

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032006.D
 Acq On : 10 Oct 2022 12:48
 Operator : JC/MD
 Sample : N4937-21RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-093022

Quant Time: Oct 11 05:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

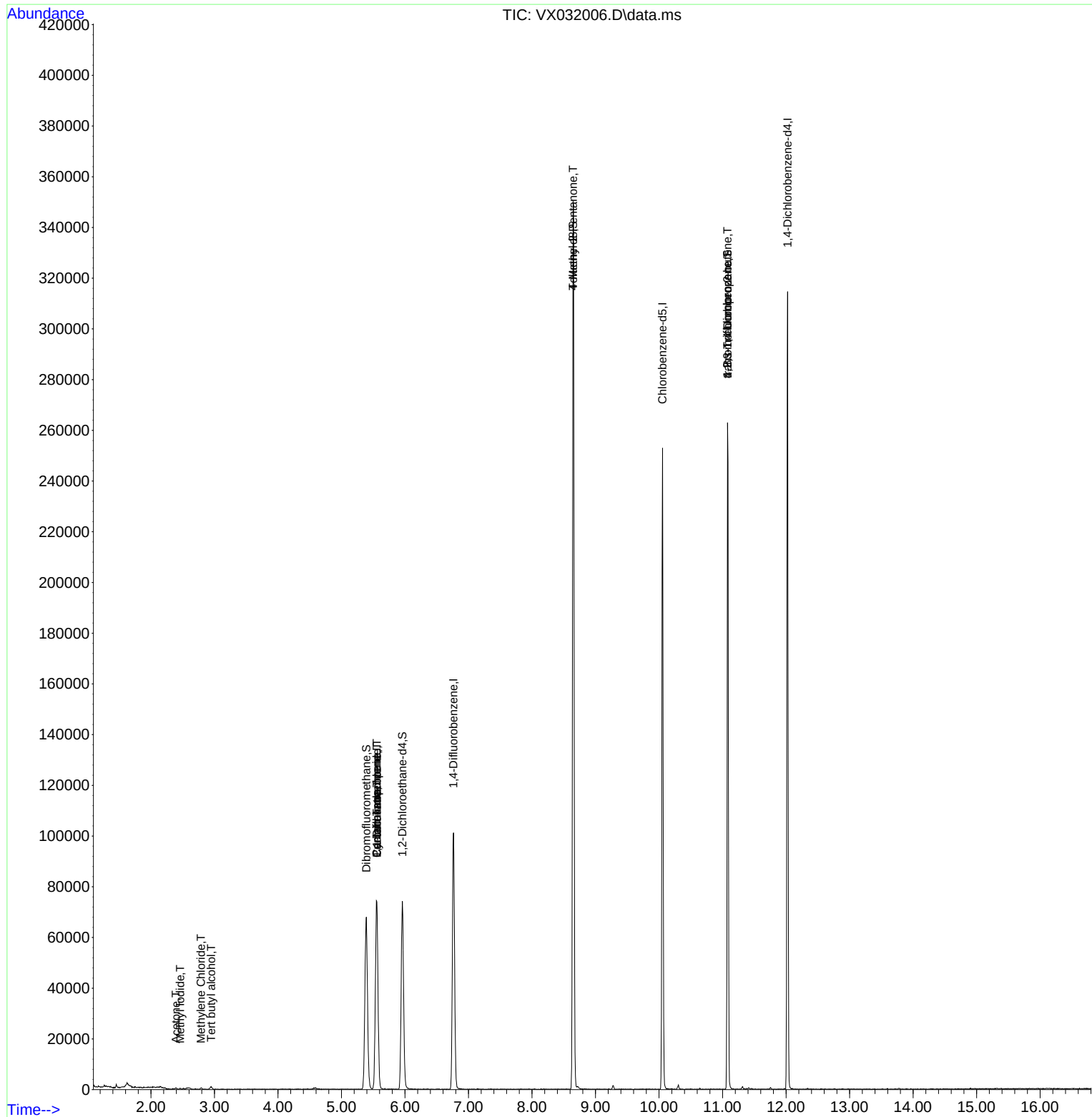
Internal Standards						
1) Pentafluorobenzene	5.556	168	70742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68917	47.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.340%		
35) Dibromofluoromethane	5.391	113	56992	47.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	210979	48.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.079	95	67059	43.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.800%		
Target Compounds			Qvalue			
5) Bromomethane	1.624	94	264	Below Cal		85
10) Methyl Iodide	2.459	142	281	2.978 ug/l #		72
11) Tert butyl alcohol	2.947	59	627	3.449 ug/l #		73
16) Acetone	2.392	43	514	1.035 ug/l #		73
20) Methylene Chloride	2.788	84	265	0.203 ug/l #		61
31) Cyclohexane	5.556	56	1770	1.014 ug/l #		48
36) 1,1-Dichloropropene	5.556	75	5381	3.380 ug/l #		49
38) Carbon Tetrachloride	5.556	117	7149	4.391 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	1082	0.718 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	36327	28.203 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	36327	96.479 ug/l #		11

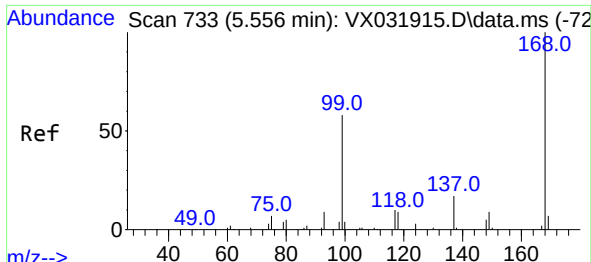
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 05:09:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

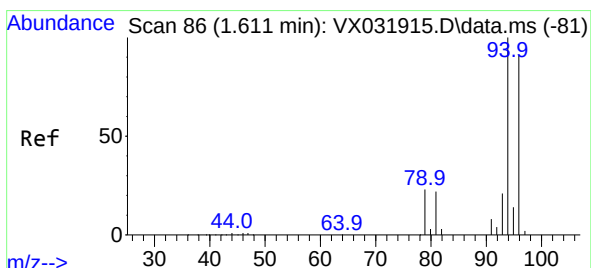
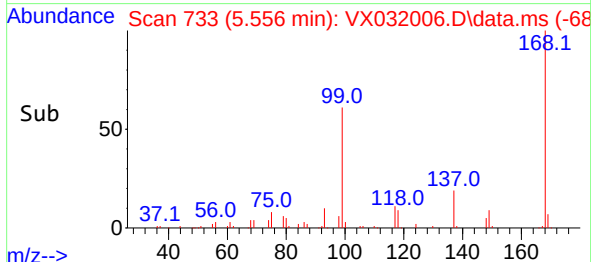
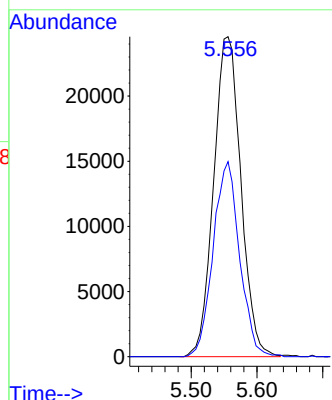
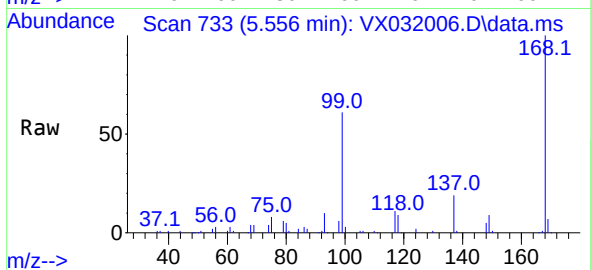




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

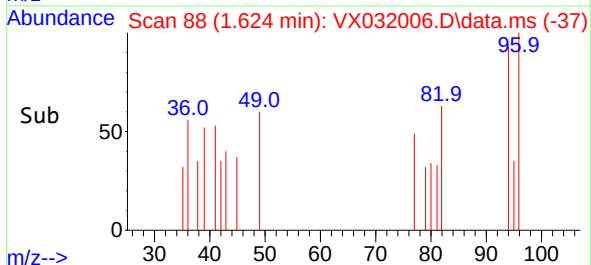
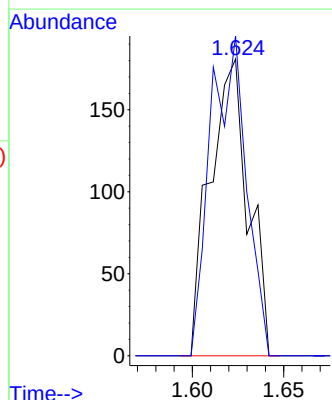
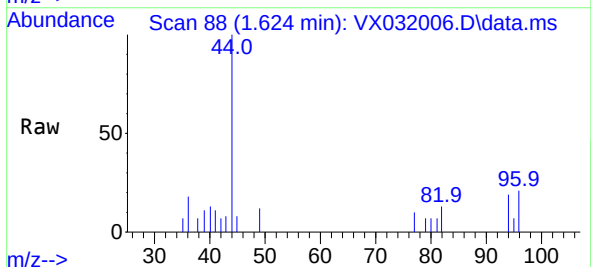
Instrument :
MSVOA_X
ClientSampleId :
TB-093022

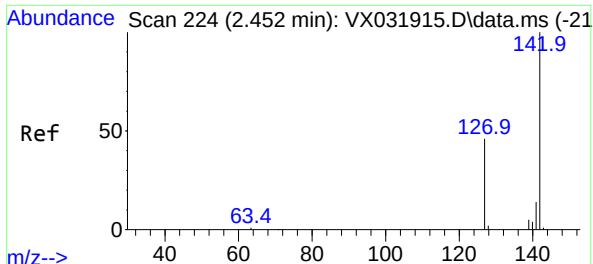
Tgt Ion:168 Resp: 70742
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

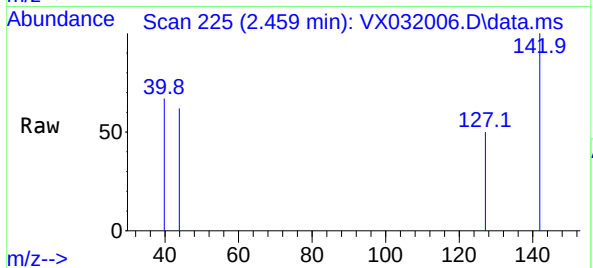
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 107.7 74.4 111.6



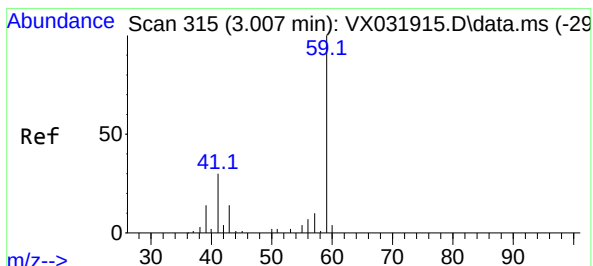
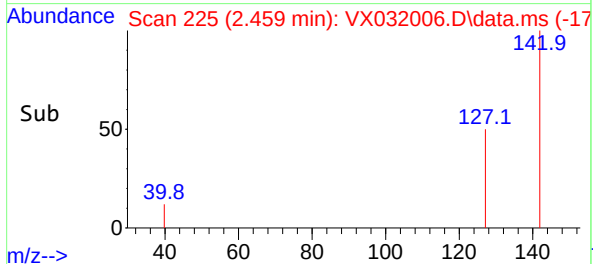
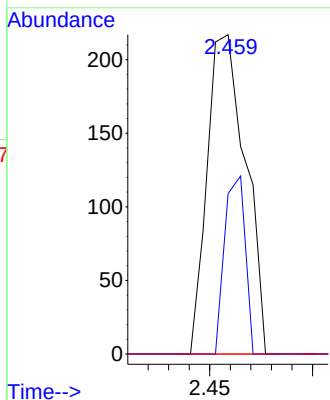


#10
Methyl Iodide
Concen: 2.978 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

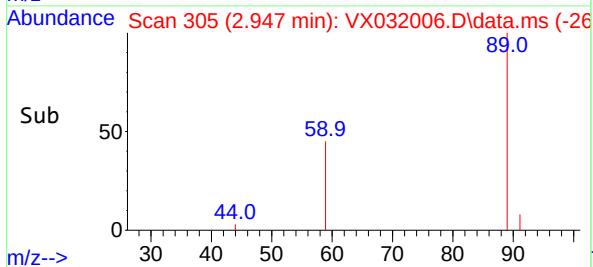
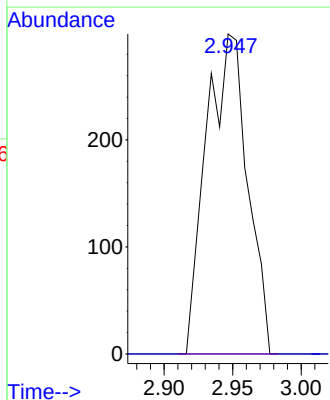
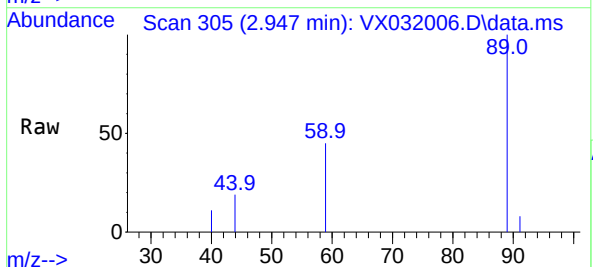


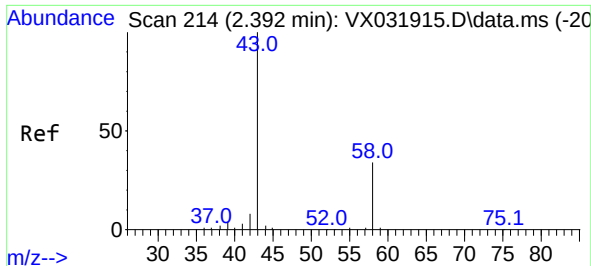
Tgt Ion:142 Resp: 281
Ion Ratio Lower Upper
142 100
127 29.9 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.449 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

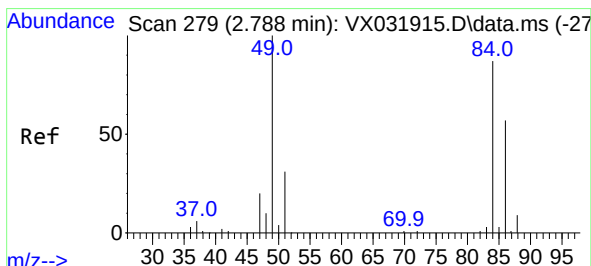
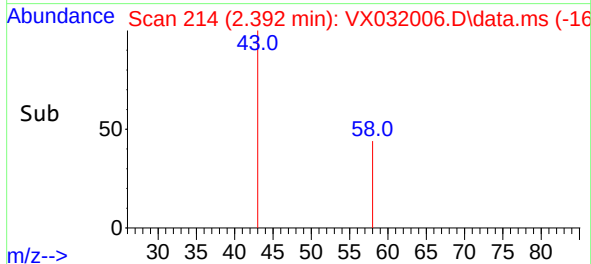
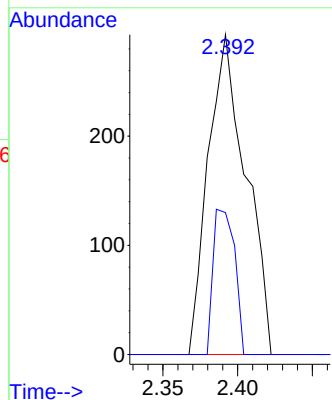
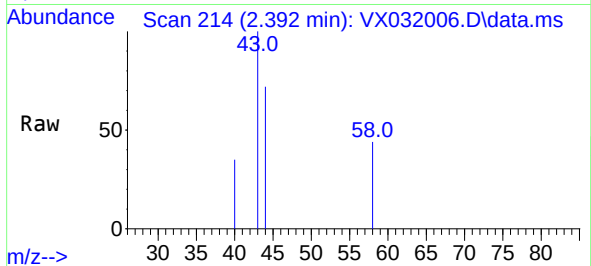




#16
Acetone
Concen: 1.035 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

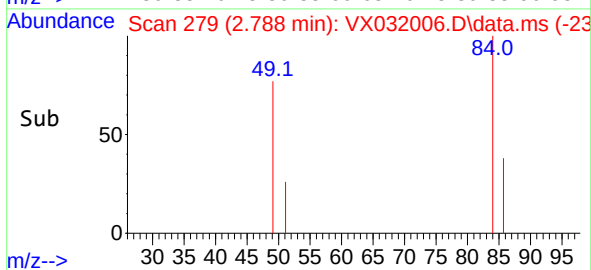
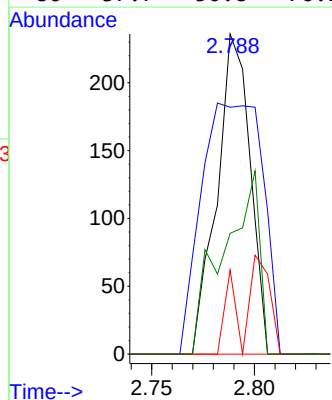
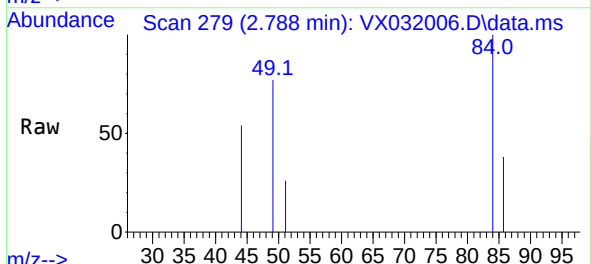
Instrument :
MSVOA_X
ClientSampleId :
TB-093022

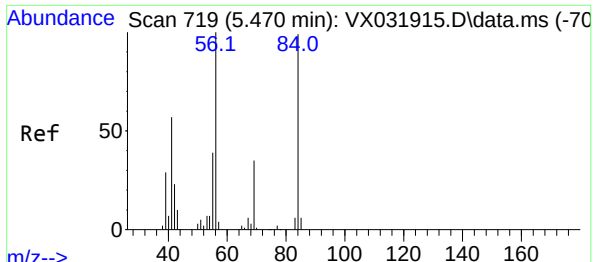
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 44.4 23.8 35.8#



#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

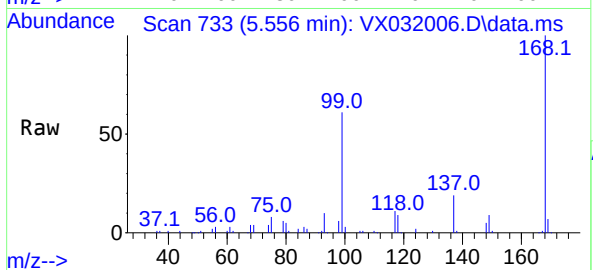
Tgt Ion: 84 Resp: 265
Ion Ratio Lower Upper
84 100
49 77.1 105.9 158.9#
51 26.3 32.2 48.2#
86 37.7 50.8 76.2#



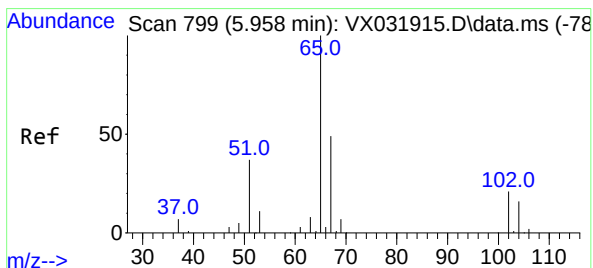
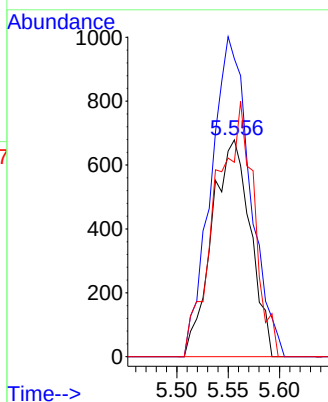
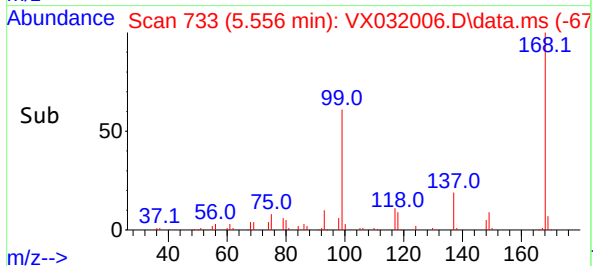


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

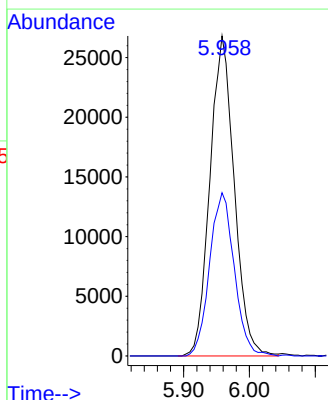
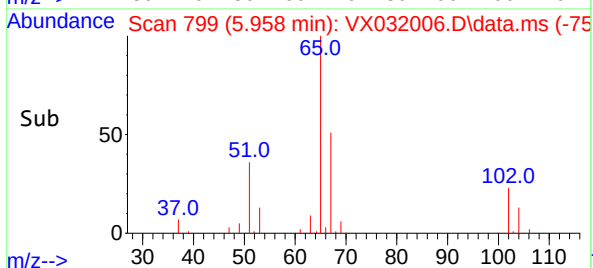
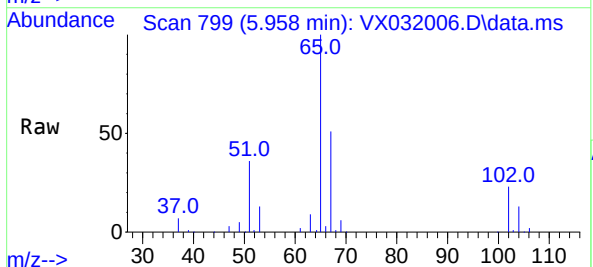


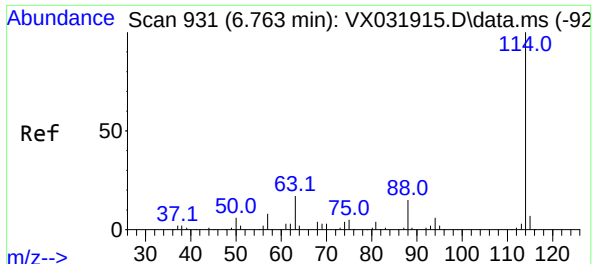
Tgt Ion: 56 Resp: 1770
Ion Ratio Lower Upper
56 100
69 137.4 25.1 37.7#
84 89.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 47.172 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 65 Resp: 68917
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

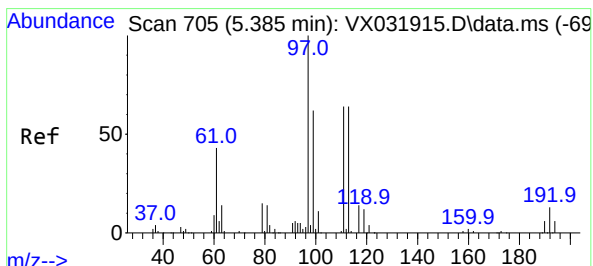
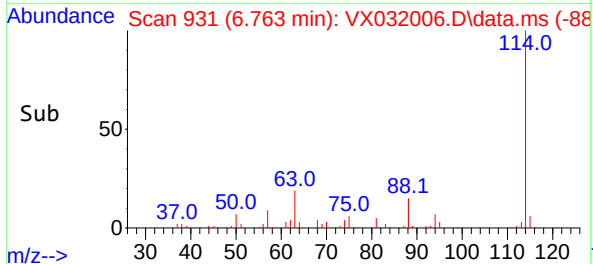
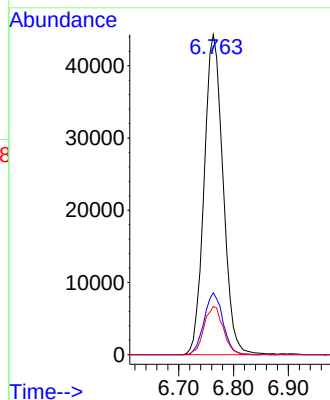
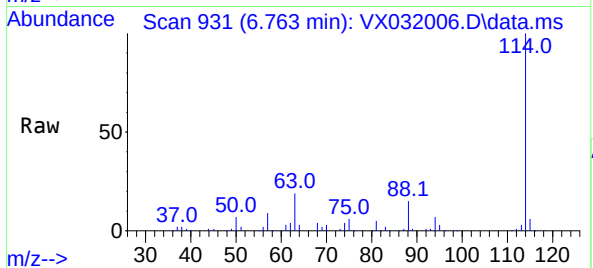




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

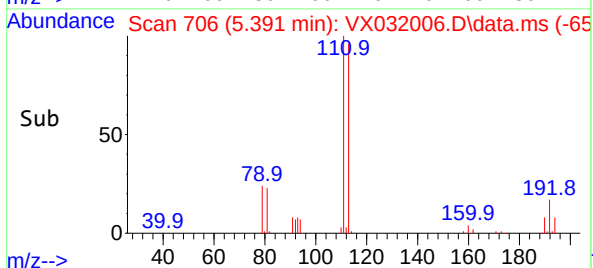
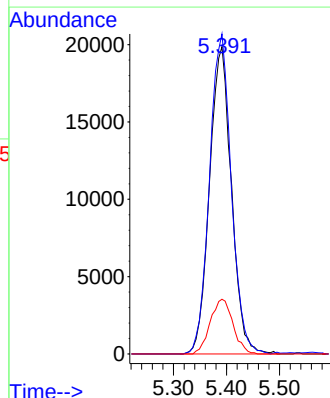
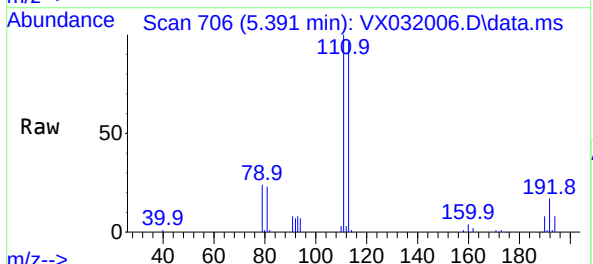
Instrument :
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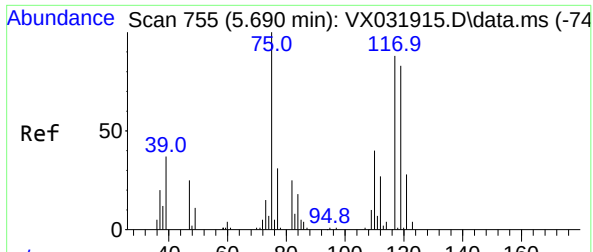
Tgt Ion:114 Resp: 106072
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.467 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

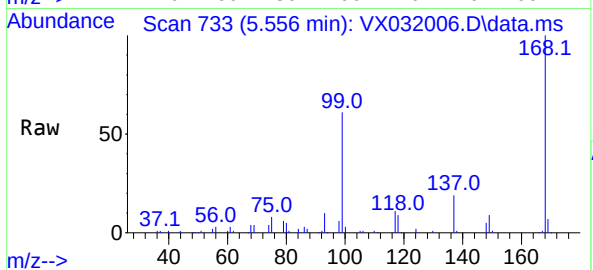
Tgt Ion:113 Resp: 56992
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 18.5 14.1 21.1



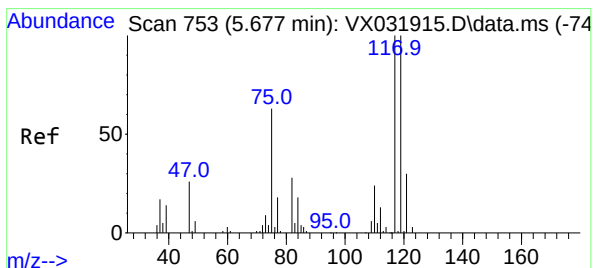
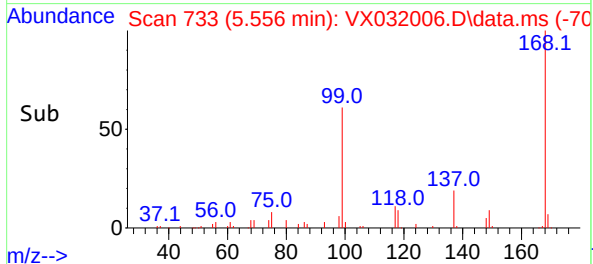
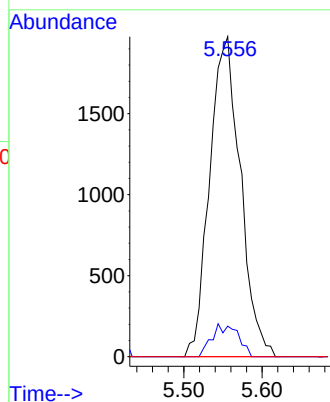


#36
1,1-Dichloropropene
Concen: 3.380 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

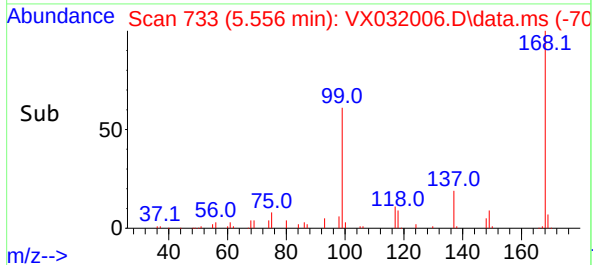
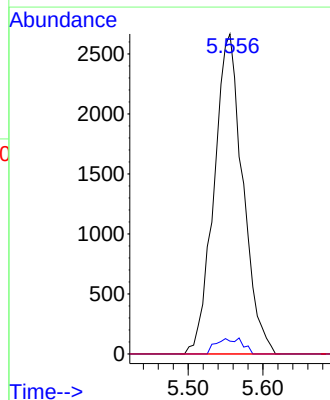
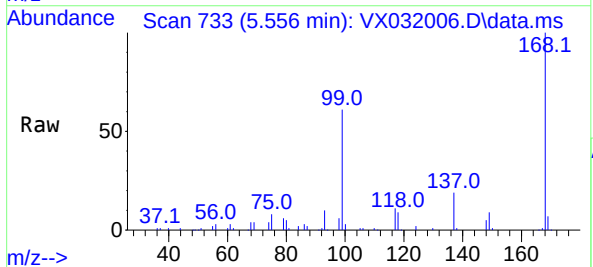


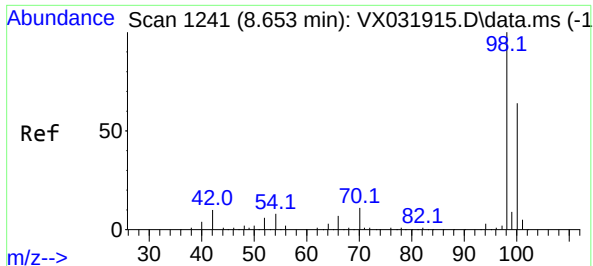
Tgt Ion: 75 Resp: 5381
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.391 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 117 Resp: 7149
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#

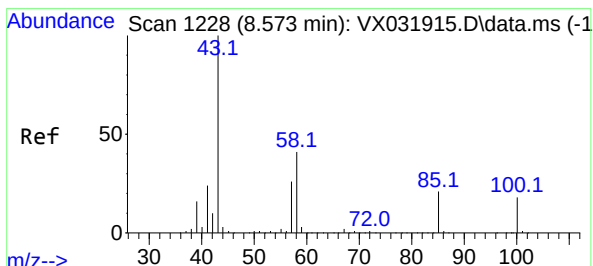
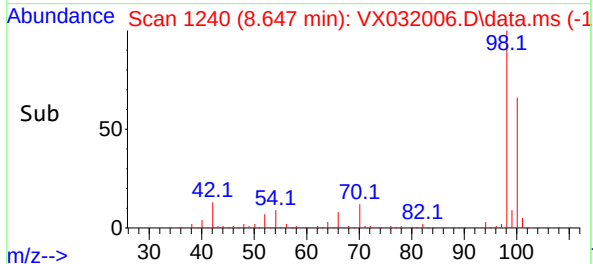
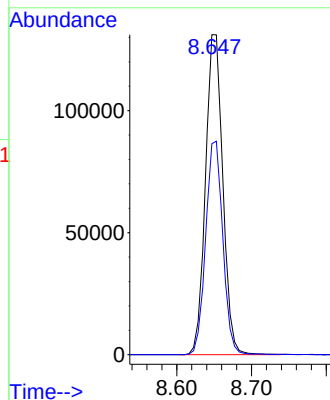
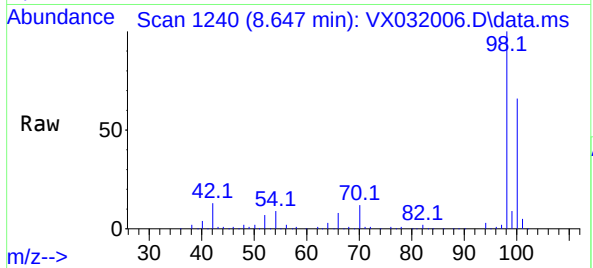




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

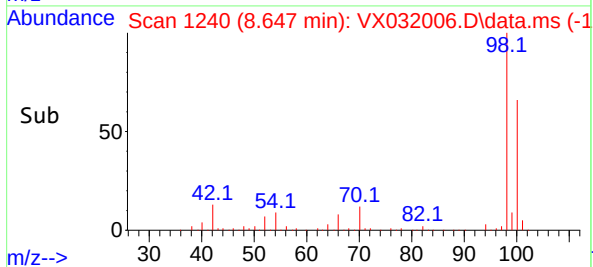
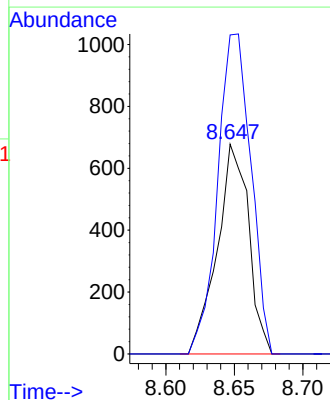
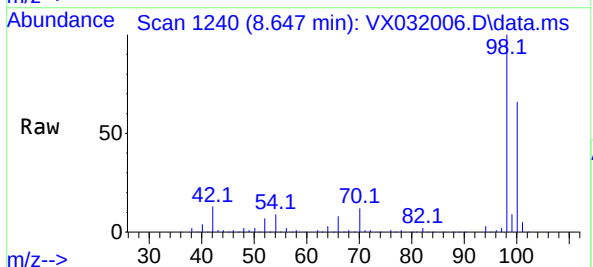
Instrument :
MSVOA_X
ClientSampleId :
TB-093022

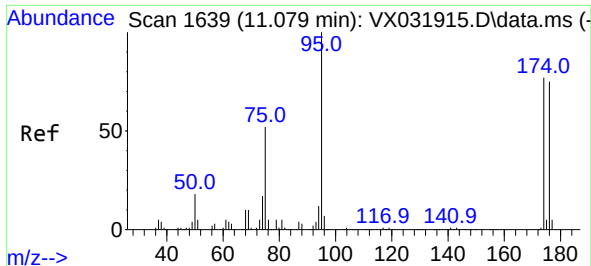
Tgt Ion: 98 Resp: 210979
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 161.2 30.6 46.0#

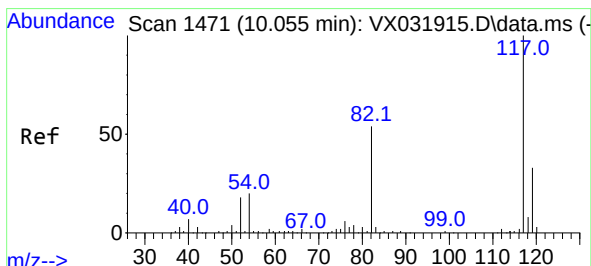
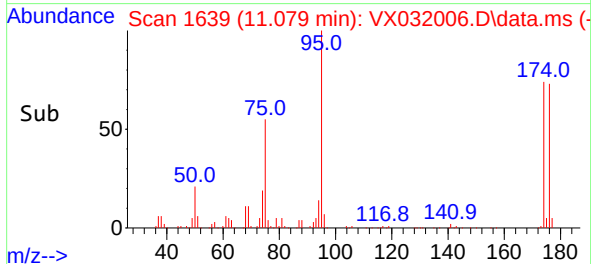
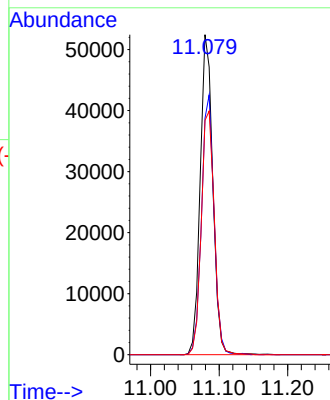
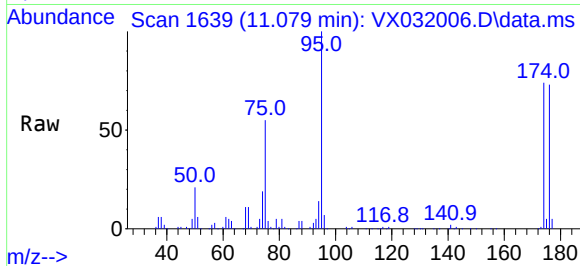




#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

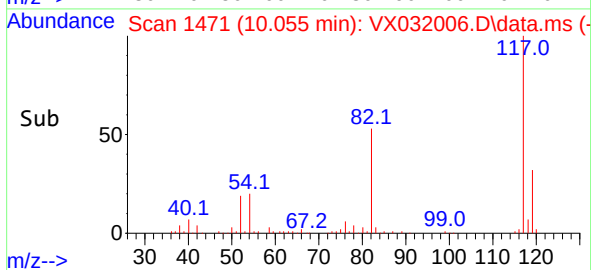
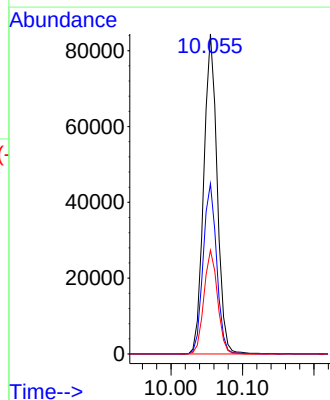
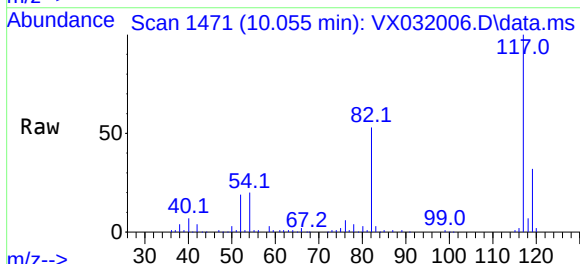
Instrument :
MSVOA_X
ClientSampleId :
TB-093022

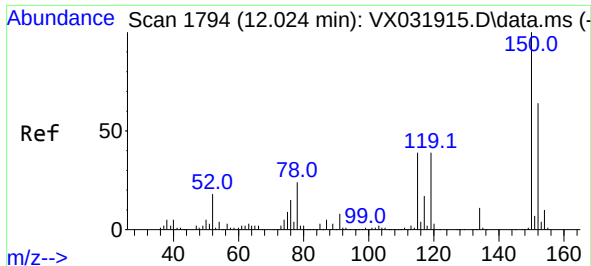
Tgt Ion: 95 Resp: 67059
Ion Ratio Lower Upper
95 100
174 80.4 0.0 153.2
176 78.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 117 Resp: 110200
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 32.4 26.4 39.6

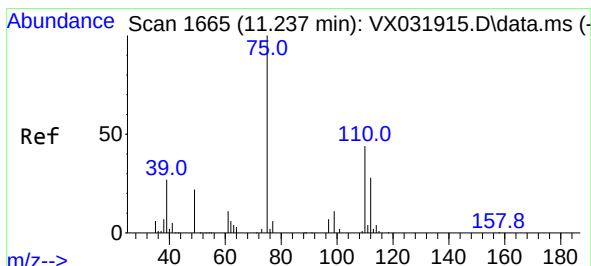
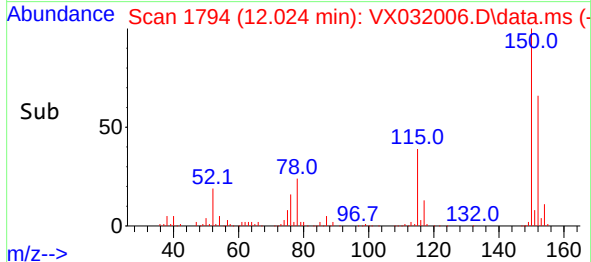
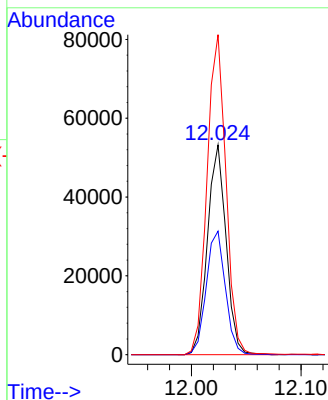
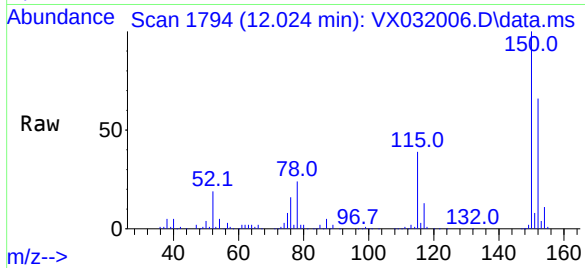




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

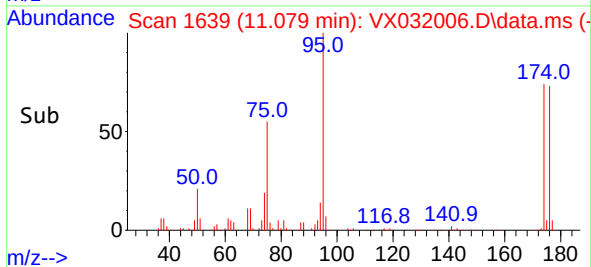
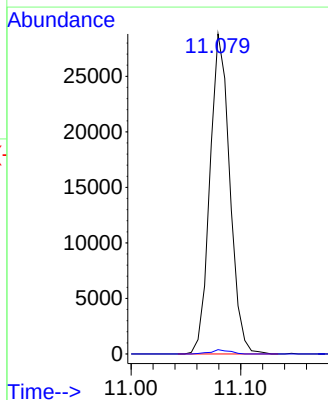
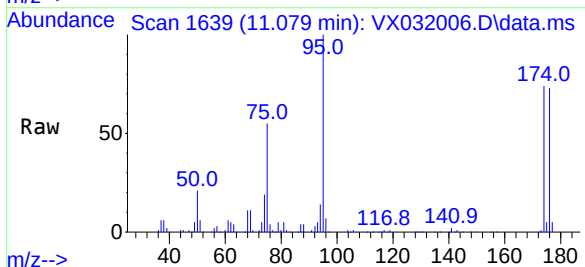
Instrument :
MSVOA_X
ClientSampleId :
TB-093022

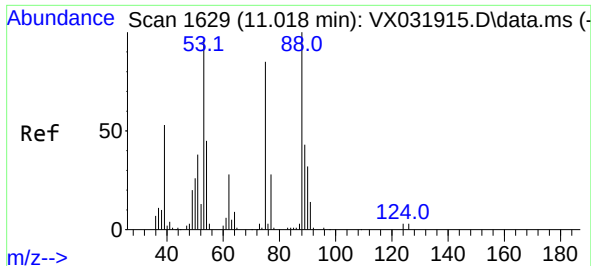
Tgt Ion:152 Resp: 62847
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 154.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032006.D
Acq: 10 Oct 2022 12:48

Tgt Ion: 75 Resp: 36327
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.479 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032006.D
 Acq: 10 Oct 2022 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-093022

Tgt Ion: 75 Resp: 36327
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

