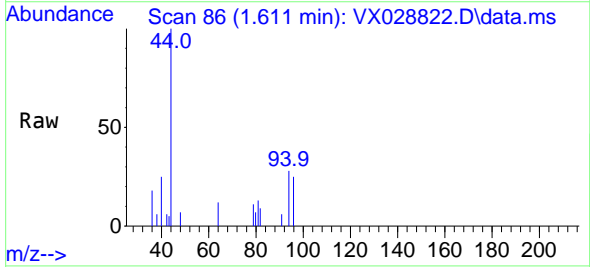


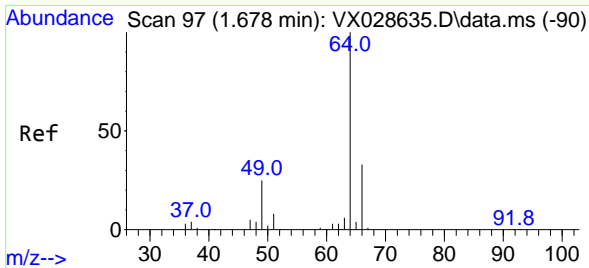
Tgt Ion:168 Resp: 256227
 Ion Ratio Lower Upper
 168 100
 99 59.5 41.7 62.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Tgt Ion: 94 Resp: 664
 Ion Ratio Lower Upper
 94 100
 96 87.0 75.3 112.9

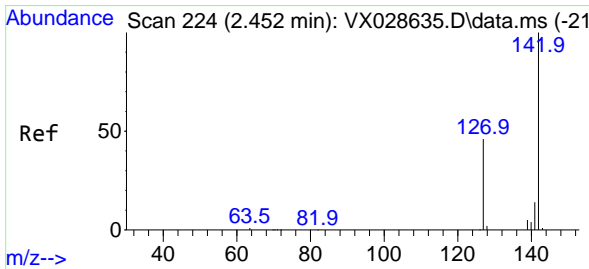
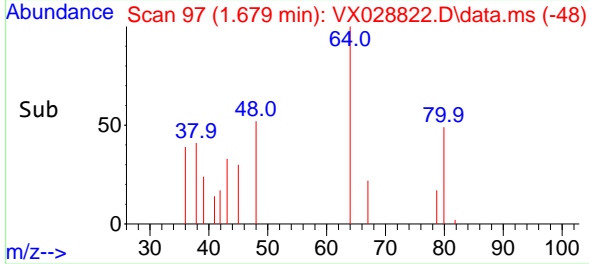
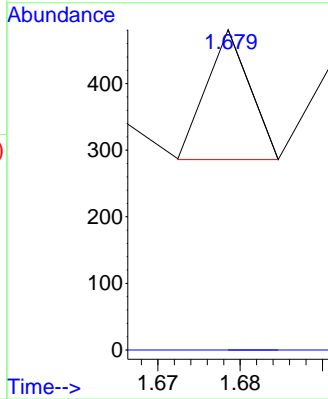
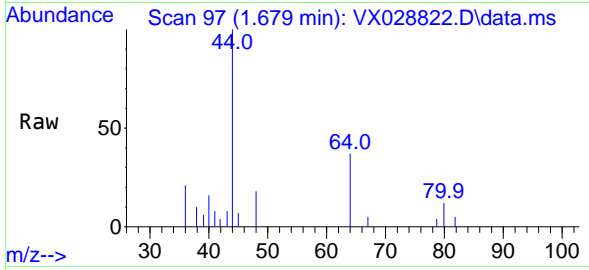




#6
 Chloroethane
 Concen: Below Cal
 RT: 1.679 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

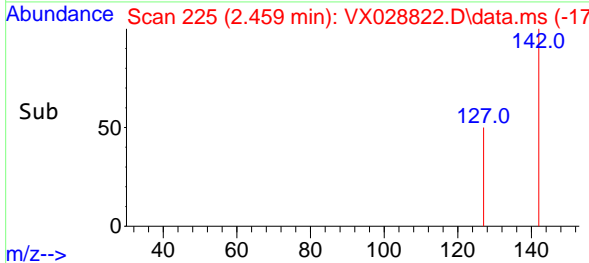
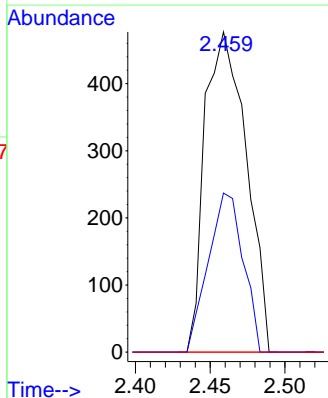
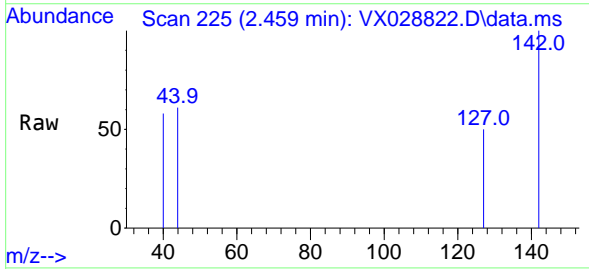
Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

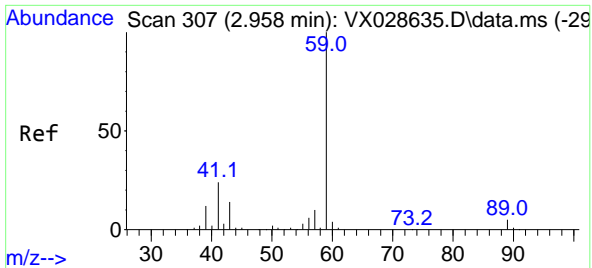
Tgt Ion: 64 Resp: 71
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.3 37.9#



#10
 Methyl Iodide
 Concen: 0.269 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. 0.007 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Tgt Ion: 142 Resp: 920
 Ion Ratio Lower Upper
 142 100
 127 41.7 33.9 50.9
 141 0.0 11.4 17.2#

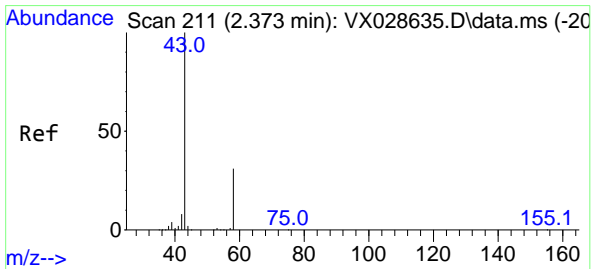
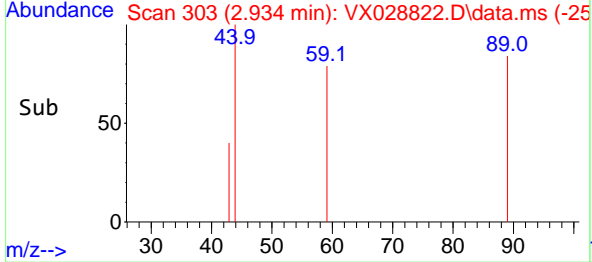
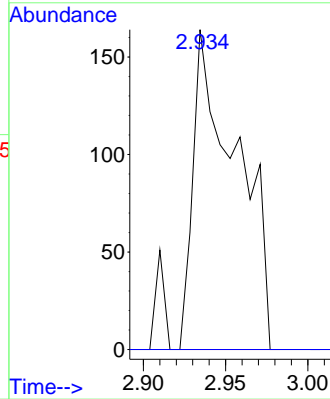
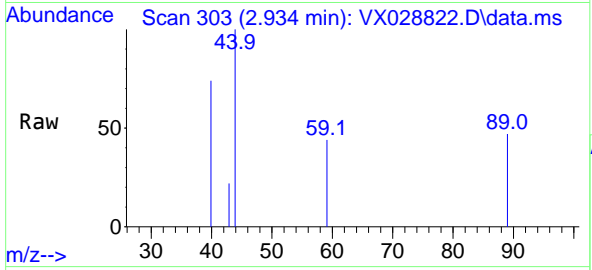




#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 2.934 min Scan# 307
 Delta R.T. -0.024 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

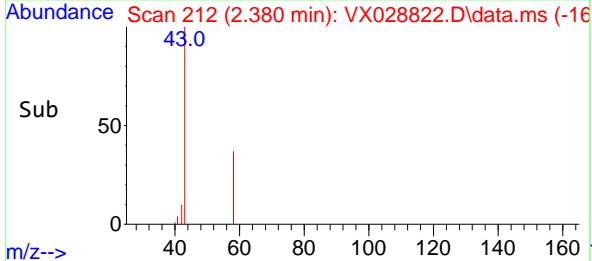
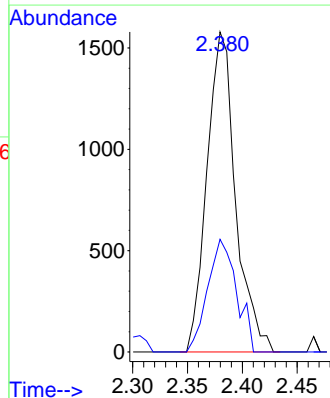
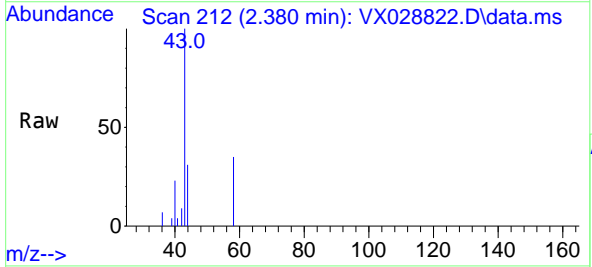
Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

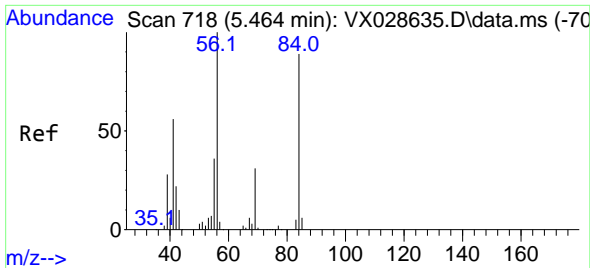
Tgt Ion: 59 Resp: 304
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



#16
 Acetone
 Concen: 1.905 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

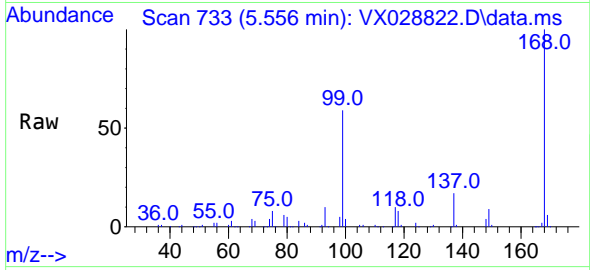
Tgt Ion: 43 Resp: 2872
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.8 43.2



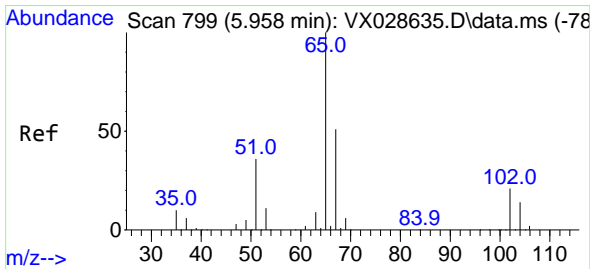
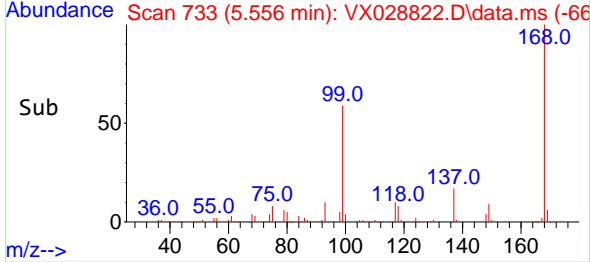
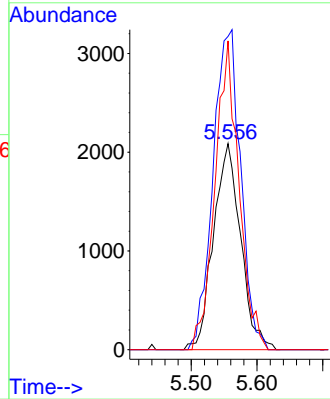


#31
 Cyclohexane
 Concen: 1.231 ug/l
 RT: 5.556 min Scan# 718
 Delta R.T. 0.092 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

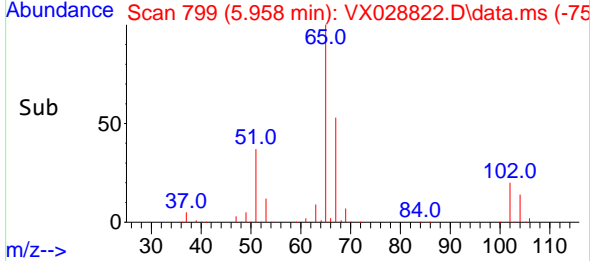
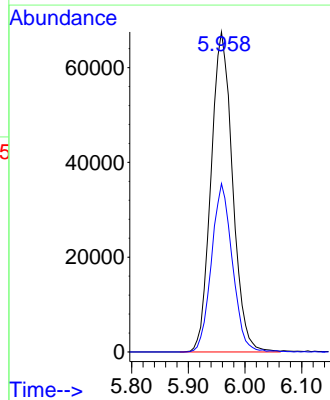
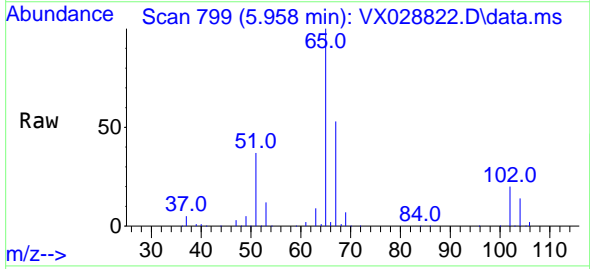


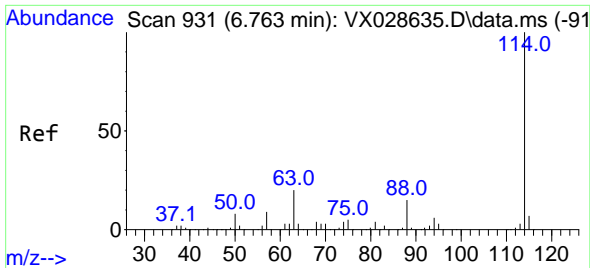
Tgt Ion: 56 Resp: 6003
 Ion Ratio Lower Upper
 56 100
 69 152.0 26.7 40.1#
 84 149.8 77.2 115.8#



#33
 1,2-Dichloroethane-d4
 Concen: 50.807 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

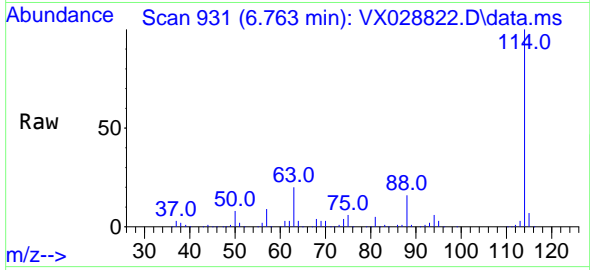
Tgt Ion: 65 Resp: 178449
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.4



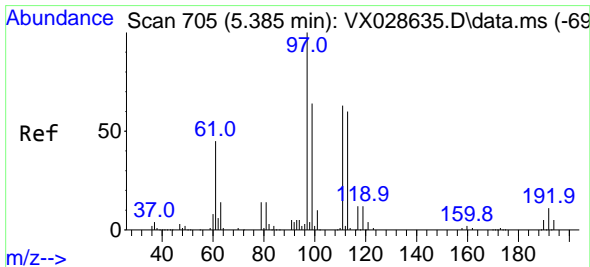
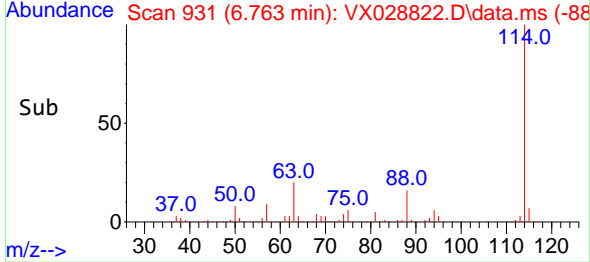
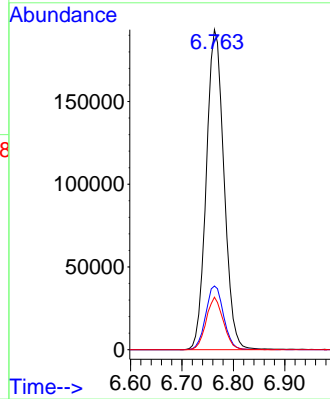


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

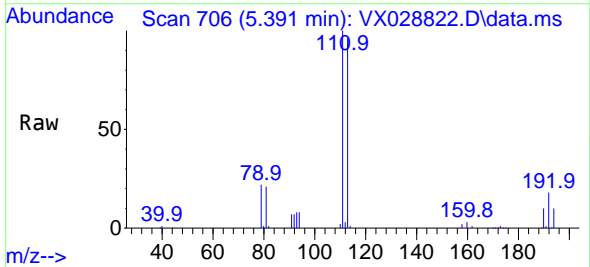
Instrument : MSVOA_X
 ClientSampleId : 14S-20220518



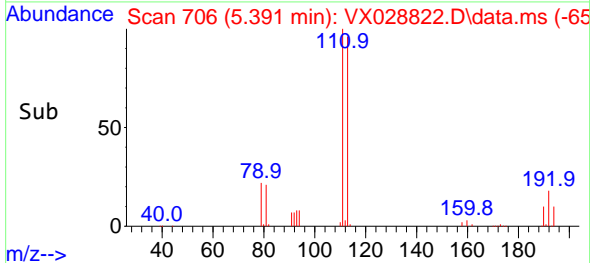
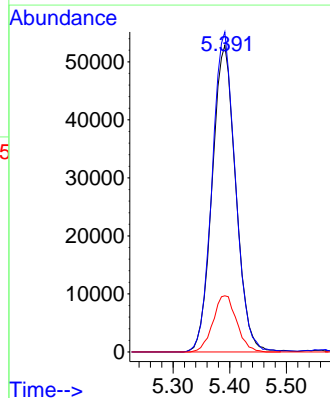
Tgt Ion:114 Resp: 461195
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.8
 88 16.4 0.0 32.4

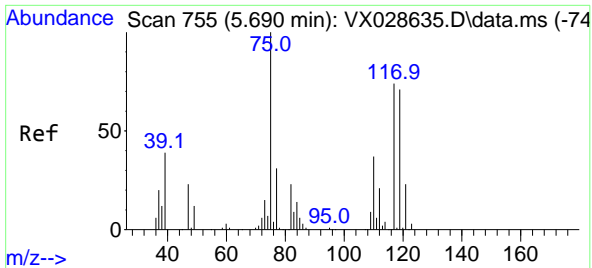


#35
 Dibromofluoromethane
 Concen: 50.460 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59



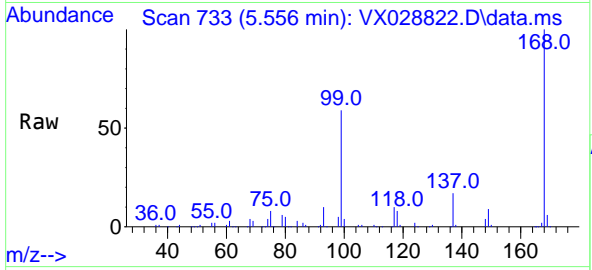
Tgt Ion:113 Resp: 152475
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 18.4 16.9 25.3



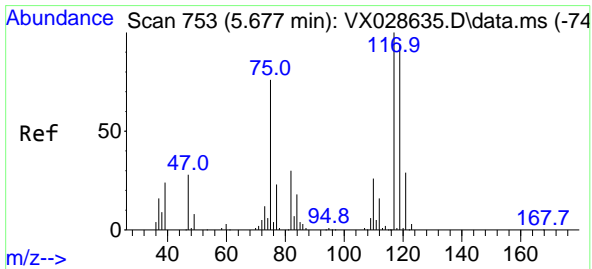
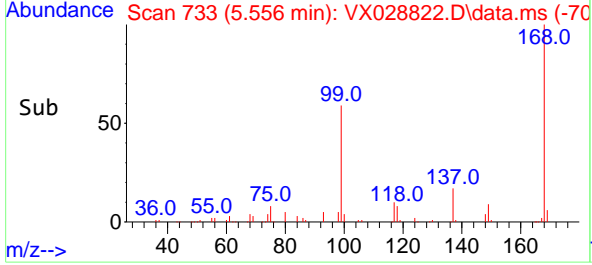
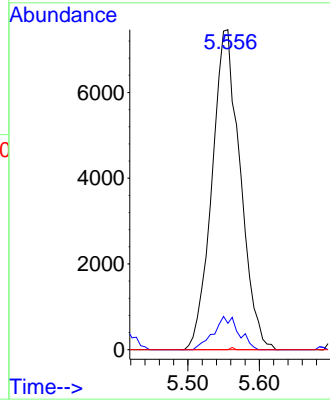


#36
 1,1-Dichloropropene
 Concen: 4.513 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

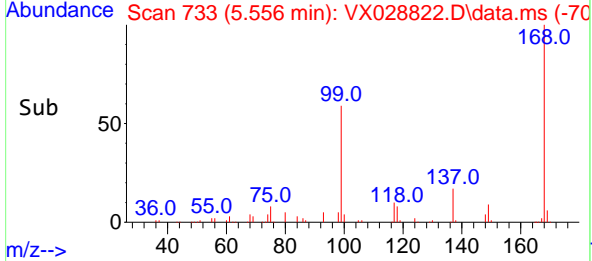
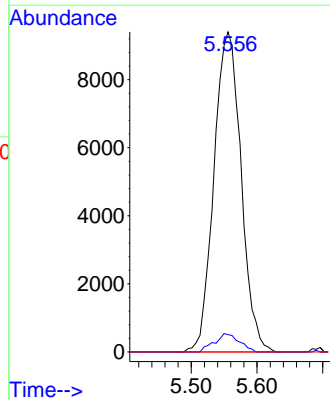
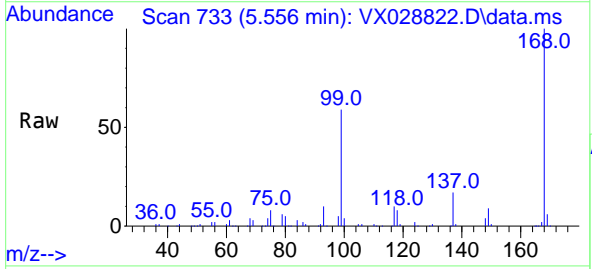


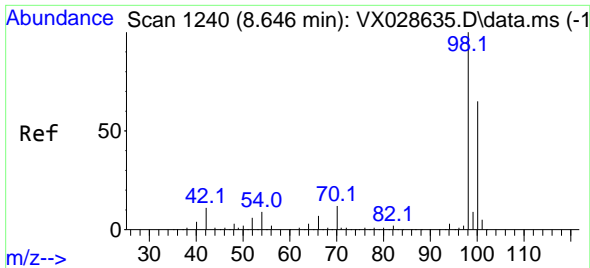
Tgt Ion: 75 Resp: 20483
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.8#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.905 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.121 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

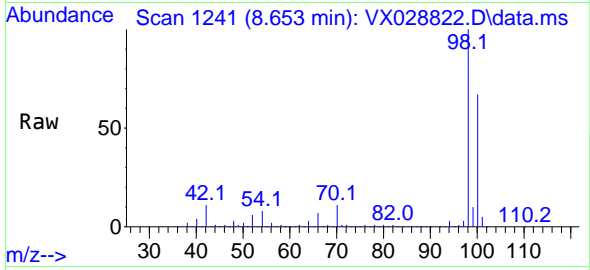
Tgt Ion: 117 Resp: 26969
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.3 115.9#
 121 0.0 24.2 36.2#



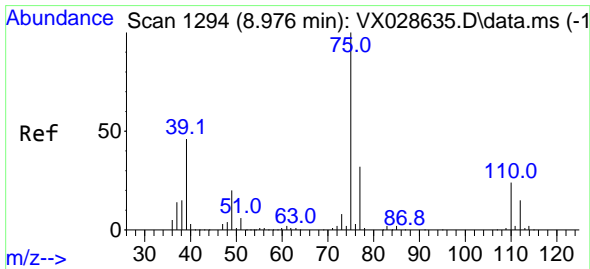
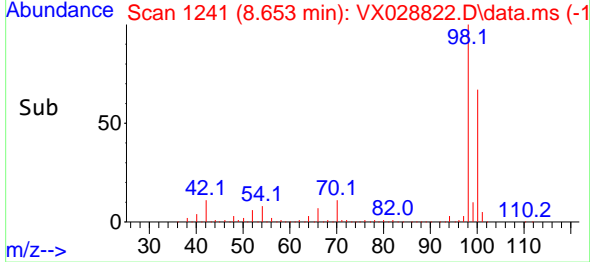
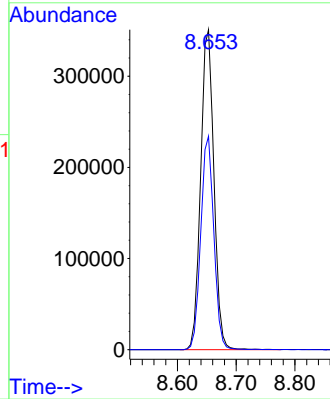


#50
 Toluene-d8
 Concen: 48.253 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 14S-20220518

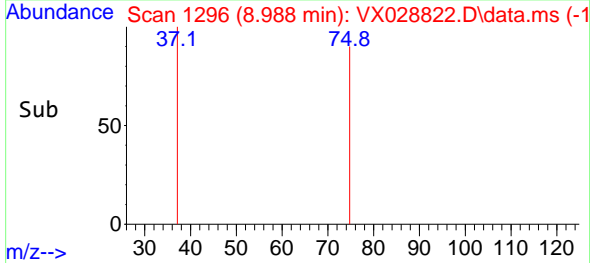
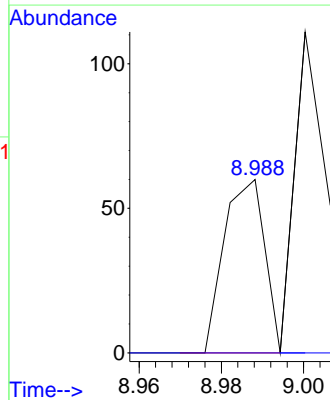
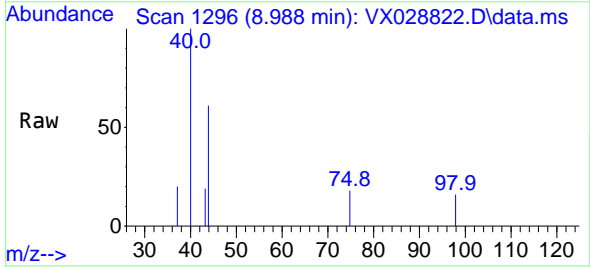


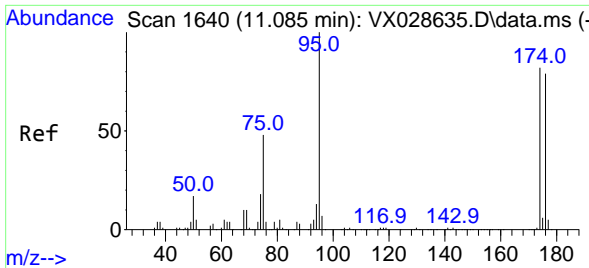
Tgt Ion: 98 Resp: 549714
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8



#53
 t-1,3-Dichloropropene
 Concen: 1.648 ug/l
 RT: 8.988 min Scan# 1296
 Delta R.T. 0.012 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

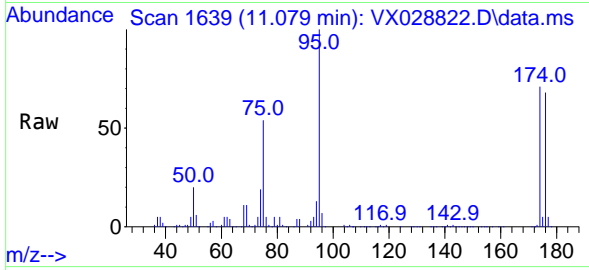
Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



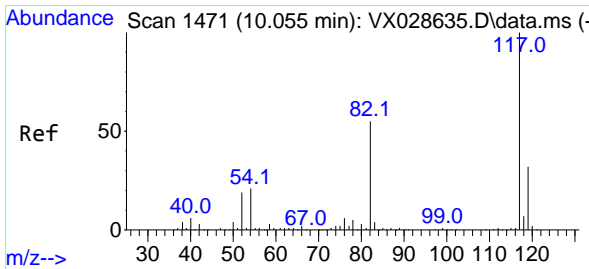
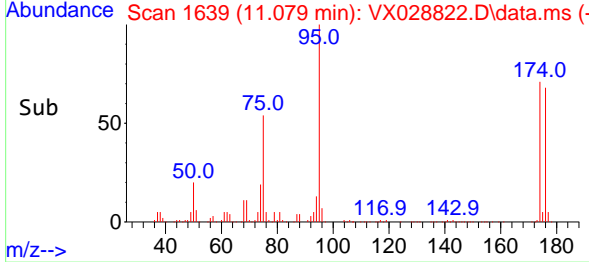
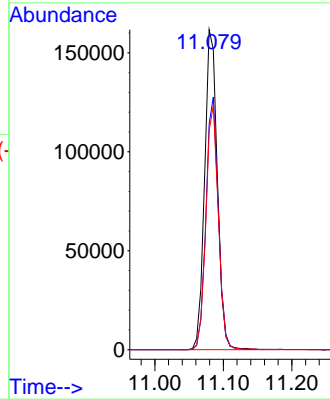


#62
 4-Bromofluorobenzene
 Concen: 49.021 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

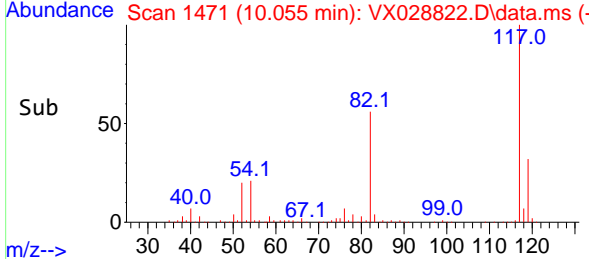
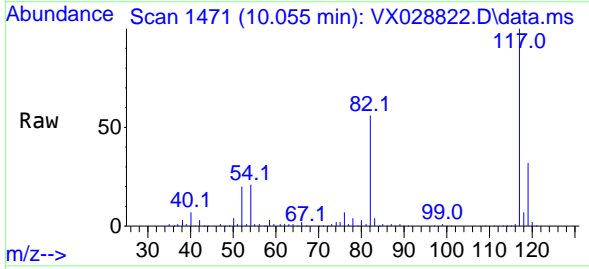
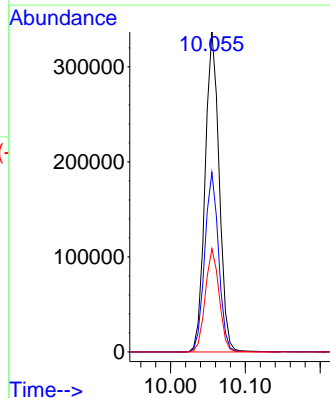


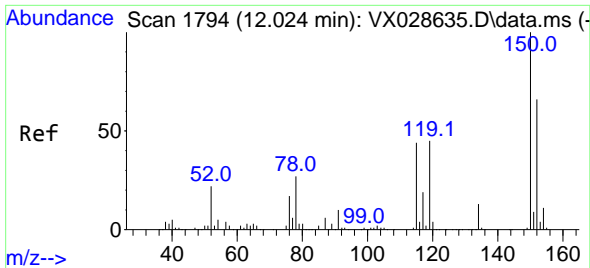
Tgt Ion: 95 Resp: 208588
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 163.0
 176 74.7 0.0 155.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

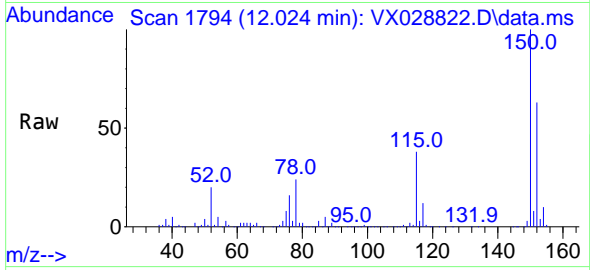
Tgt Ion: 117 Resp: 440447
 Ion Ratio Lower Upper
 117 100
 82 56.1 41.8 62.8
 119 32.3 24.8 37.2



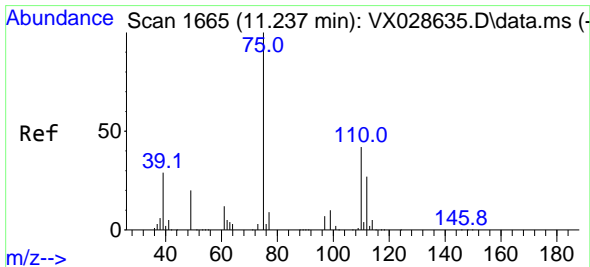
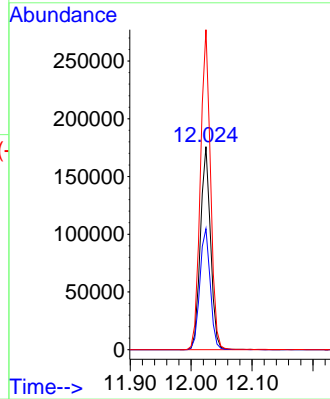
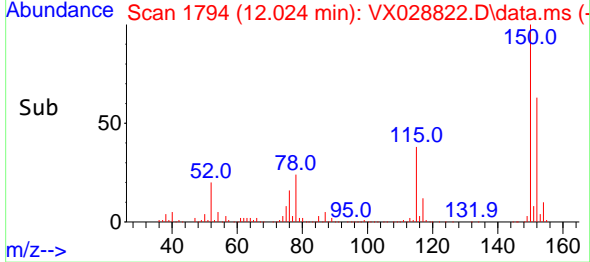


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

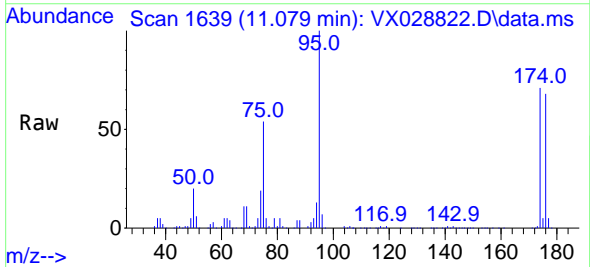
Instrument : MSVOA_X
 ClientSampleId : 14S-20220518



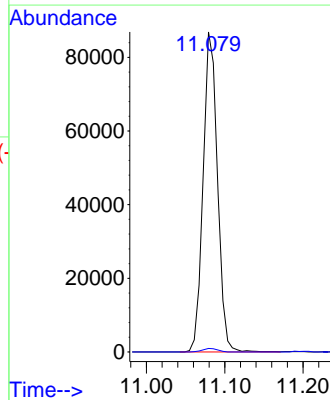
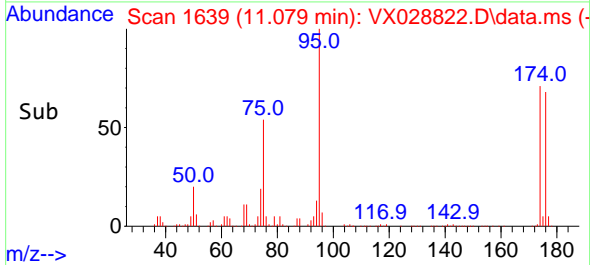
Tgt Ion:152 Resp: 204017
 Ion Ratio Lower Upper
 152 100
 115 61.0 37.5 112.7
 150 157.4 0.0 338.2

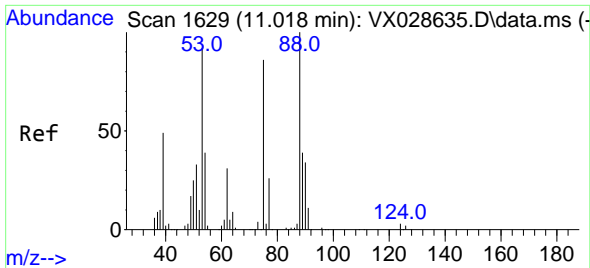


#76
 1,2,3-Trichloropropane
 Concen: 23.130 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59



Tgt Ion: 75 Resp: 110512
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#



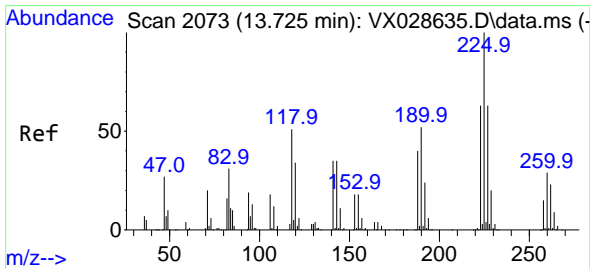
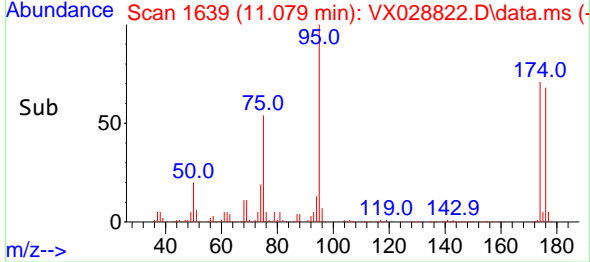
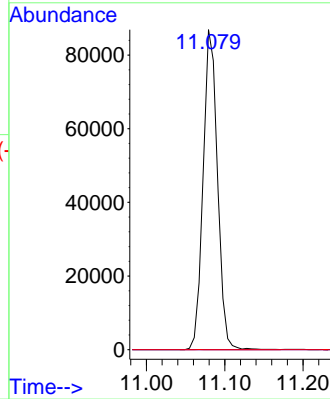
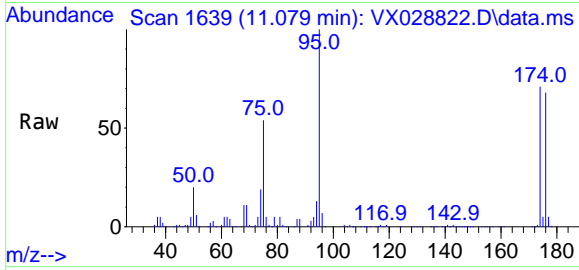


#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.531 ug/l
 RT: 11.079 min Scan# 110512
 Delta R.T. 0.061 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Instrument : MSVOA_X
 ClientSampleId : 14S-20220518

Tgt Ion: 75 Resp: 110512

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#



#94
 Hexachlorobutadiene
 Concen: 0.276 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX028822.D
 Acq: 19 May 2022 13:59

Tgt Ion: 225 Resp: 456

Ion	Ratio	Lower	Upper
225	100		
223	68.2	34.2	102.5
227	79.2	33.9	101.7

