

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043612.D
 Acq On : 30 Oct 2024 10:22
 Operator : JC/MD
 Sample : VX1030WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBL01

Quant Time: Oct 31 09:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

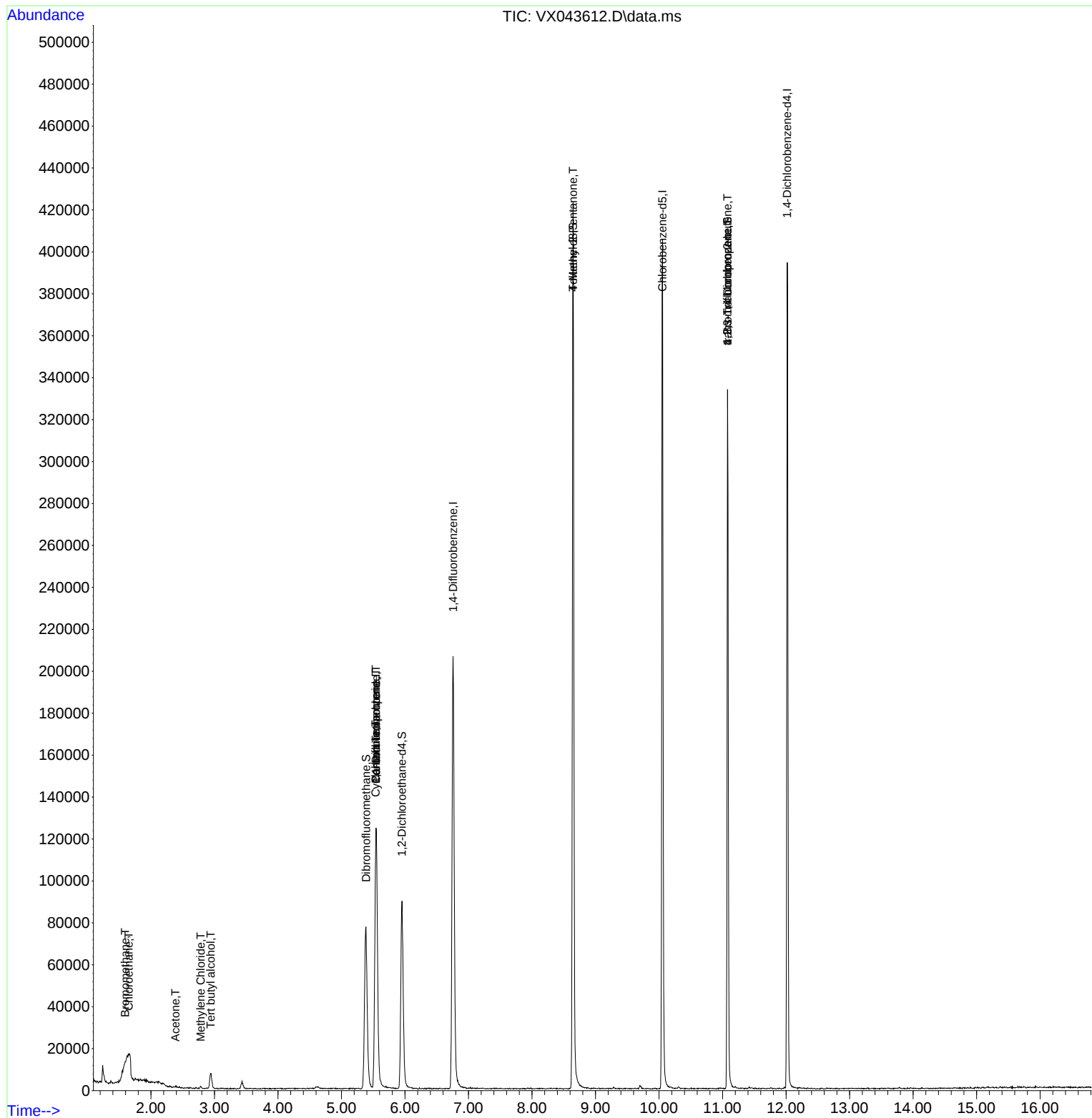
Internal Standards						
1) Pentafluorobenzene	5.544	168	124305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86399	43.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	5.385	113	70244	45.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	8.647	98	266605	49.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	93954	47.081	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	260	0.404	ug/l #	27
6) Chloroethane	1.648	64	116	0.209	ug/l	92
11) Tert butyl alcohol	2.941	59	4171	11.274	ug/l #	100
16) Acetone	2.386	43	770	0.978	ug/l #	43
20) Methylene Chloride	2.782	84	434	0.256	ug/l #	89
31) Cyclohexane	5.538	56	2634	1.259	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	9693	5.254	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12826	6.292	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1159	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45968	24.624	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	45968	67.742	ug/l #	7

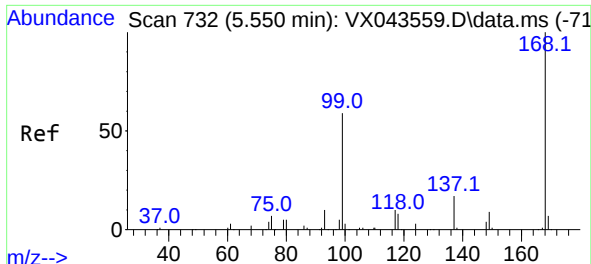
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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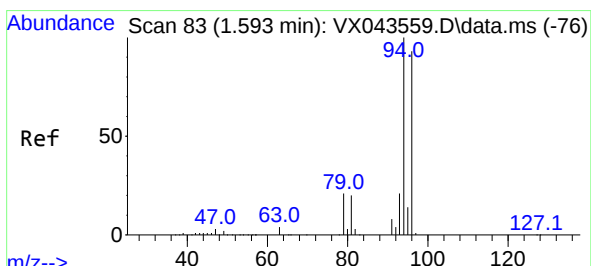
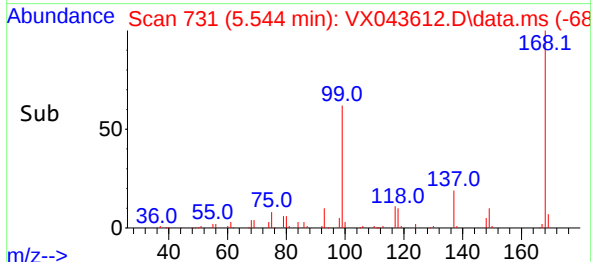
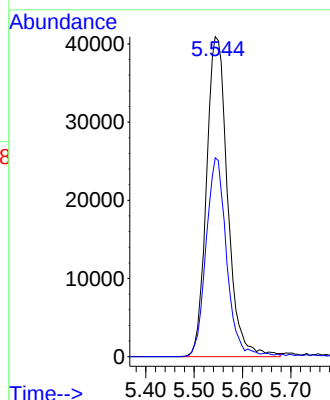
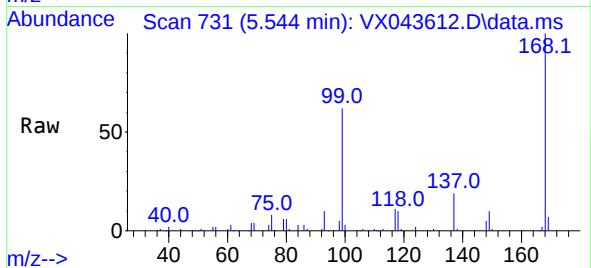




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

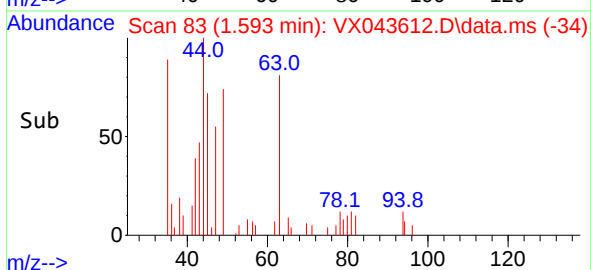
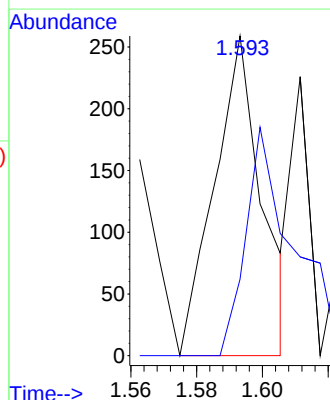
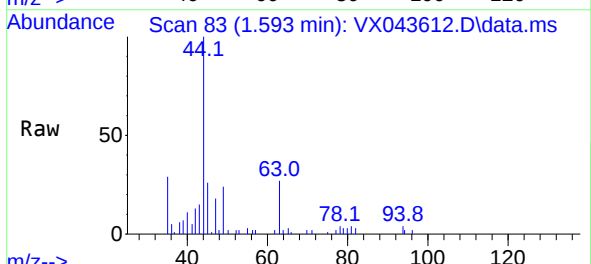
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

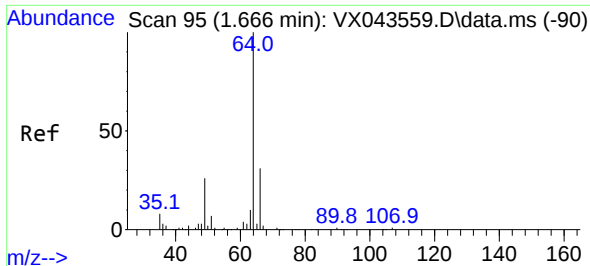
Tgt Ion:168 Resp: 124305
Ion Ratio Lower Upper
168 100
99 62.2 52.6 78.8



#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 23.9 75.9 113.9#

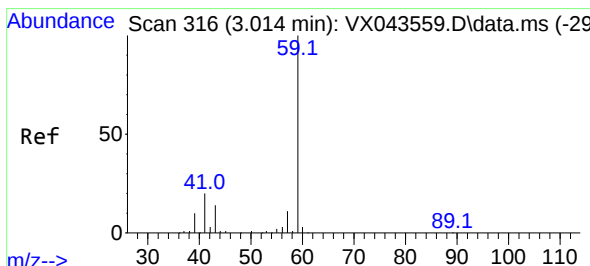
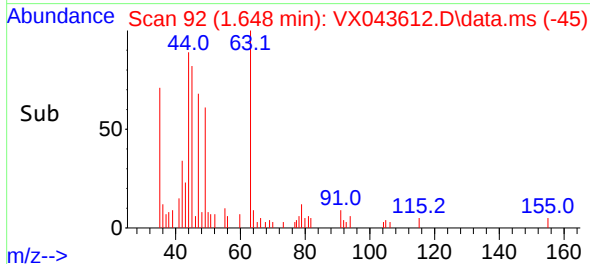
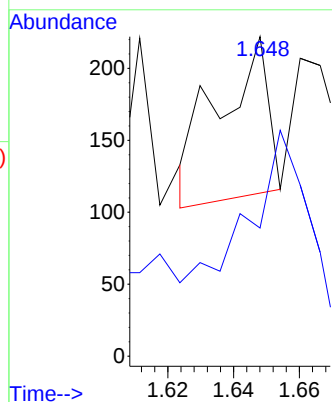
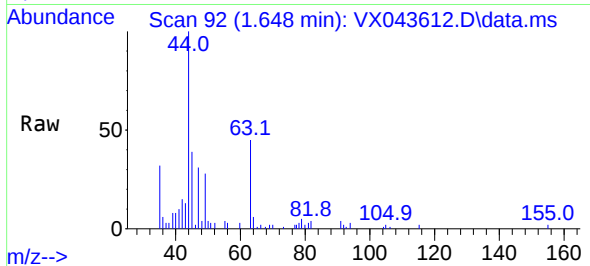




#6
Chloroethane
Concen: 0.209 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

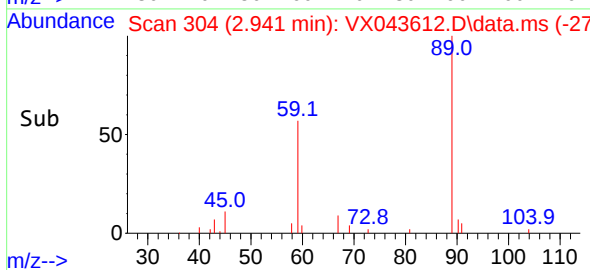
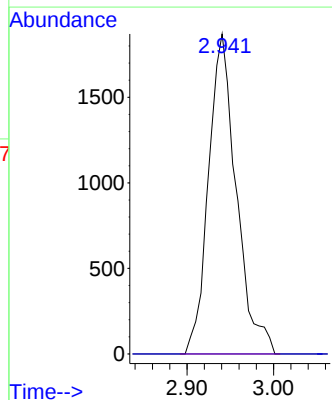
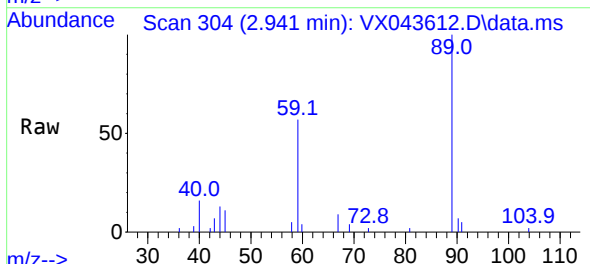
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

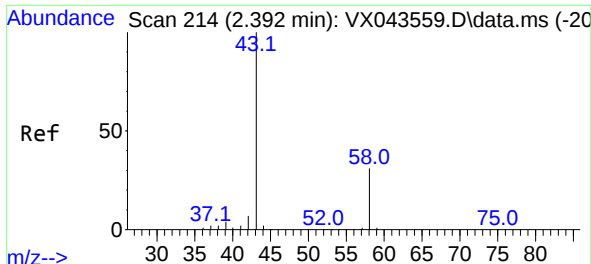
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 35.8 25.1 37.7



#11
Tert butyl alcohol
Concen: 11.274 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.109 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 59 Resp: 4171
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

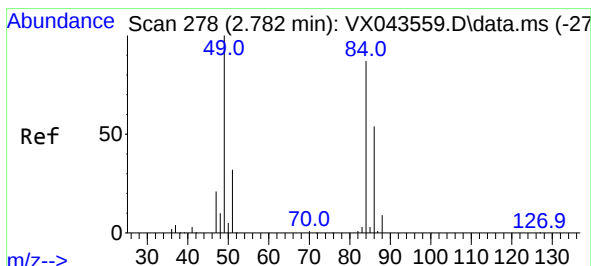
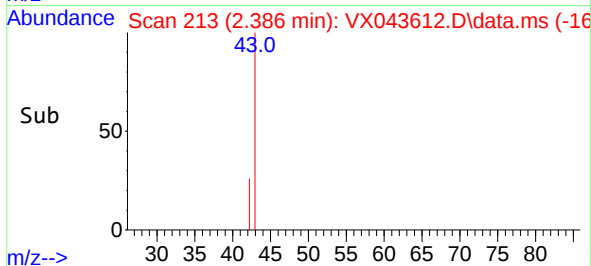
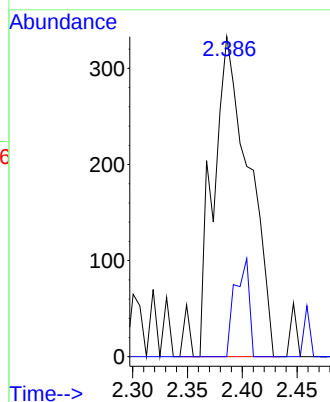
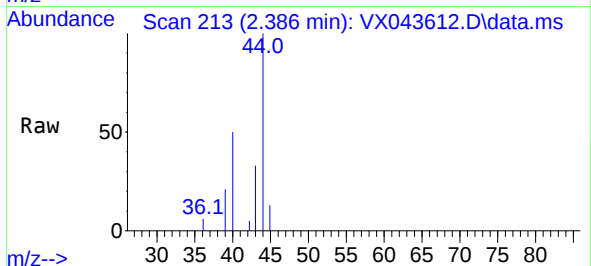




#16
Acetone
Concen: 0.978 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

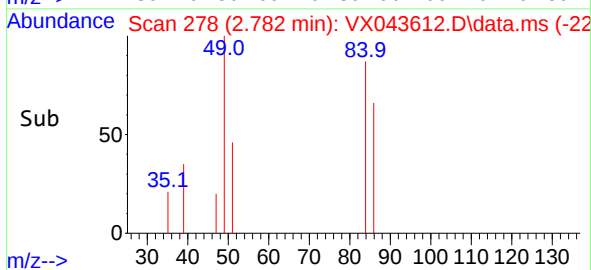
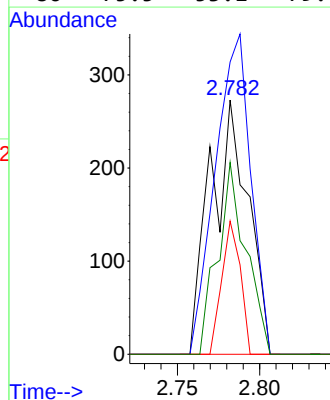
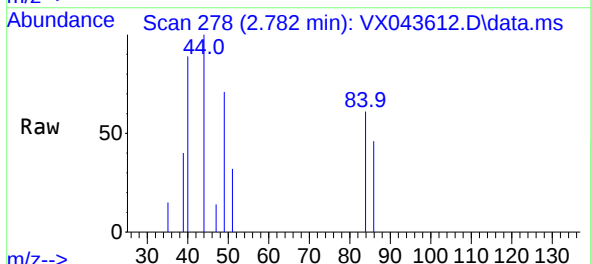
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

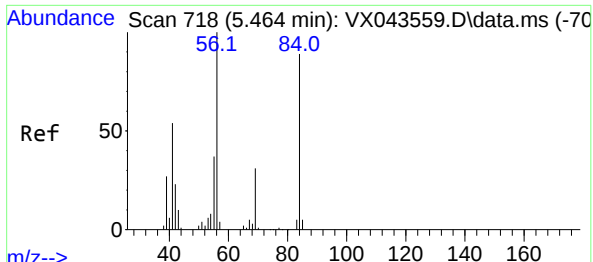
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

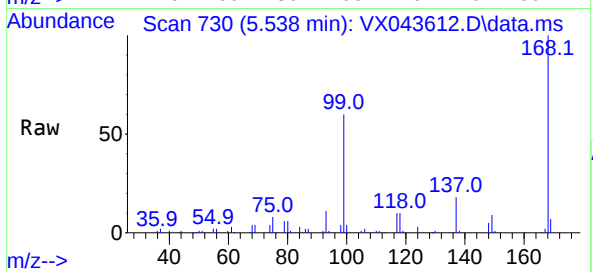
Tgt Ion: 84 Resp: 434
Ion Ratio Lower Upper
84 100
49 115.0 97.0 145.6
51 52.4 29.8 44.8#
86 75.5 53.1 79.7



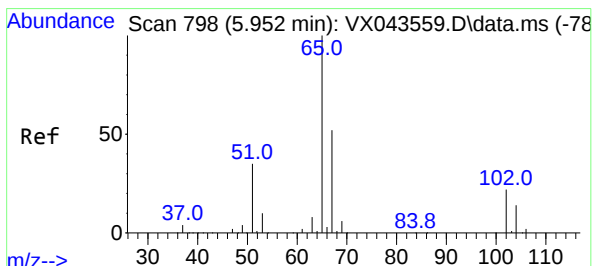
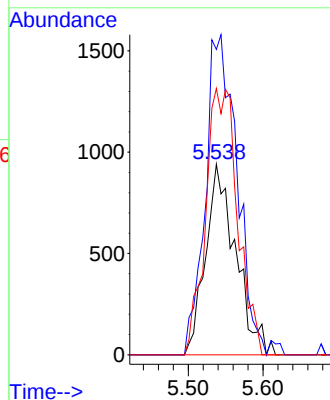
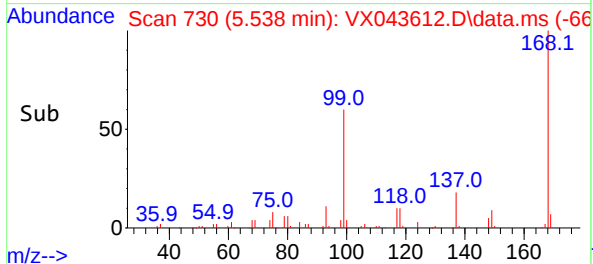


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

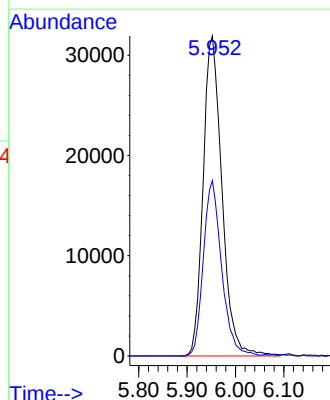
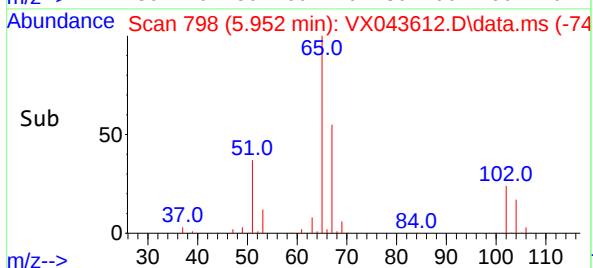
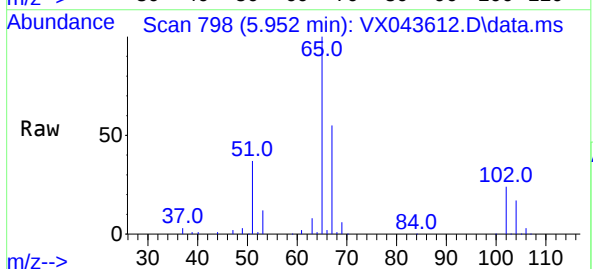


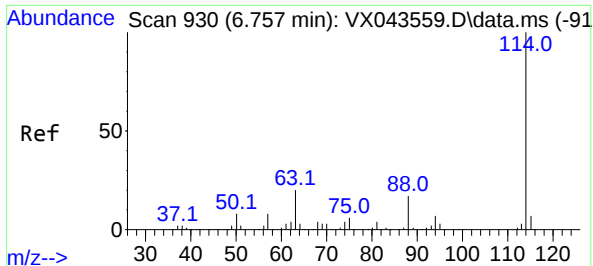
Tgt Ion: 56 Resp: 2634
Ion Ratio Lower Upper
56 100
69 160.3 24.9 37.3#
84 139.9 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 43.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 65 Resp: 86399
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4

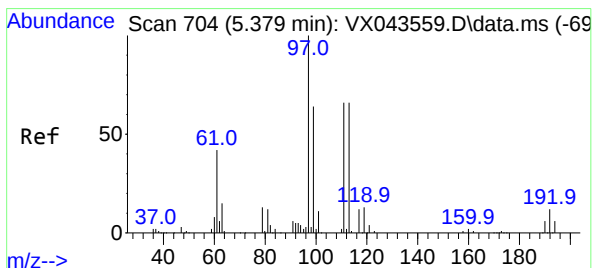
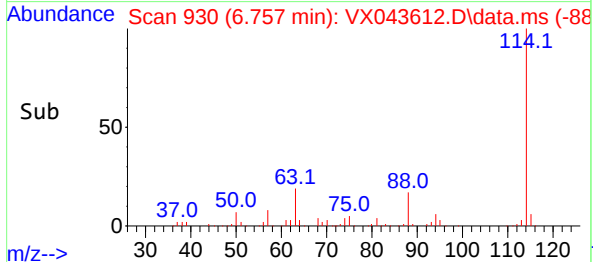
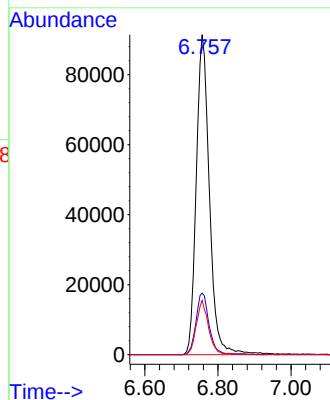
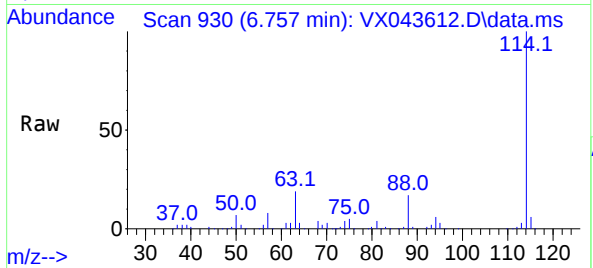




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

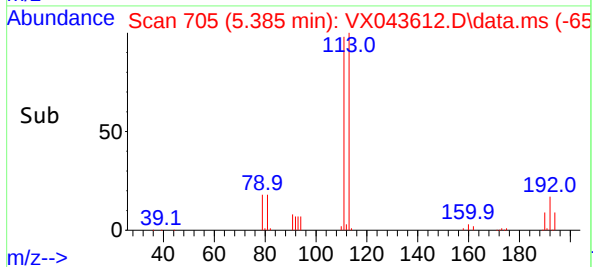
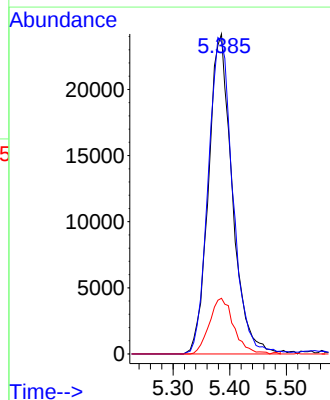
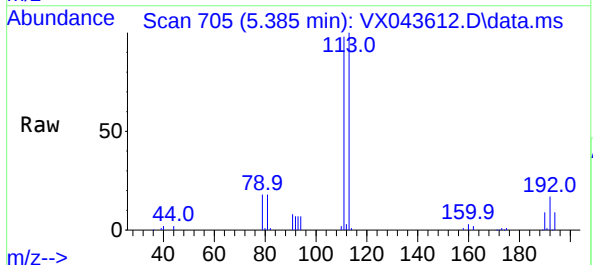
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

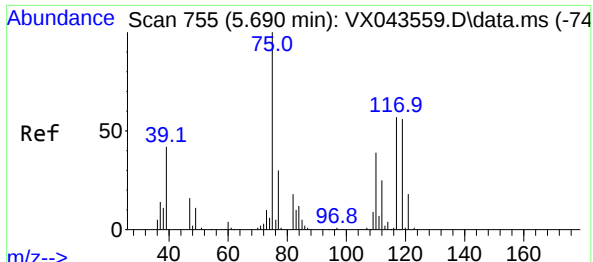
Tgt Ion:114 Resp: 229429
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.2
88 17.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

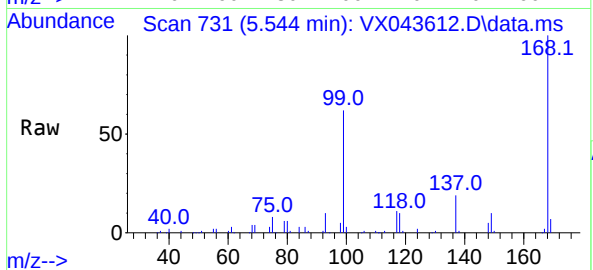
Tgt Ion:113 Resp: 70244
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 17.8 14.1 21.1



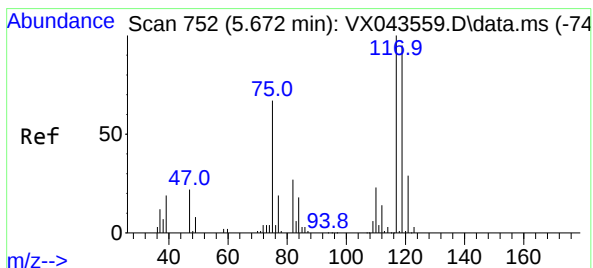
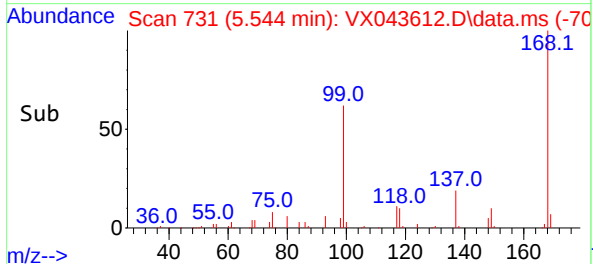
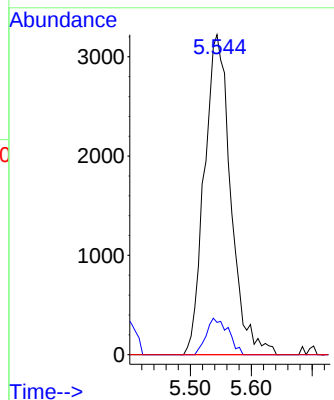


#36
1,1-Dichloropropene
Concen: 5.254 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

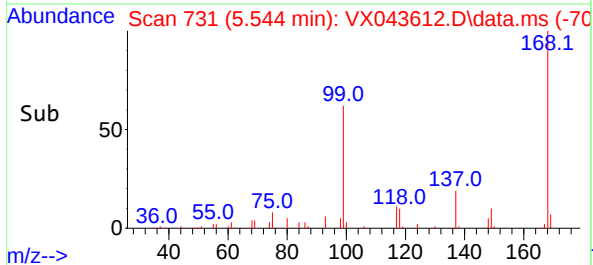
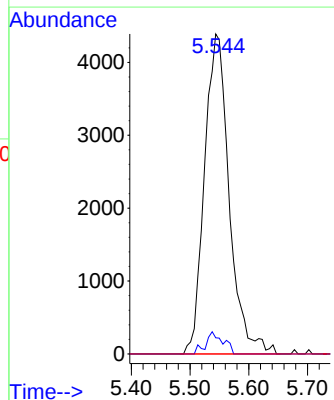
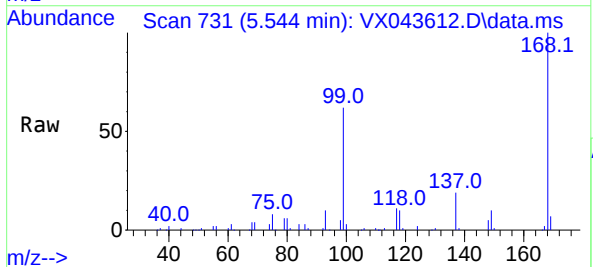


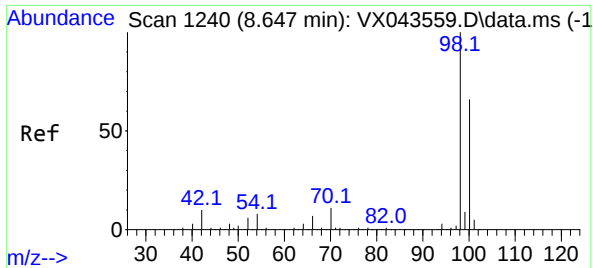
Tgt Ion: 75 Resp: 9693
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.292 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 117 Resp: 12826
Ion Ratio Lower Upper
117 100
119 5.1 77.0 115.6#
121 0.0 24.7 37.1#

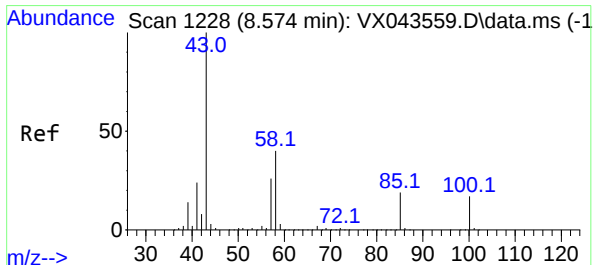
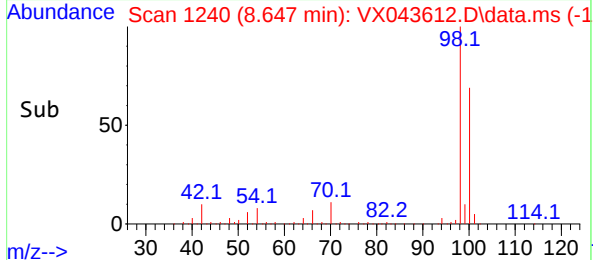
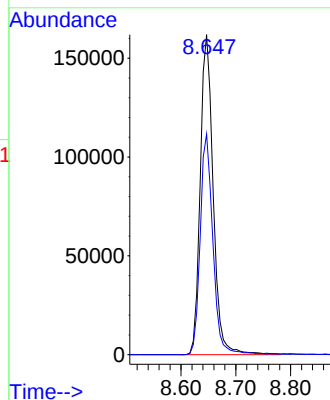
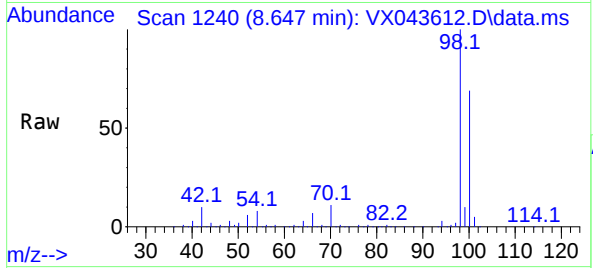




#50
Toluene-d8
Concen: 49.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

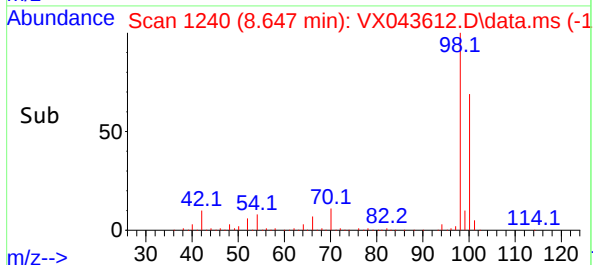
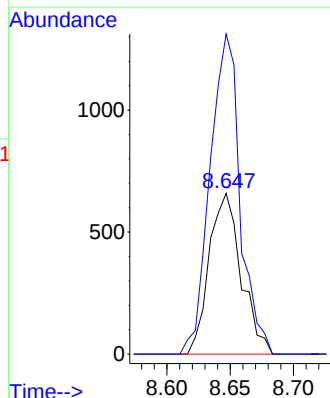
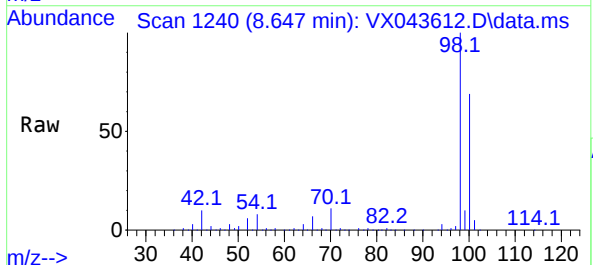
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

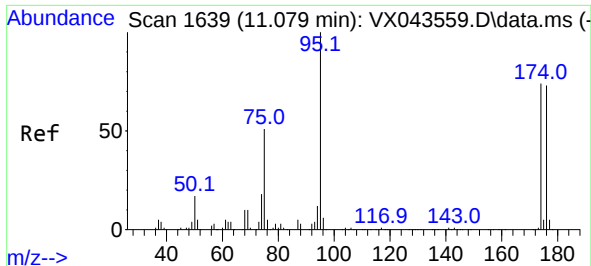
Tgt Ion: 98 Resp: 266605
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 187.1 31.7 47.5#

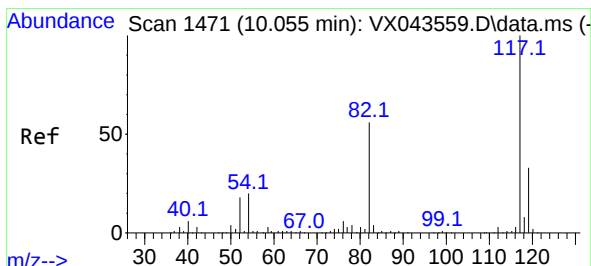
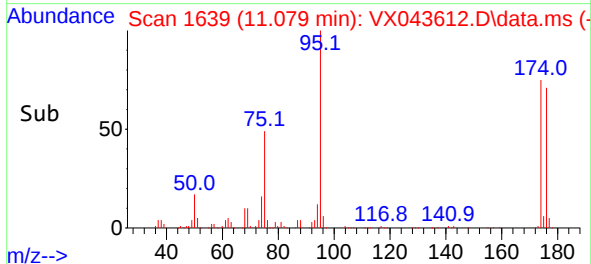
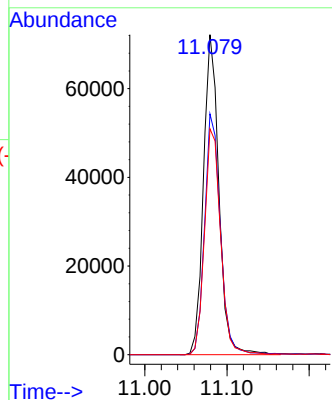
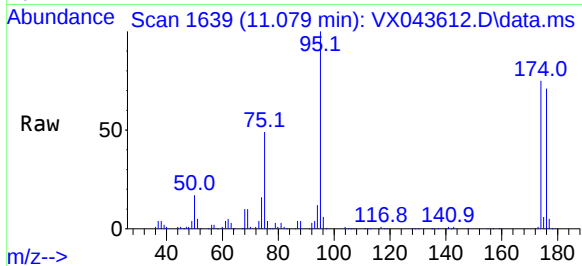




#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

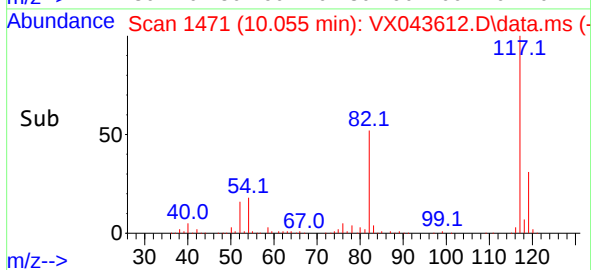
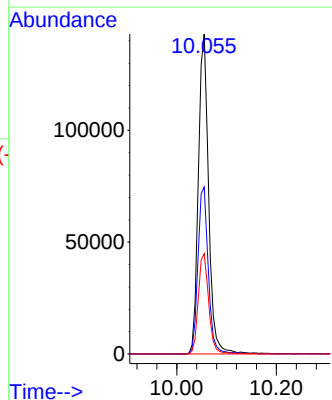
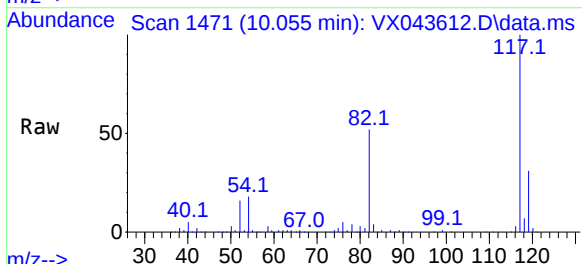
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

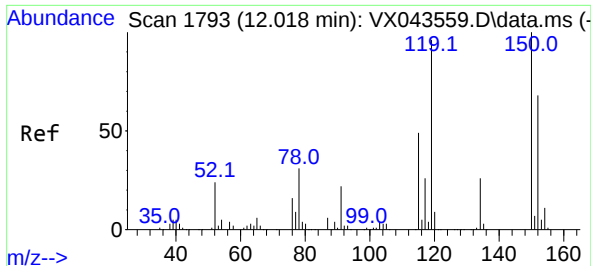
Tgt Ion: 95 Resp: 93954
Ion Ratio Lower Upper
95 100
174 77.2 0.0 146.6
176 73.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 117 Resp: 204357
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 31.3 25.4 38.2

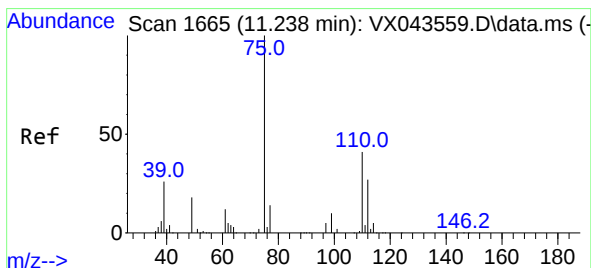
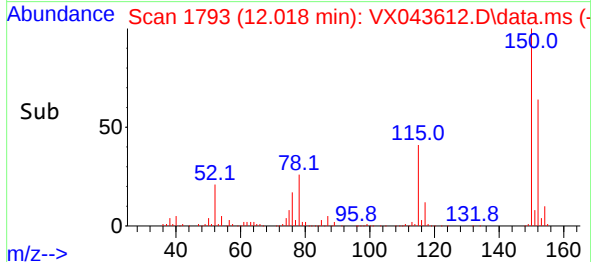
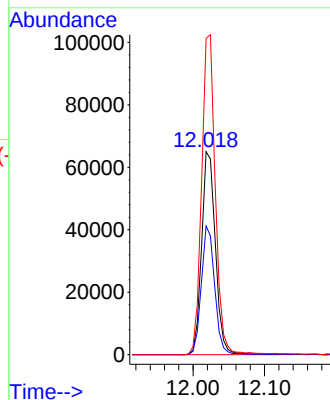
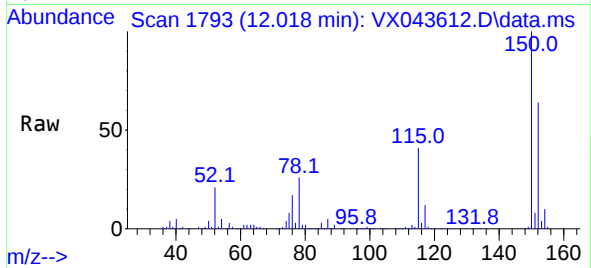




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

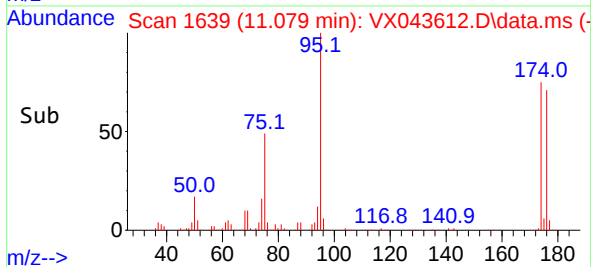
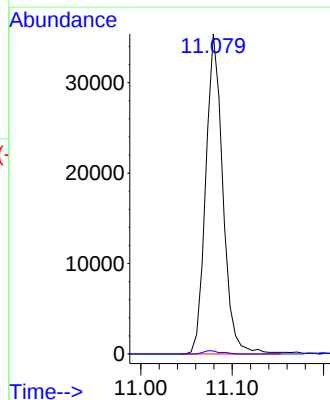
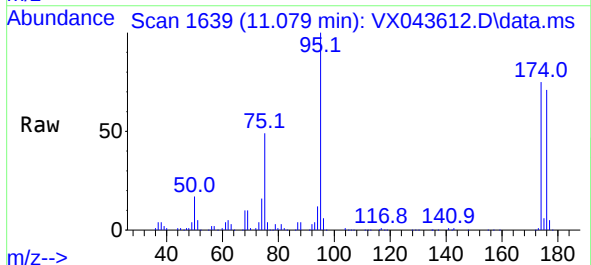
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

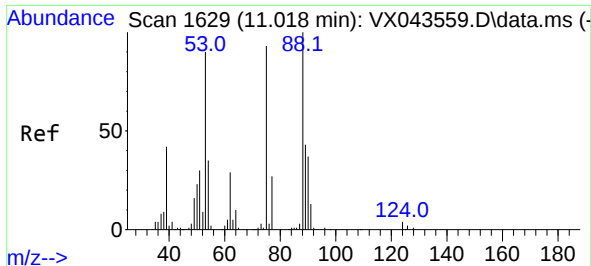
Tgt Ion:152 Resp: 87309
Ion Ratio Lower Upper
152 100
115 61.0 42.9 128.7
150 157.3 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 24.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Tgt Ion: 75 Resp: 45968
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043612.D
Acq: 30 Oct 2024 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBL01

Tgt Ion: 75 Resp: 45968
Ion Ratio Lower Upper
75 100
53 0.1 84.6 126.8#
89 0.0 38.6 58.0#

