

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026650.D
 Acq On : 28 Jan 2022 14:49
 Operator : JC/MD
 Sample : N1297-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB012622

Quant Time: Jan 29 02:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

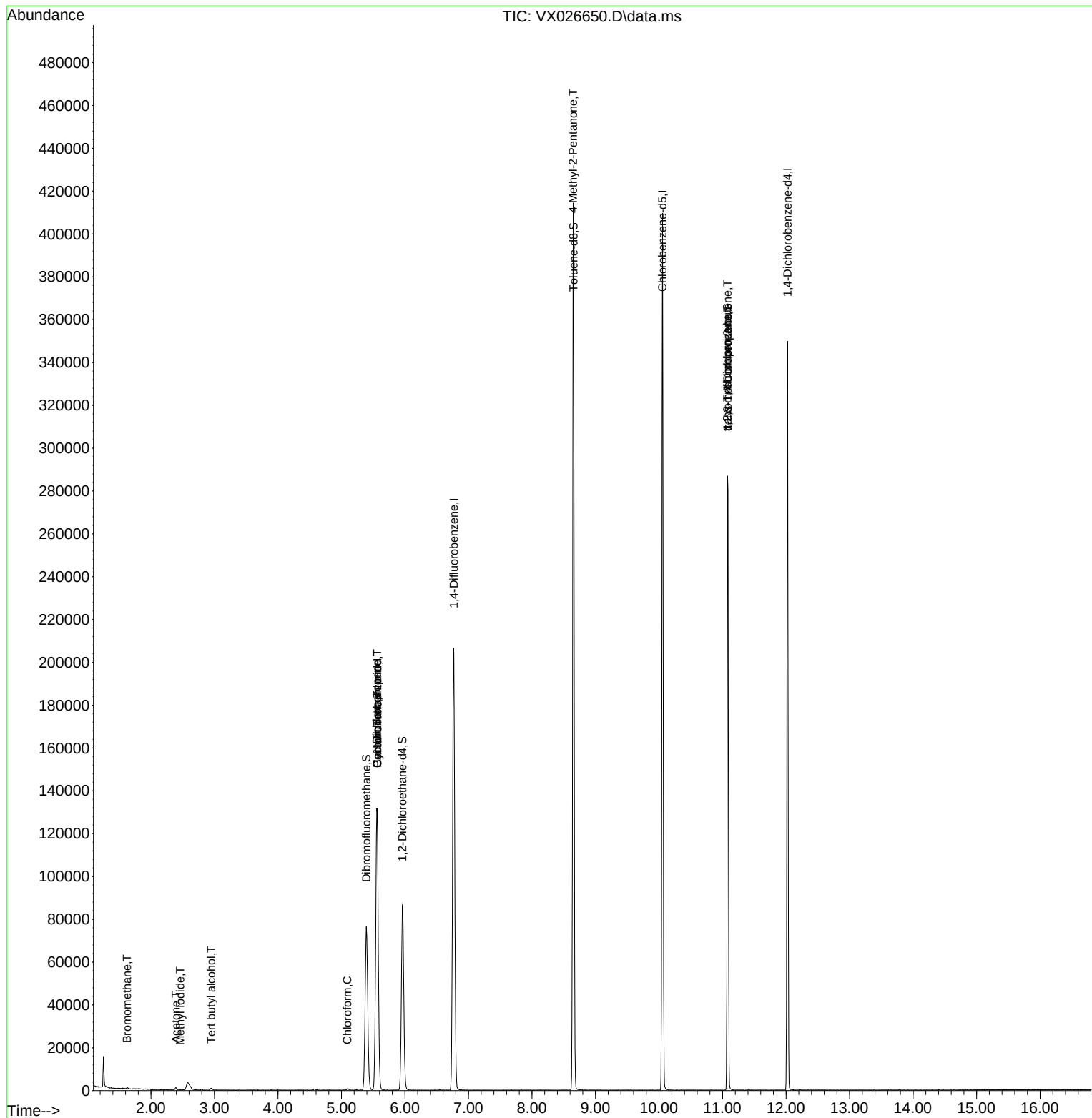
Internal Standards						
1) Pentafluorobenzene	5.562	168	124903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81903	46.941	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.880%
35) Dibromofluoromethane	5.391	113	66079	47.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	8.653	98	243095	48.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	80286	45.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	277	0.423	ug/l #	79
10) Methyl Iodide	2.459	142	185	4.560	ug/l #	67
11) Tert butyl alcohol	2.947	59	602	2.480	ug/l #	75
16) Acetone	2.392	43	1451	1.631	ug/l	94
30) Chloroform	5.093	83	902	0.330	ug/l	87
31) Cyclohexane	5.562	56	2574	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9717	4.463	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13181	5.886	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1084	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39987	26.328	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39987	79.762	ug/l #	3

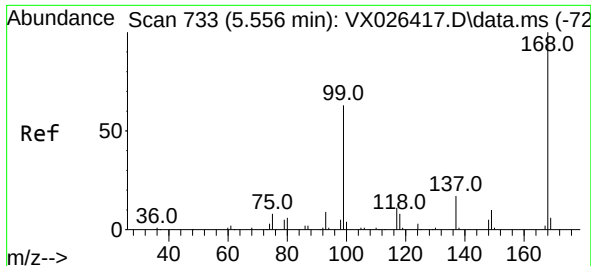
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 29 02:19:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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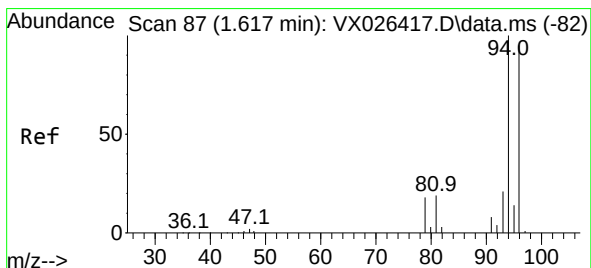
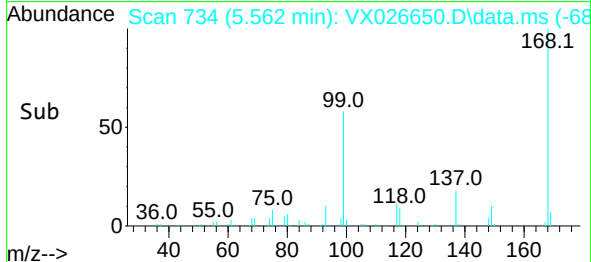
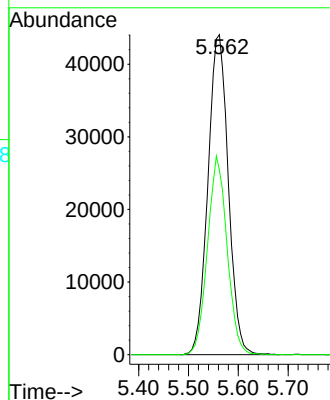
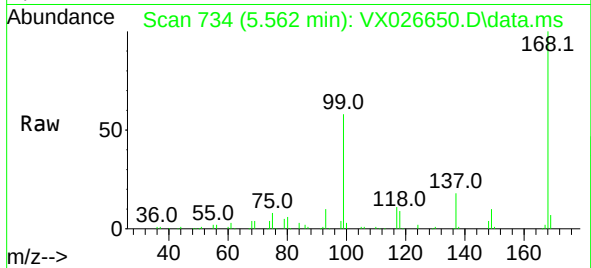




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

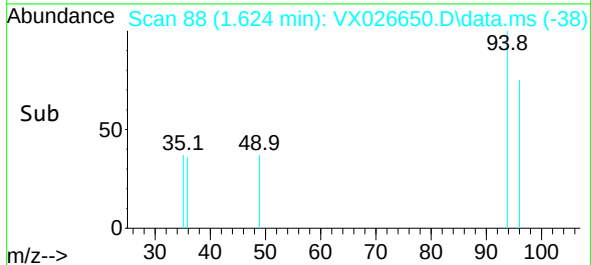
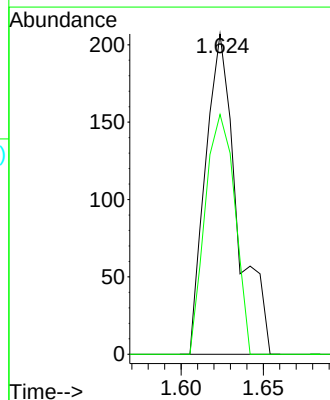
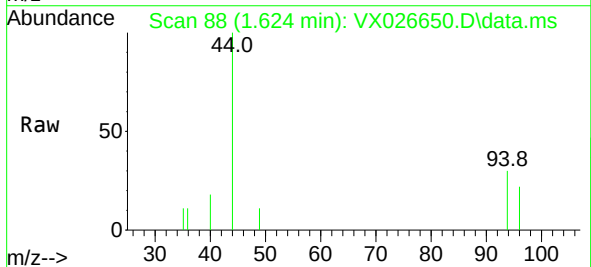
Instrument :
MSVOA_X
ClientSampleId :
FB012622

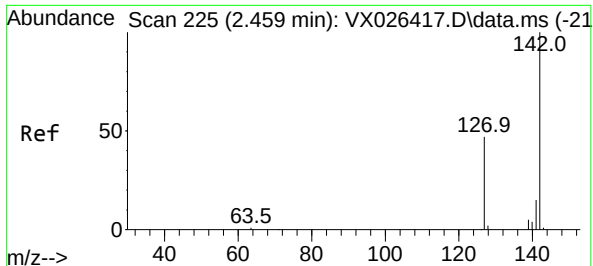
Tgt Ion:168 Resp: 124903
Ion Ratio Lower Upper
168 100
99 57.7 50.3 75.5



#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 74.9 75.9 113.9#

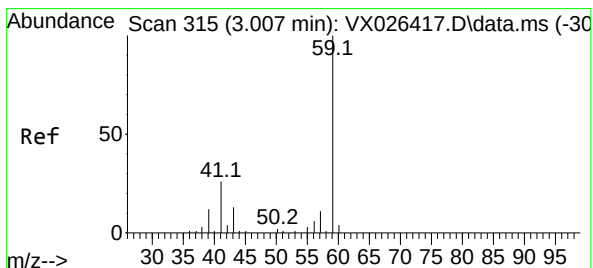
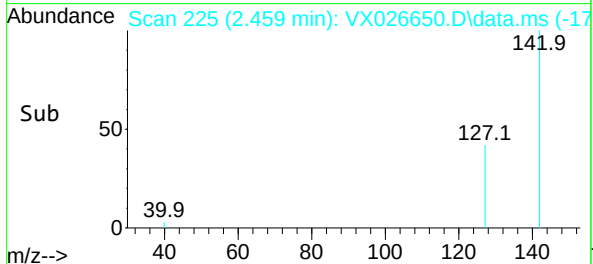
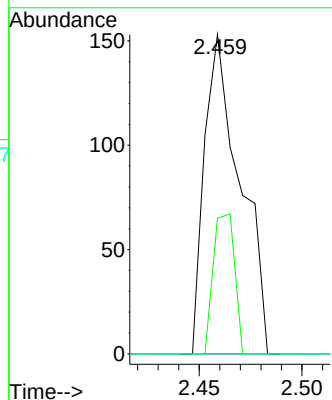
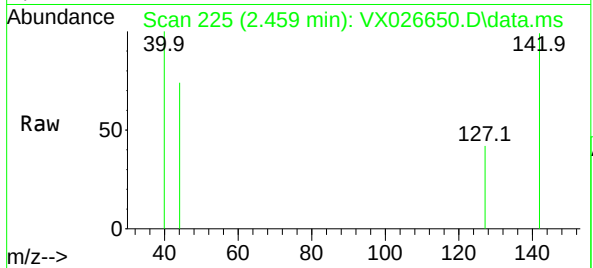




#10
Methyl Iodide
Concen: 4.560 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

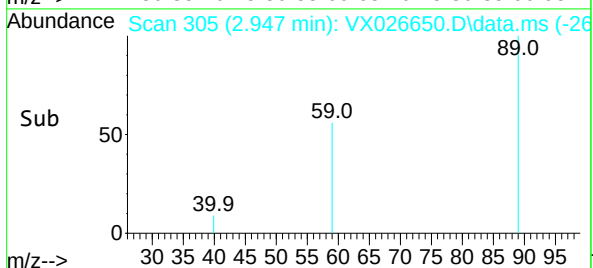
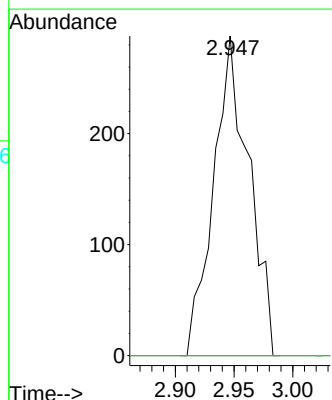
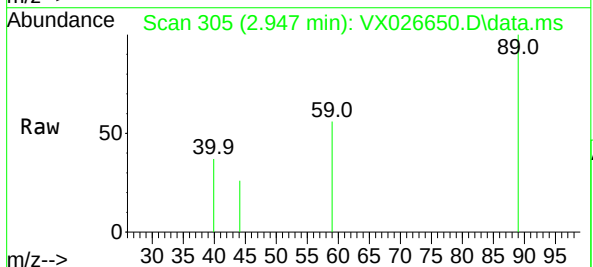
Instrument :
MSVOA_X
ClientSampleId :
FB012622

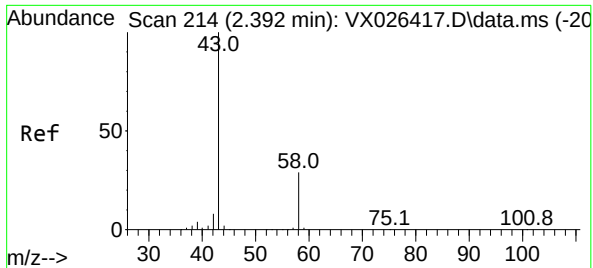
Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
127 25.9 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 2.480 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

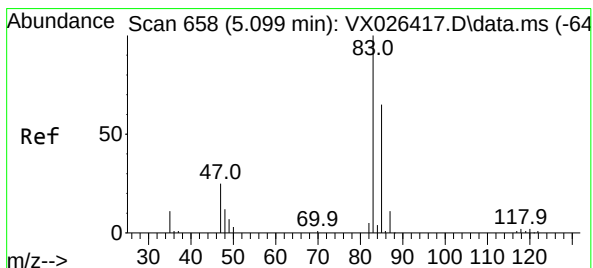
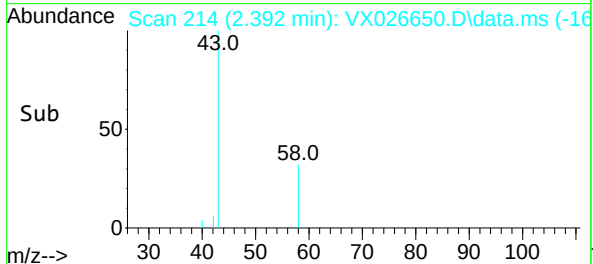
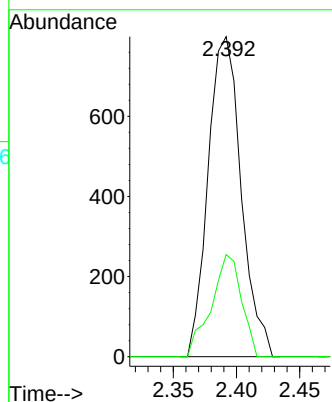
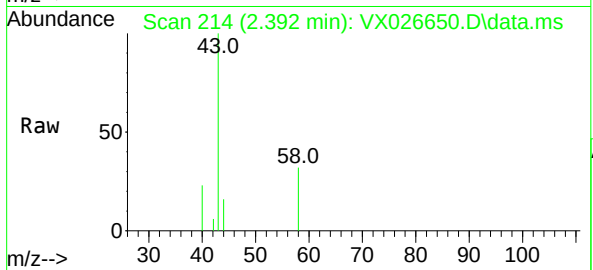




#16
Acetone
Concen: 1.631 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

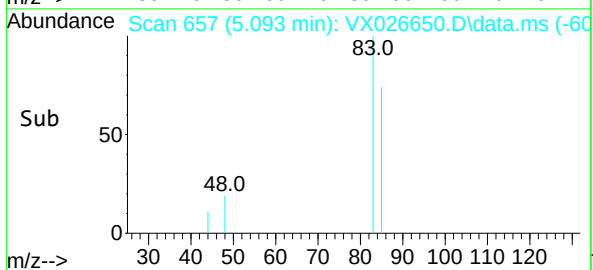
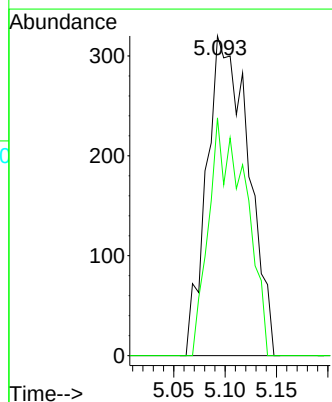
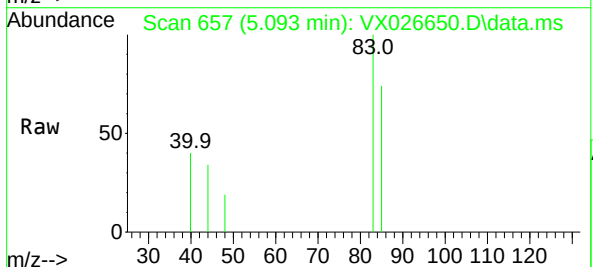
Instrument :
MSVOA_X
ClientSampleId :
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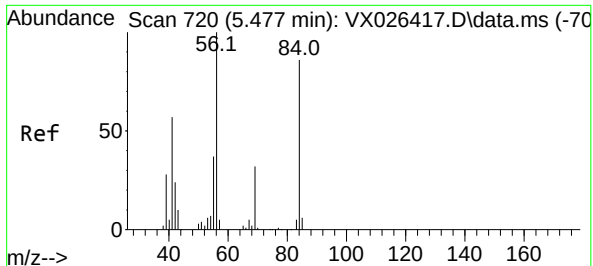
Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 31.9 23.0 34.6



#30
Chloroform
Concen: 0.330 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

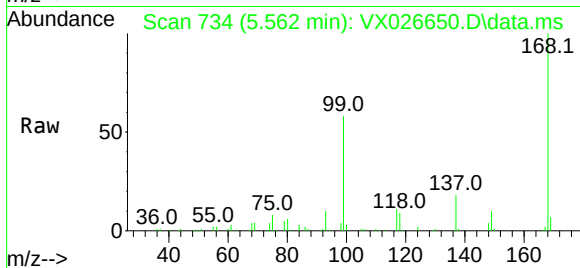
Tgt Ion: 83 Resp: 902
Ion Ratio Lower Upper
83 100
85 74.4 51.6 77.4



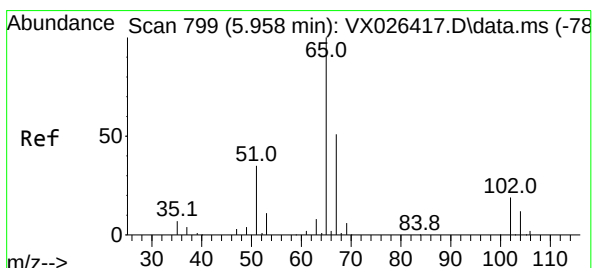
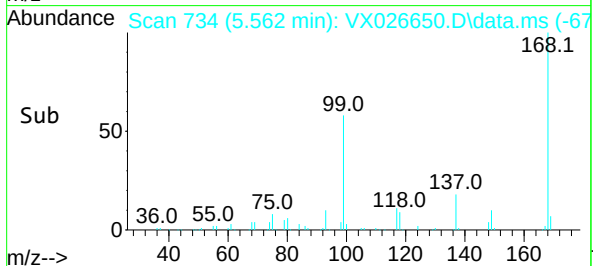
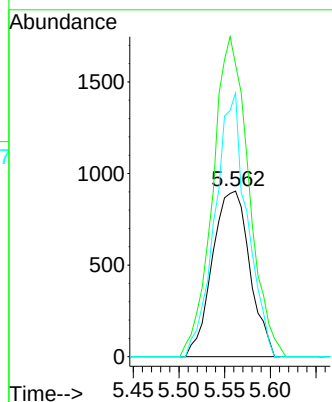


#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Instrument :
MSVOA_X
ClientSampleId :
FB012622

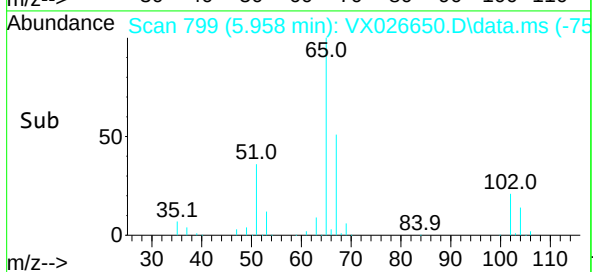
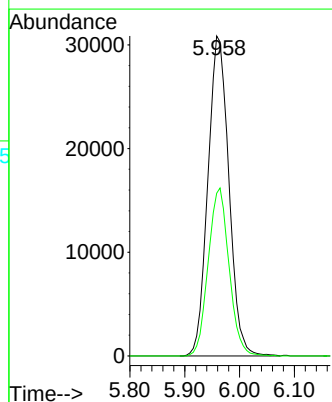
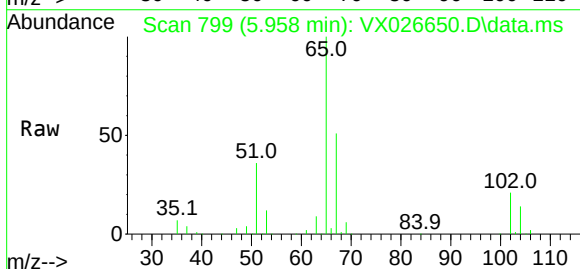


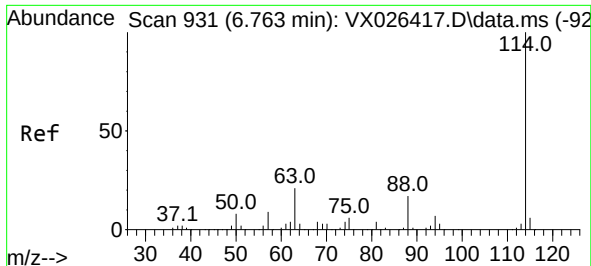
Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 176.4 25.8 38.6#
84 159.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.941 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion: 65 Resp: 81903
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

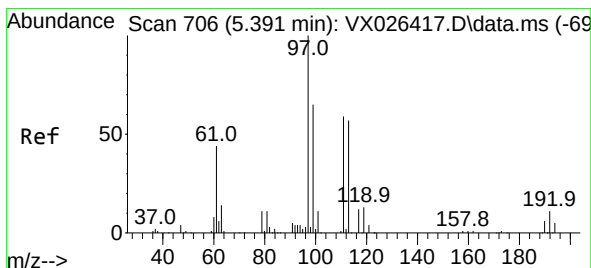
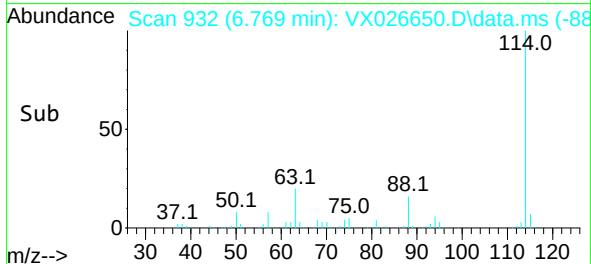
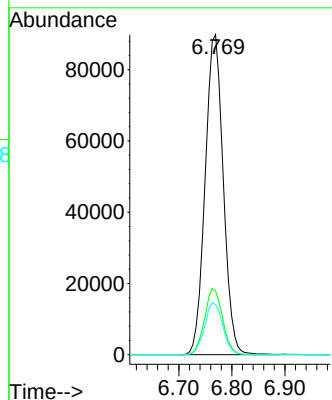
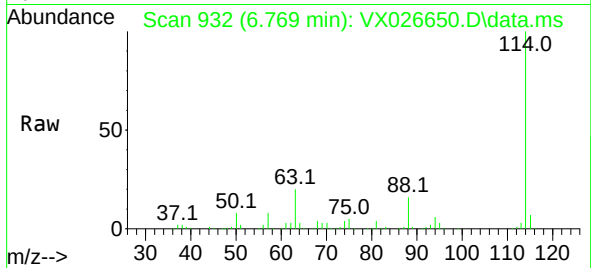




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

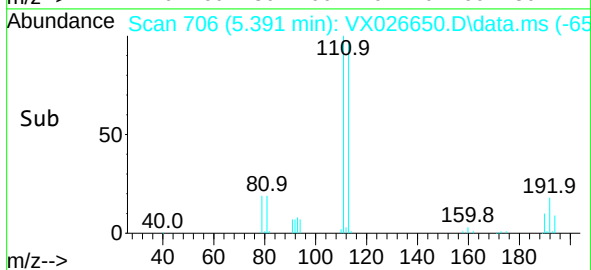
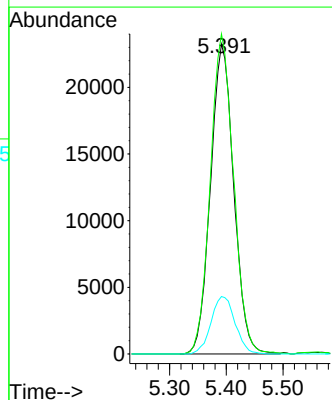
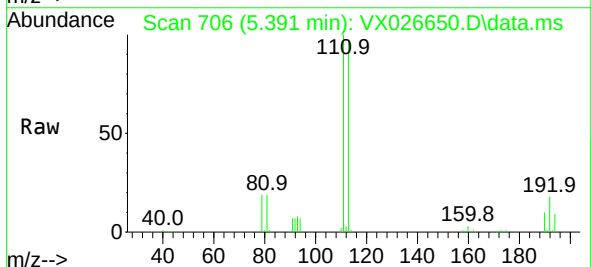
Instrument :
MSVOA_X
ClientSampleId :
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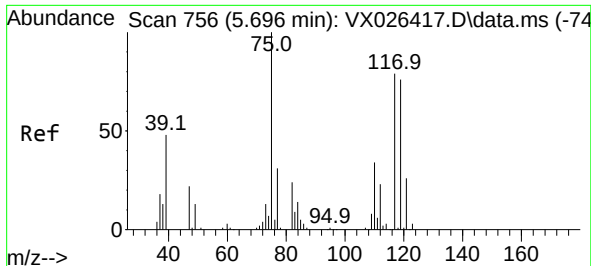
Tgt Ion:114 Resp: 213552
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.916 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion:113 Resp: 66079
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.2 15.0 22.4

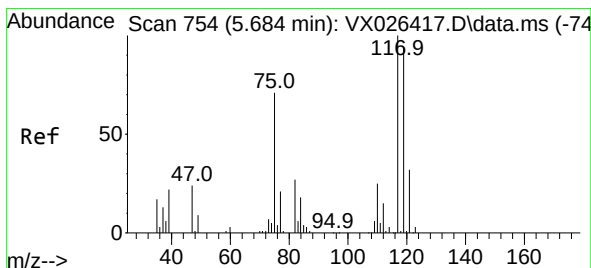
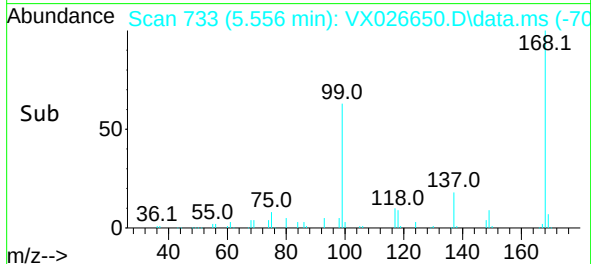
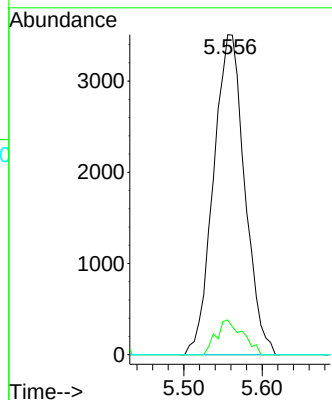
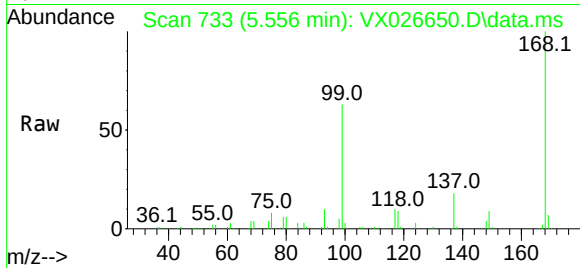




#36
 1,1-Dichloropropene
 Concen: 4.463 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX026650.D
 Acq: 28 Jan 2022 14:49

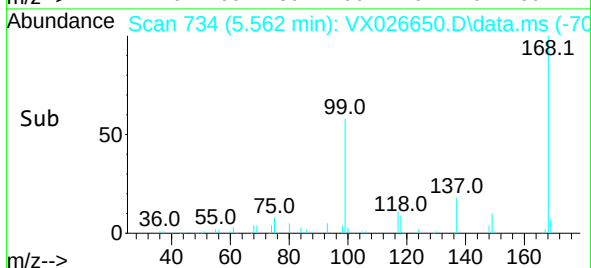
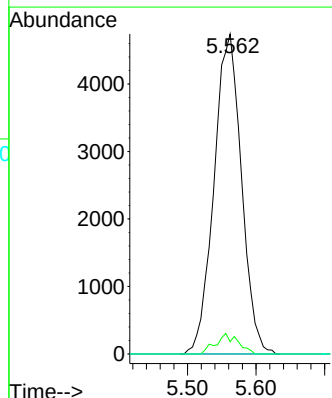
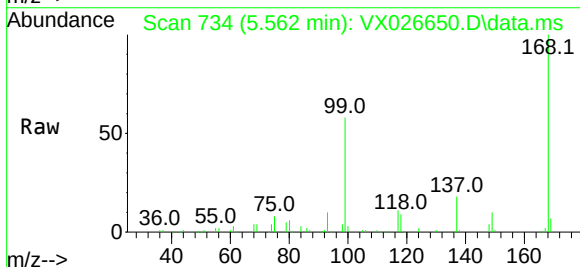
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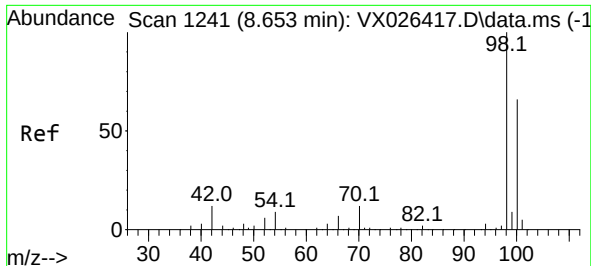
Tgt Ion: 75 Resp: 9717
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.2 51.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.886 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX026650.D
 Acq: 28 Jan 2022 14:49

Tgt Ion: 117 Resp: 13181
 Ion Ratio Lower Upper
 117 100
 119 3.9 74.7 112.1#
 121 0.0 25.4 38.0#

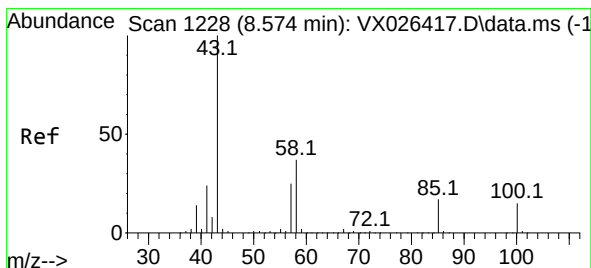
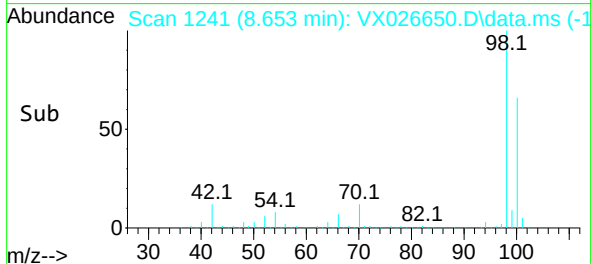
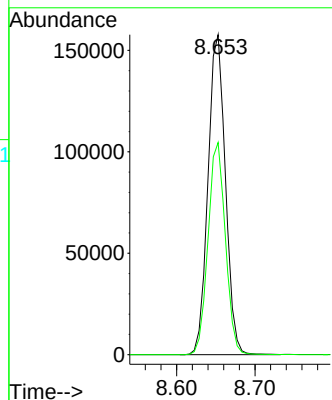
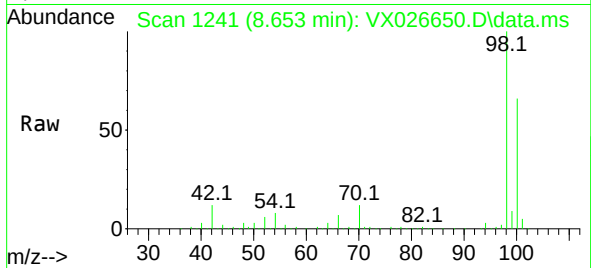




#50
Toluene-d8
Concen: 48.917 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

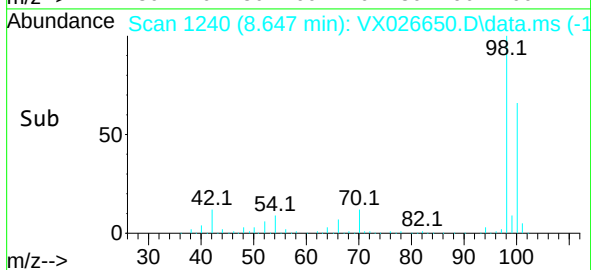
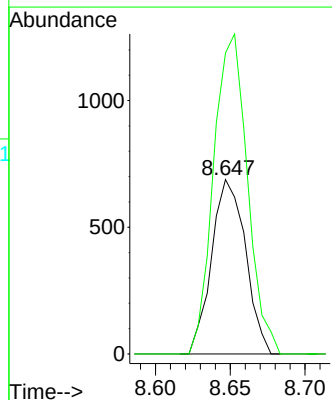
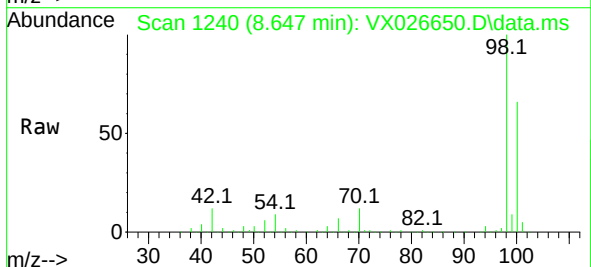
Instrument :
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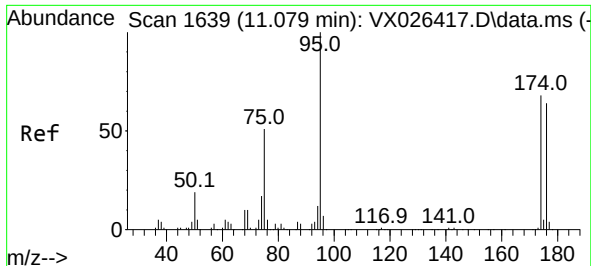
Tgt Ion: 98 Resp: 243095
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 182.8 30.5 45.7#

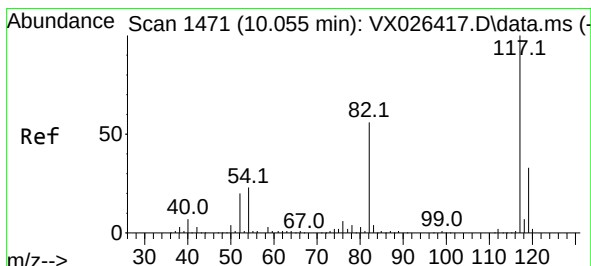
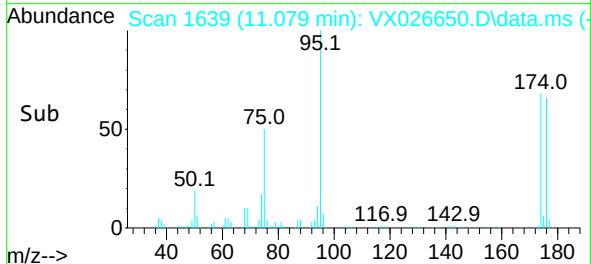
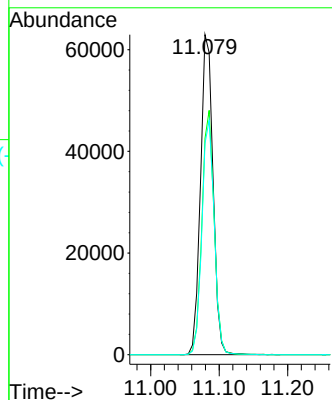
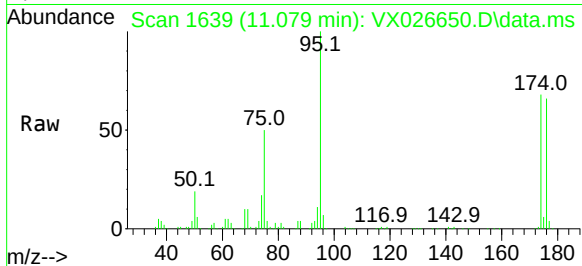




#62
4-Bromofluorobenzene
Concen: 45.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

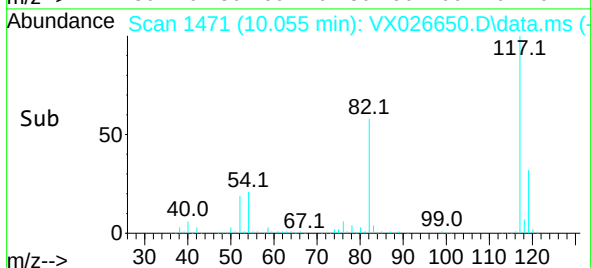
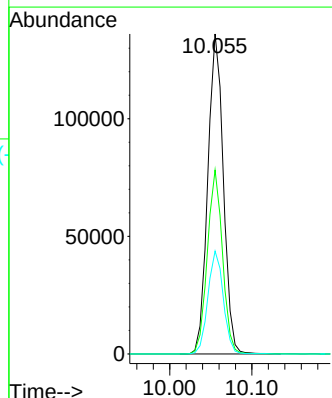
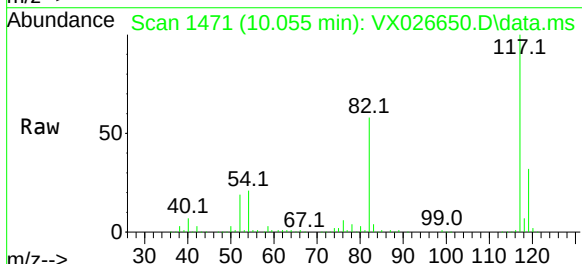
Instrument :
MSVOA_X
ClientSampleId :
FB012622

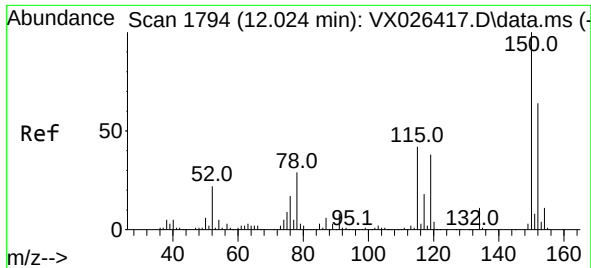
Tgt Ion: 95 Resp: 80286
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.6
176 72.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026650.D
Acq: 28 Jan 2022 14:49

Tgt Ion: 117 Resp: 178888
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 32.1 26.2 39.2

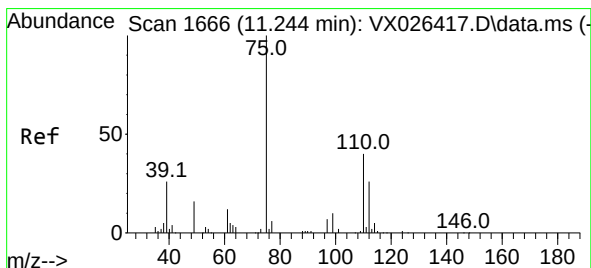
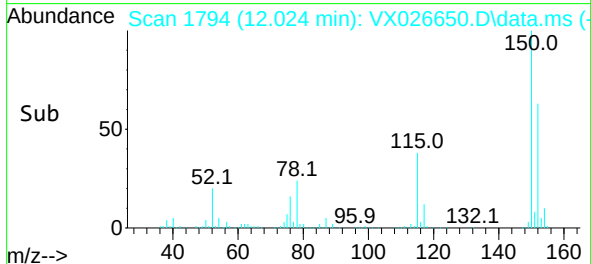
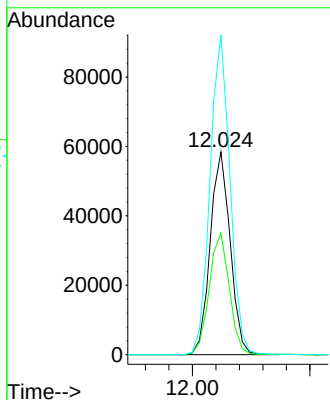
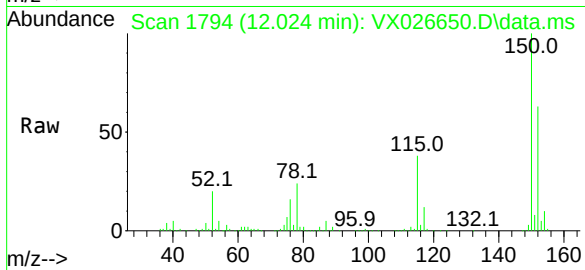




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026650.D
 Acq: 28 Jan 2022 14:49

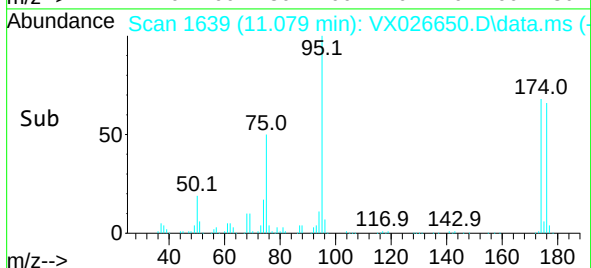
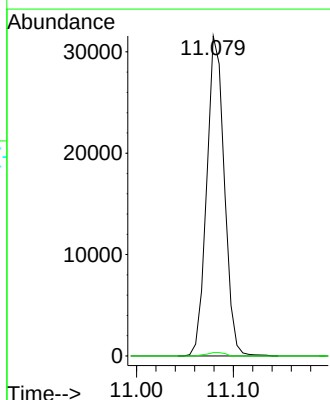
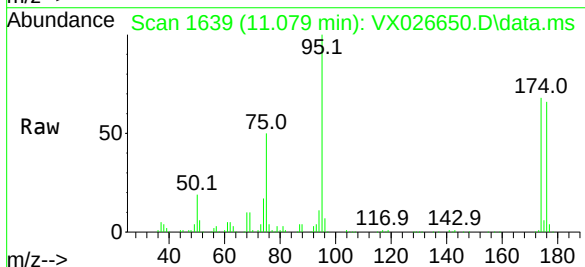
Instrument :
 MSVOA_X
 ClientSampleId :
 FB012622

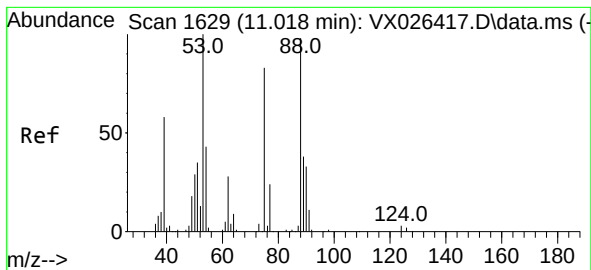
Tgt Ion:152 Resp: 68981
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.2 132.6
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.328 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026650.D
 Acq: 28 Jan 2022 14:49

Tgt Ion: 75 Resp: 39987
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.762 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026650.D
 Acq: 28 Jan 2022 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 FB012622

Tgt Ion: 75 Resp: 39987
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

