

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024589.D
 Acq On : 05 Oct 2021 23:28
 Operator : JC/MD
 Sample : VX1005WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBL02

Quant Time: Oct 06 06:52:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

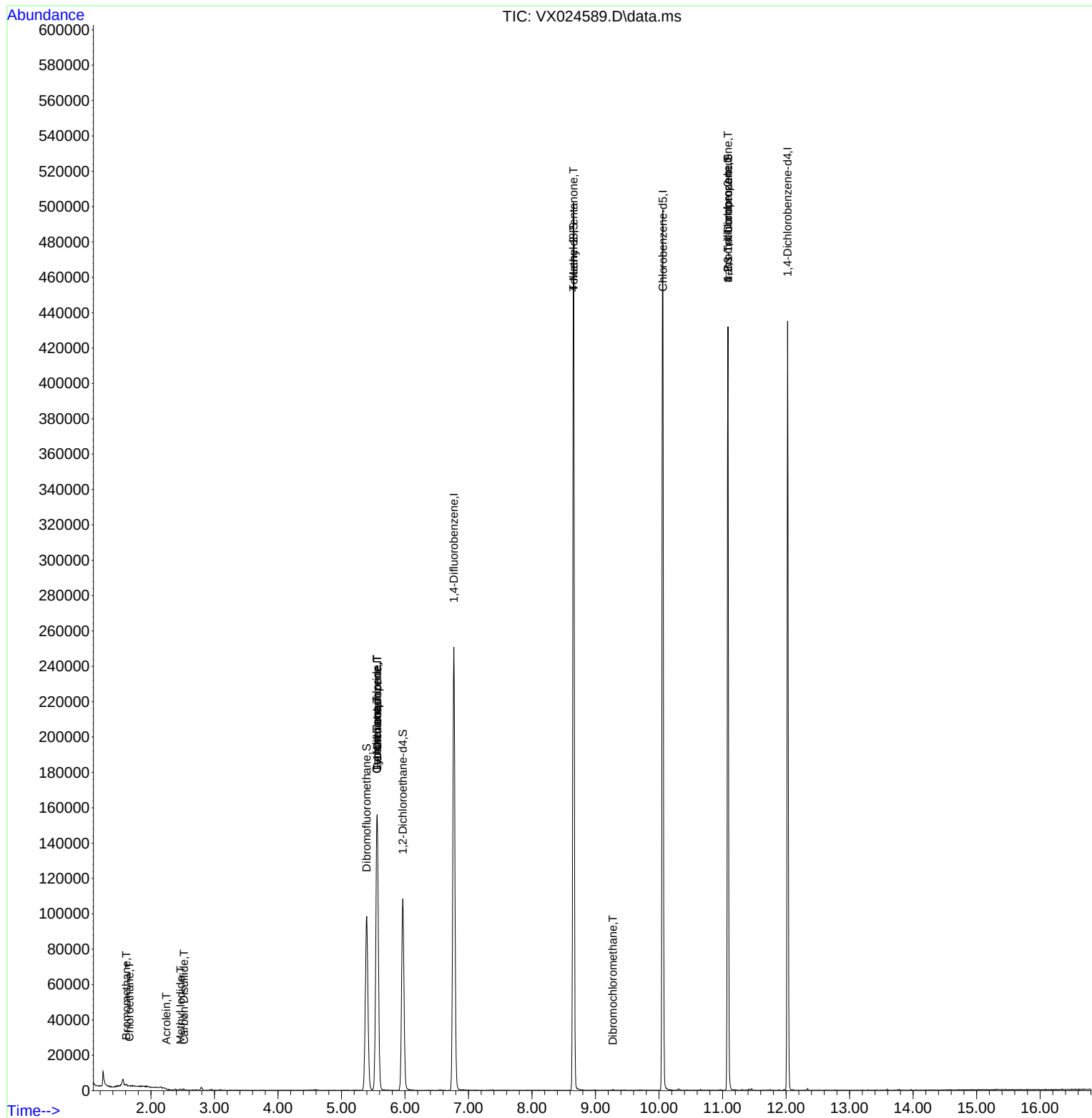
Internal Standards						
1) Pentafluorobenzene	5.562	168	151456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	236498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108501	50.830	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.660%			
35) Dibromofluoromethane	5.397	113	85081	52.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.653	98	287609	47.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.085	95	112481	47.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.220%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	420	0.415	ug/l	82
6) Chloroethane	1.660	64	268	0.525	ug/l #	43
10) Methyl Iodide	2.465	142	671	0.321	ug/l #	89
11) Tert butyl alcohol	2.953	59	281	Below Cal	#	73
13) Acrolein	2.239	56	32	10.324	ug/l	94
16) Acetone	2.392	43	530	Below Cal	#	74
17) Carbon Disulfide	2.520	76	847	0.463	ug/l #	75
20) Methylene Chloride	2.794	84	789	Below Cal	#	85
31) Cyclohexane	5.556	56	3013	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11456	4.863	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14909	5.814	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1591	0.539	ug/l #	1
60) Dibromochloromethane	9.275	129	119	1.244	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56983	28.622	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56983	77.771	ug/l #	12

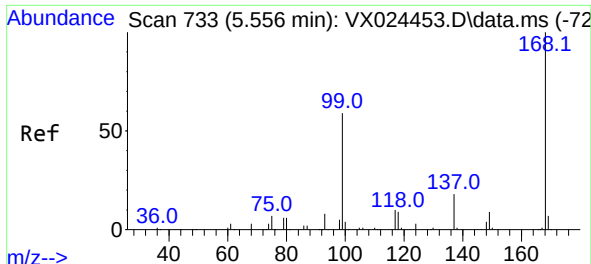
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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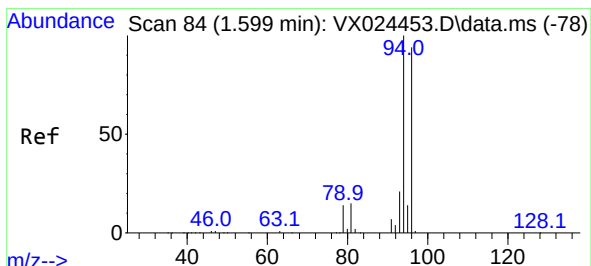
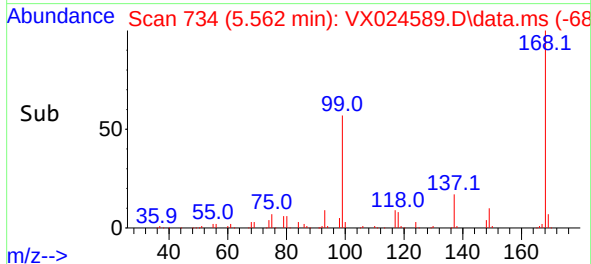
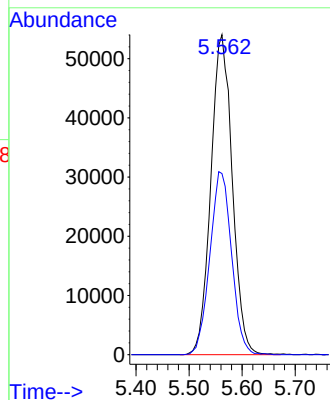
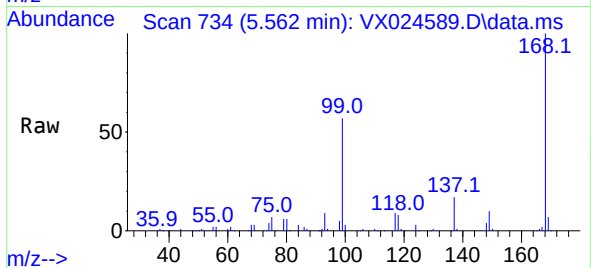




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

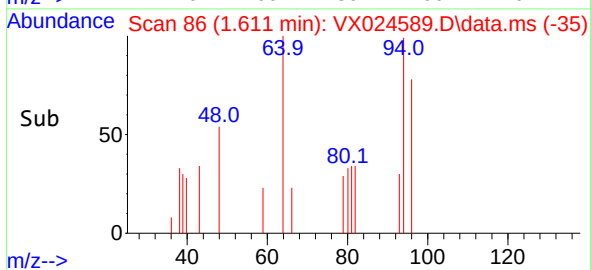
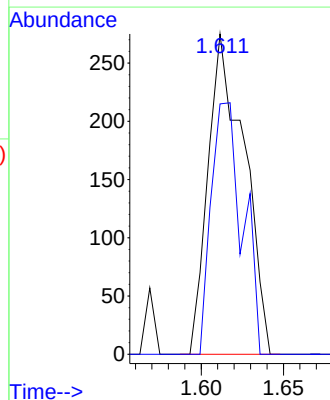
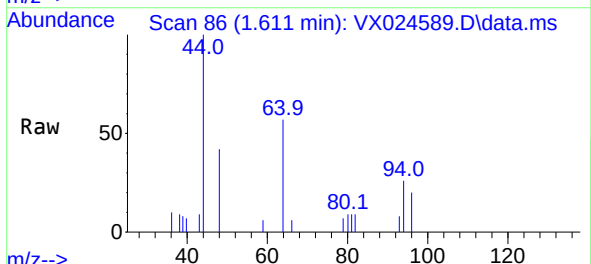
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

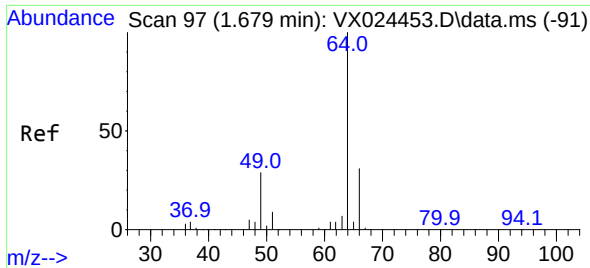
Tgt Ion:168 Resp: 151456
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#5
Bromomethane
Concen: 0.415 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 78.2 76.4 114.6

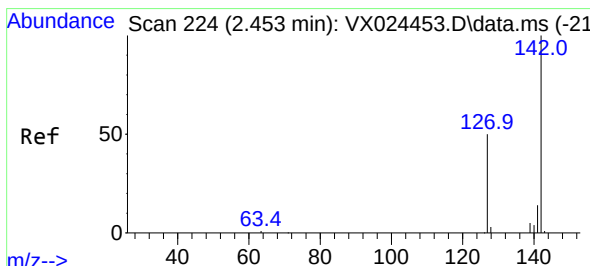
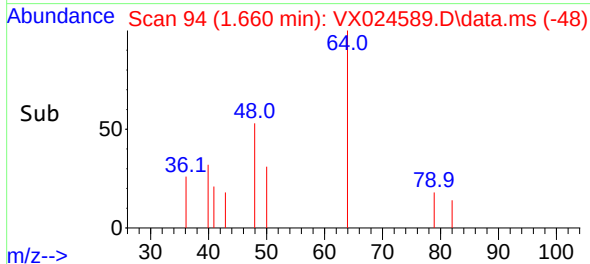
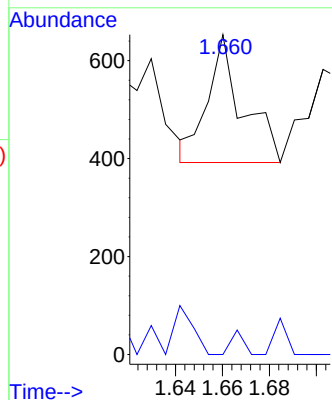
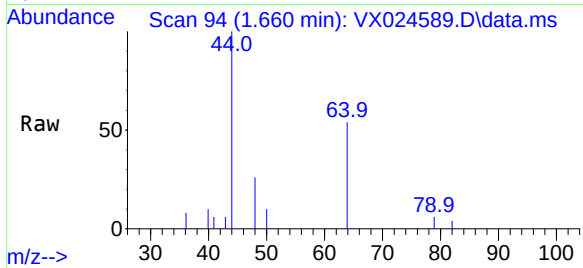




#6
Chloroethane
Concen: 0.525 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

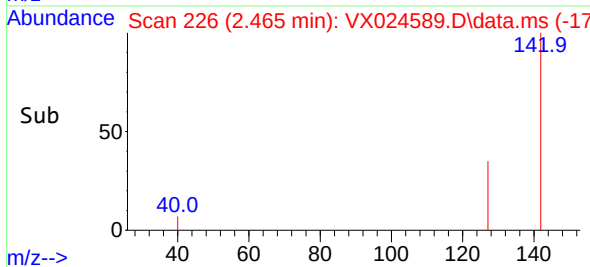
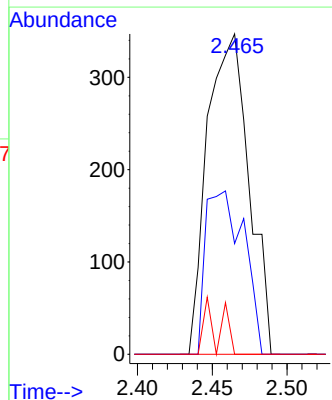
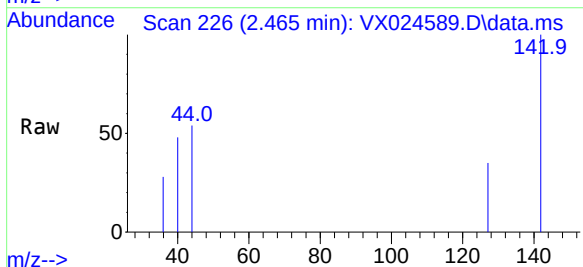
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

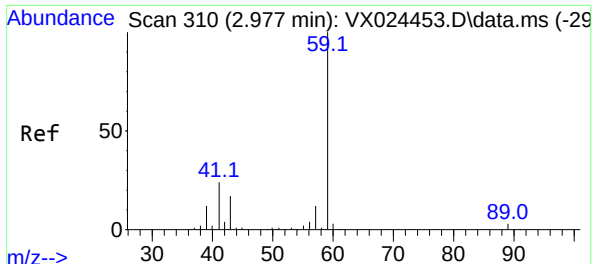
Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 142 Resp: 671
Ion Ratio Lower Upper
142 100
127 46.9 33.3 49.9
141 6.4 11.4 17.0#



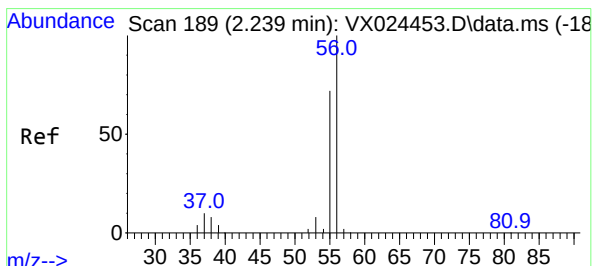
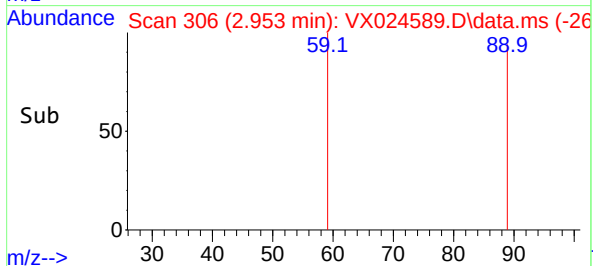
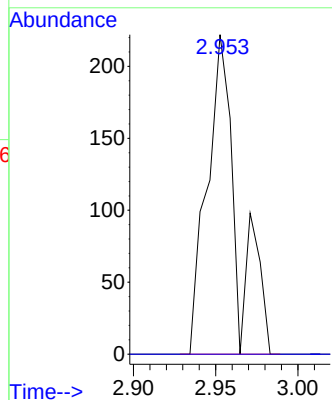
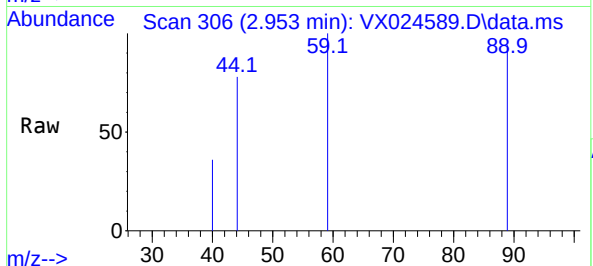


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

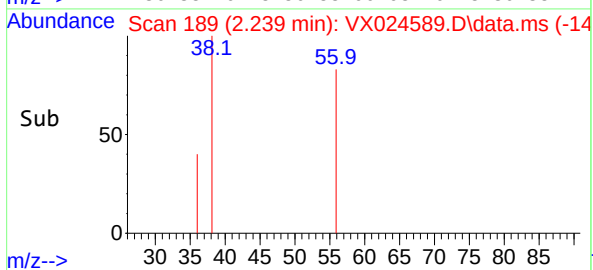
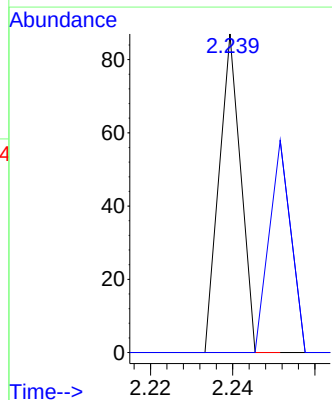
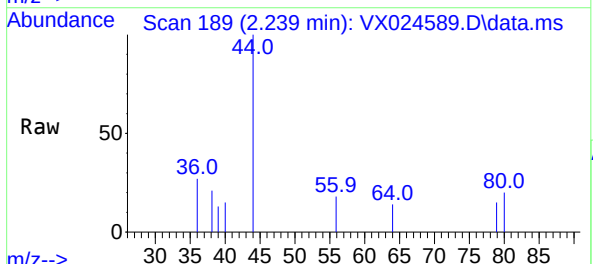
Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

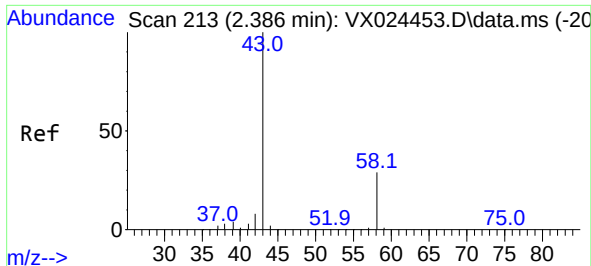


#13

Acrolein
Concen: 10.324 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 56 Resp: 32
Ion Ratio Lower Upper
56 100
55 65.6 56.4 84.6

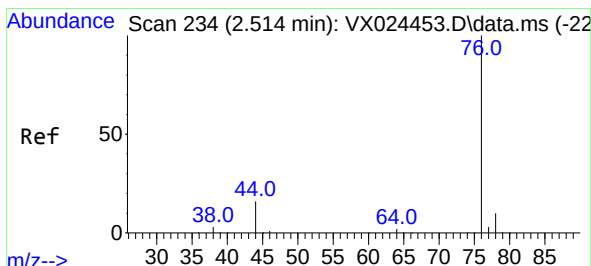
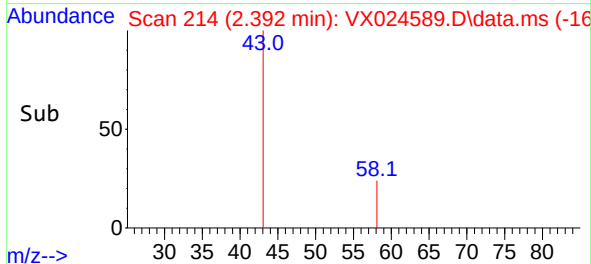
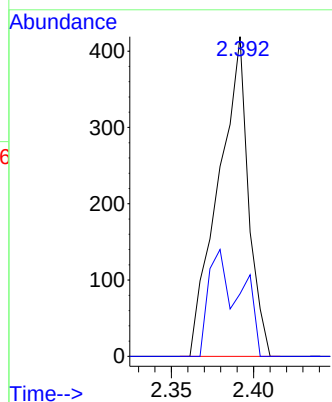
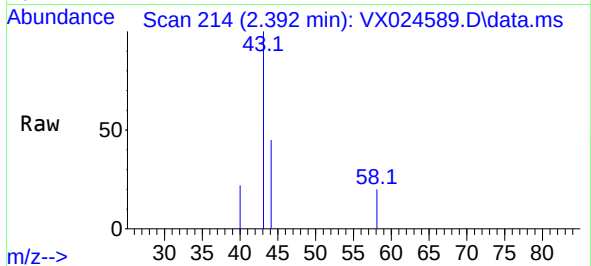




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

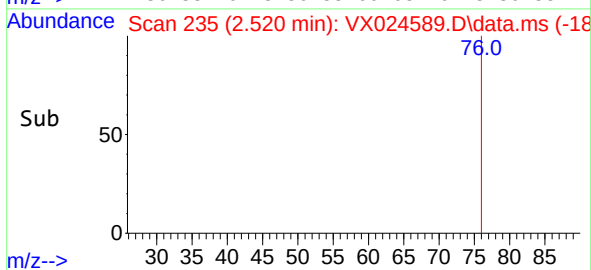
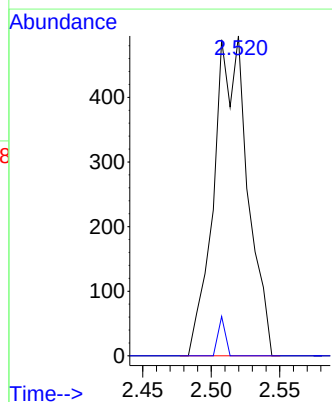
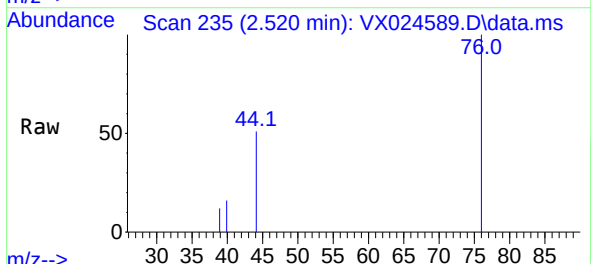
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

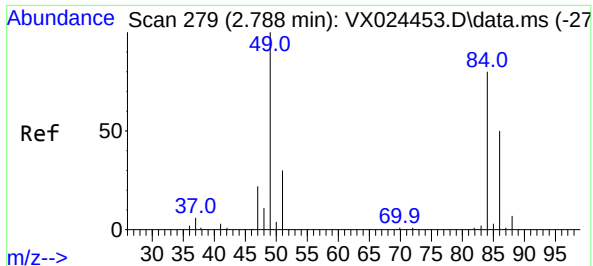
Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
58 19.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.463 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 76 Resp: 847
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



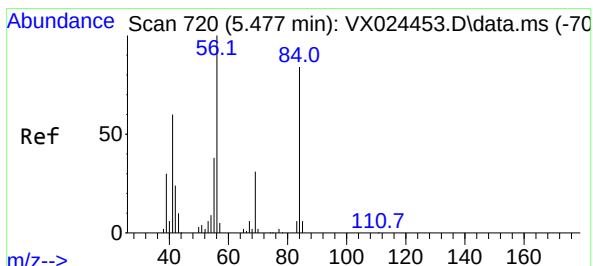
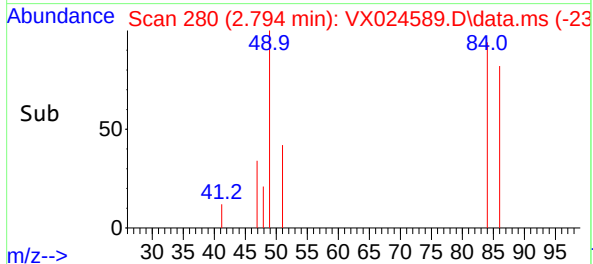
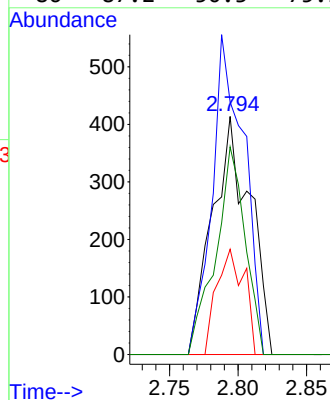
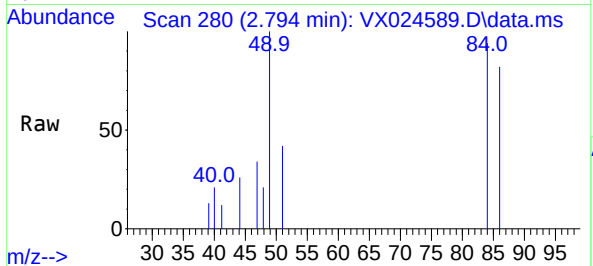


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

Tgt Ion: 84 Resp: 789

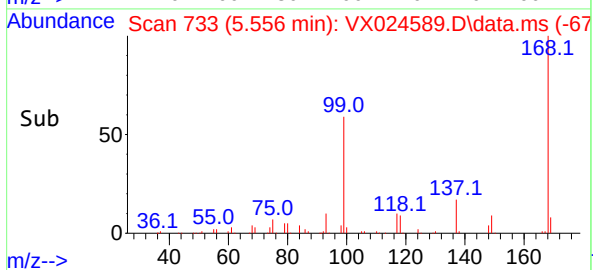
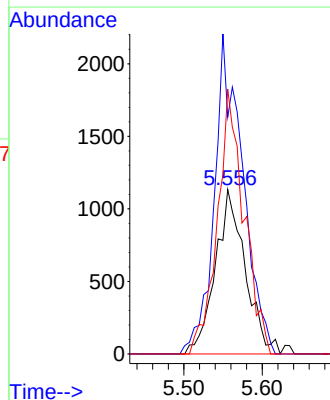
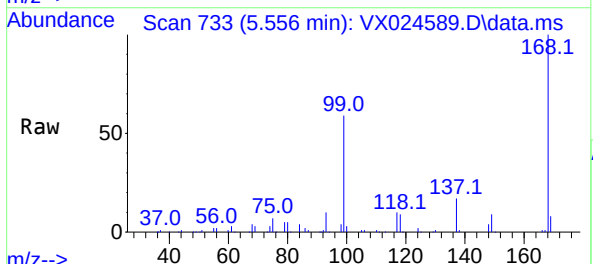
Ion	Ratio	Lower	Upper
84	100		
49	106.0	88.6	132.8
51	44.2	27.0	40.6#
86	87.2	50.3	75.5#

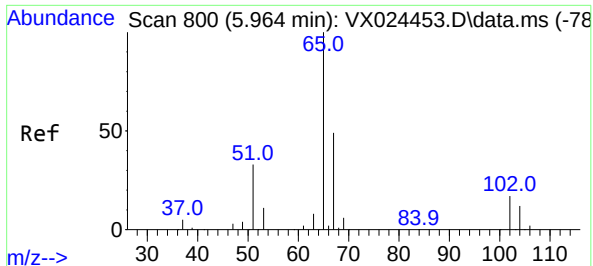


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 56 Resp: 3013

Ion	Ratio	Lower	Upper
56	100		
69	144.0	25.3	37.9#
84	161.1	71.4	107.0#



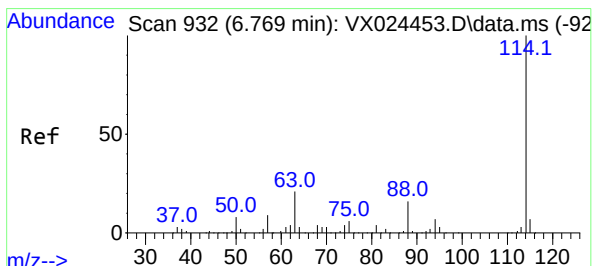
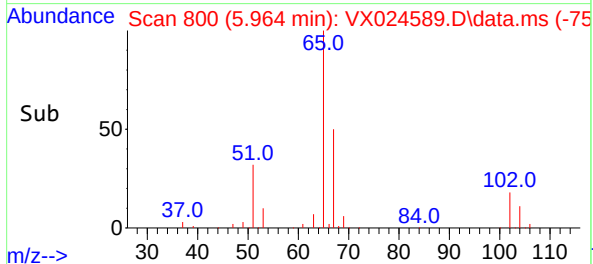
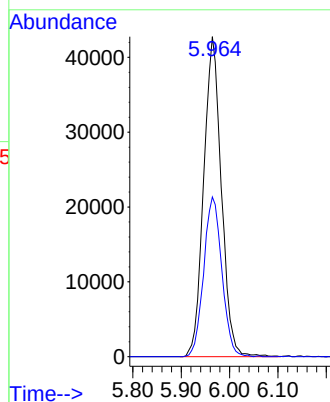
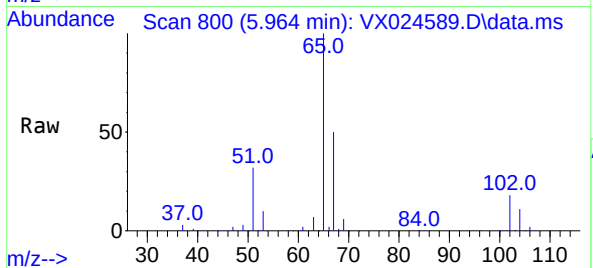


#33

1,2-Dichloroethane-d4
Concen: 50.830 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
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ClientSampleId :
VX1005WBL02

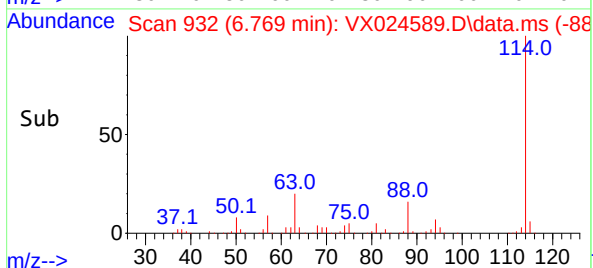
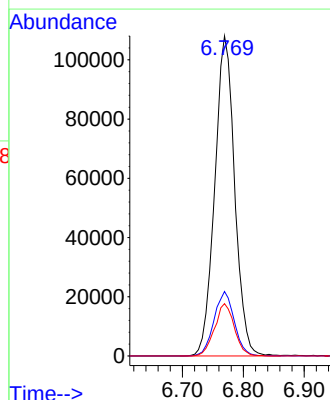
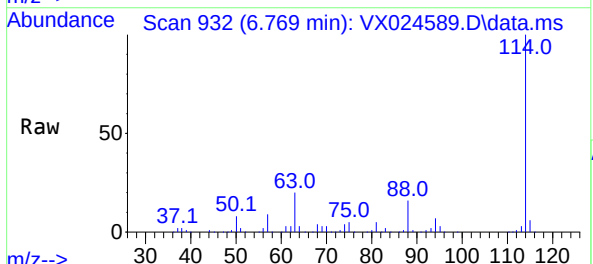
Tgt Ion: 65 Resp: 108501
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

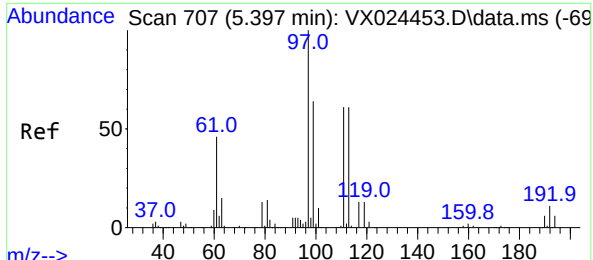


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 114 Resp: 245741
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.4 0.0 32.8



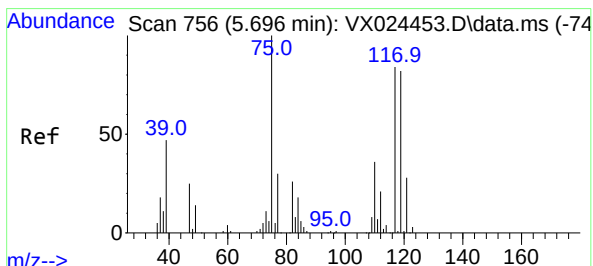
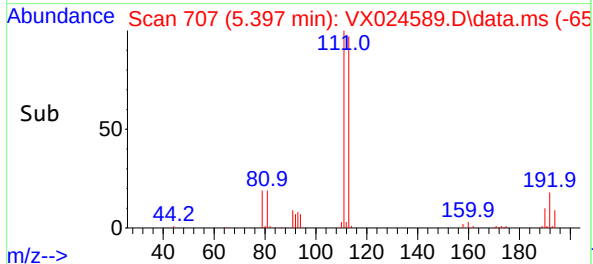
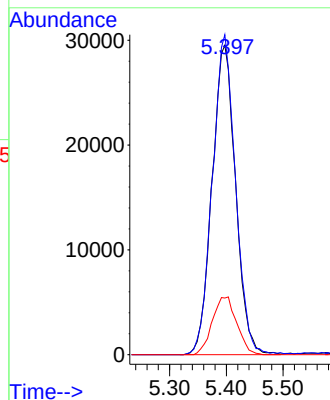
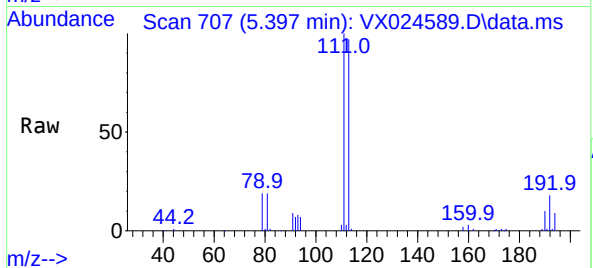


#35
Dibromofluoromethane
Concen: 52.116 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

Tgt Ion:113 Resp: 85081

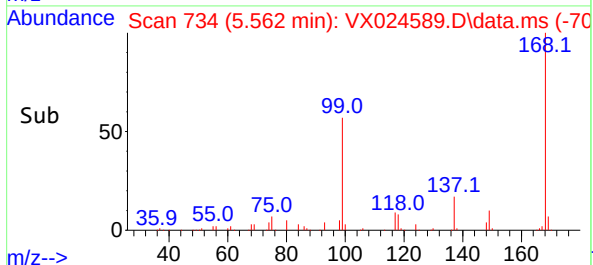
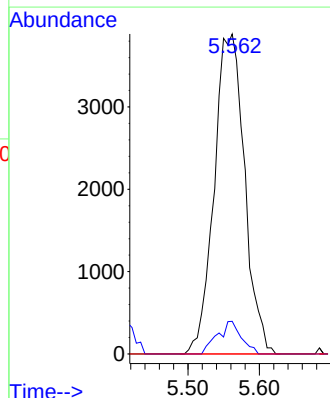
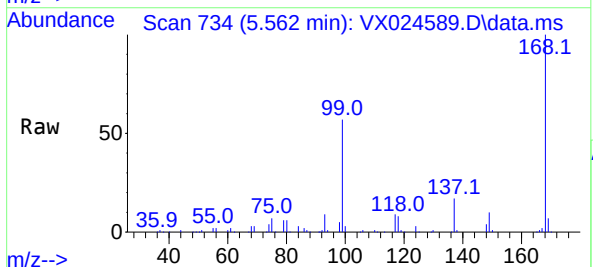
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	19.4	16.7	25.1

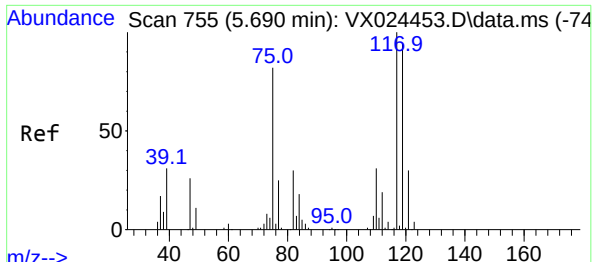


#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 75 Resp: 11456

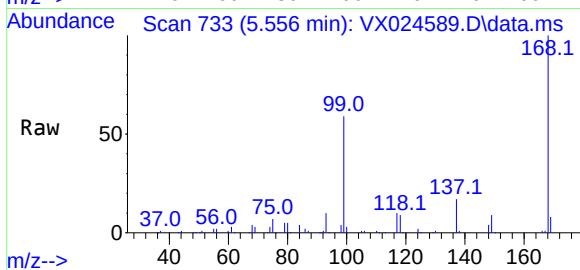
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.3	37.9#



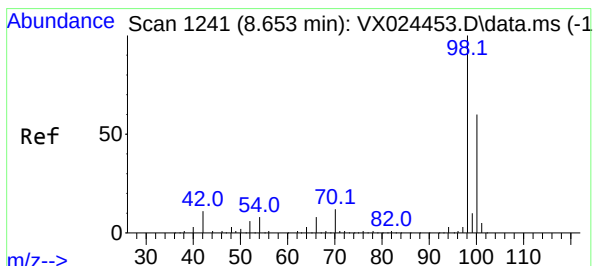
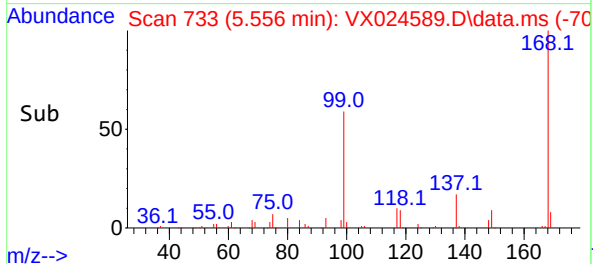
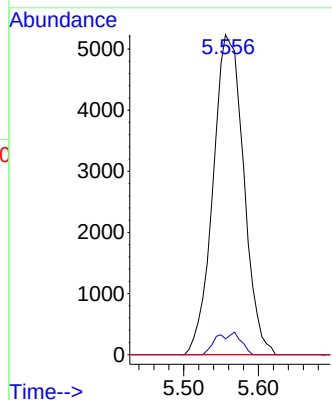


#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

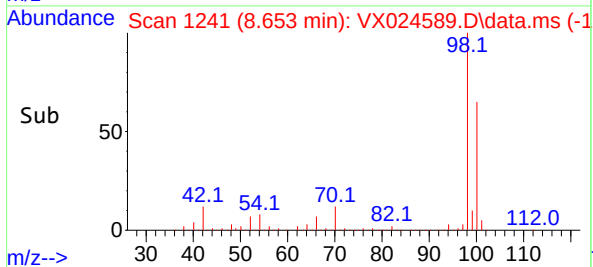
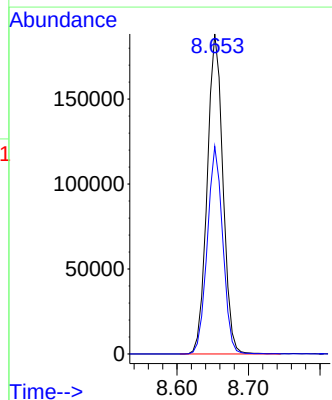
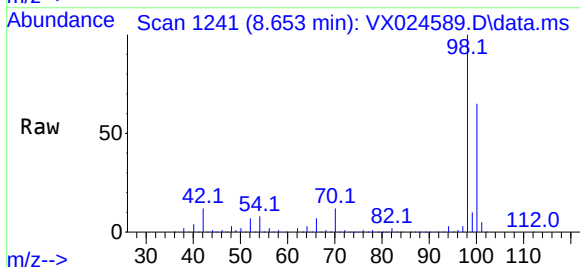


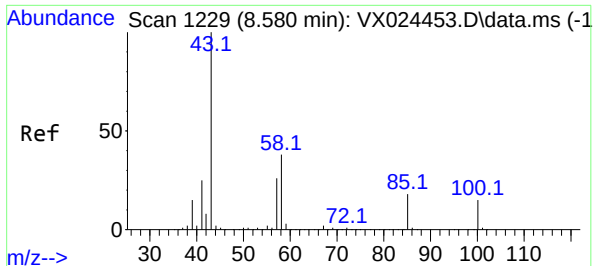
Tgt Ion:117 Resp: 14909
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 98 Resp: 287609
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

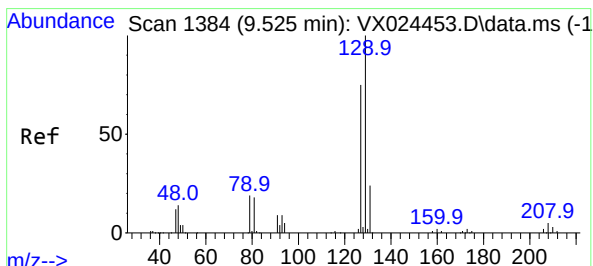
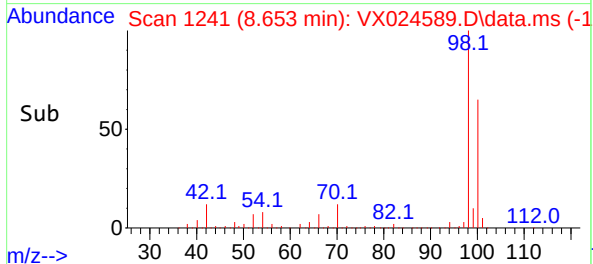
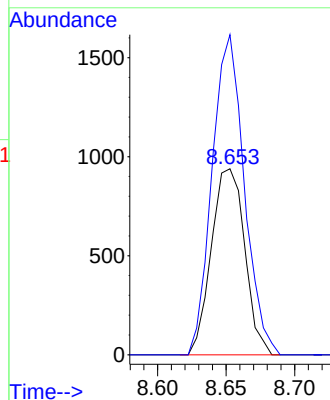
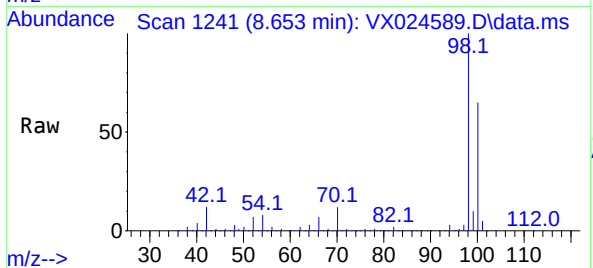




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

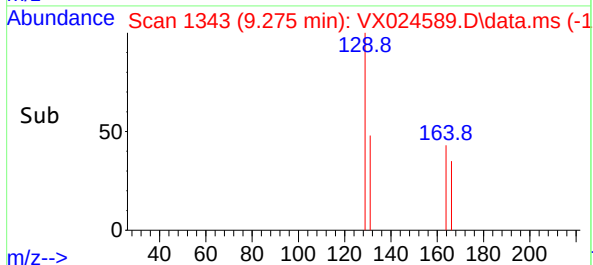
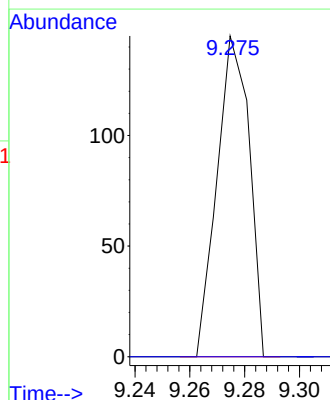
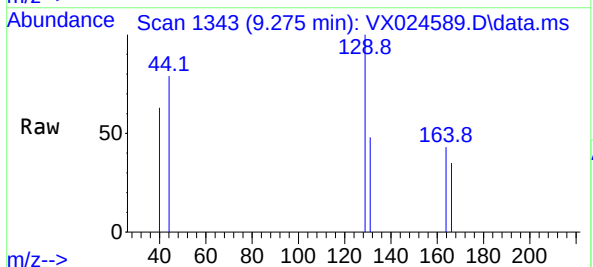
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

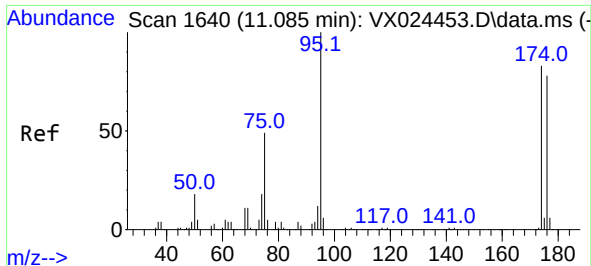
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 166.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.244 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 129 Resp: 119
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

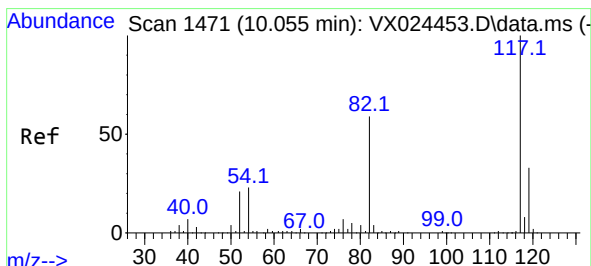
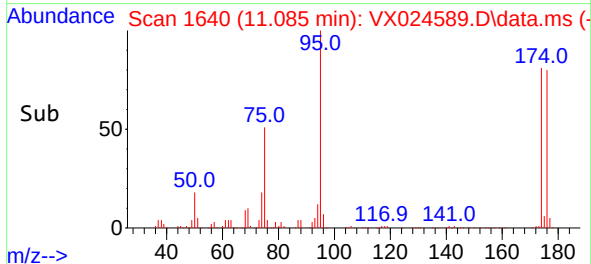
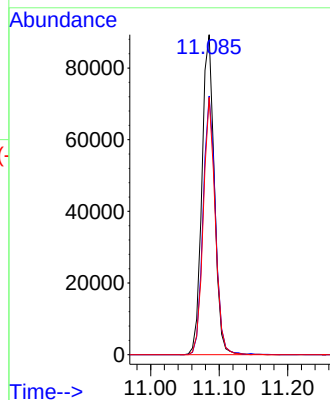
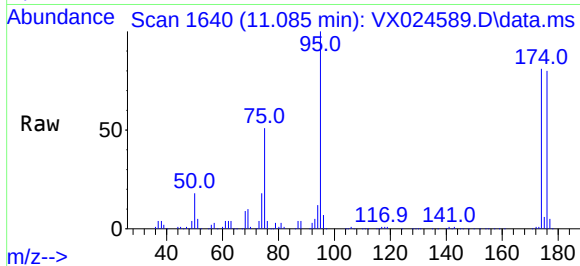




#62
4-Bromofluorobenzene
Concen: 47.612 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

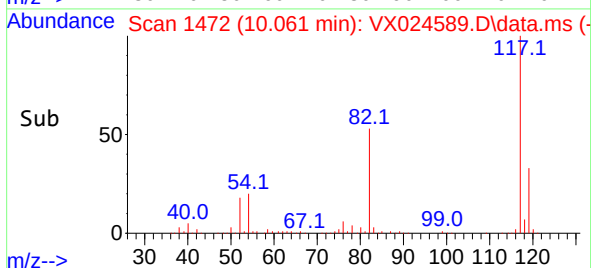
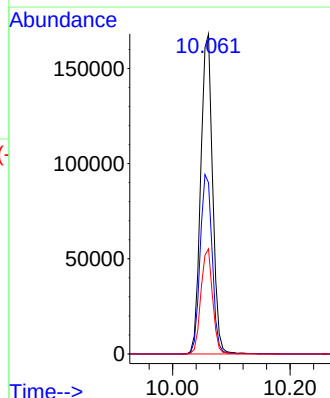
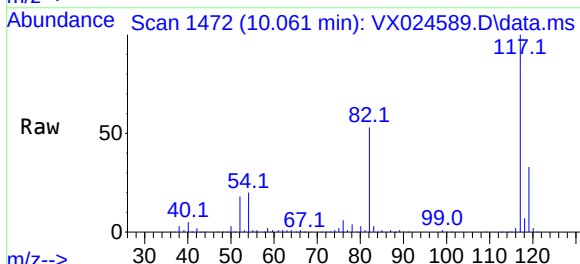
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

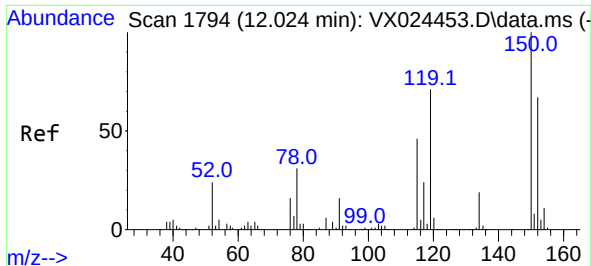
Tgt Ion: 95 Resp: 112481
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 117 Resp: 236498
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 32.9 26.6 39.8

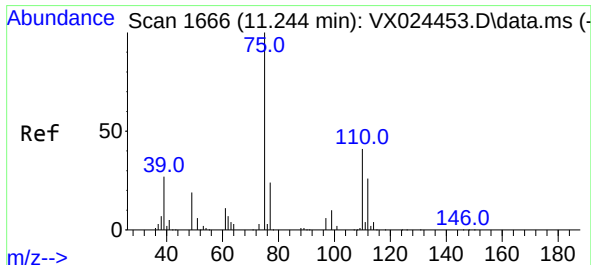
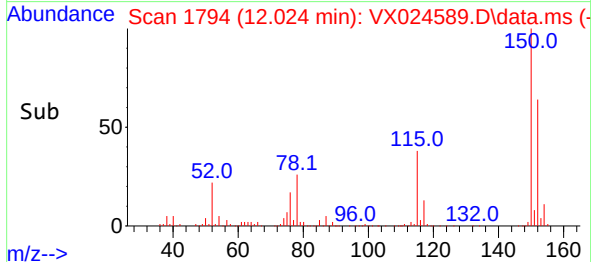
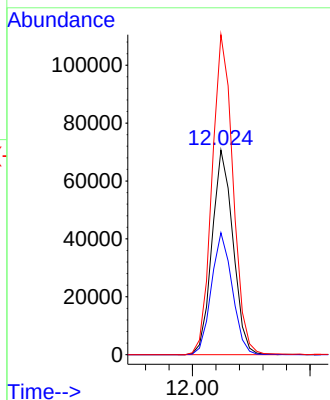
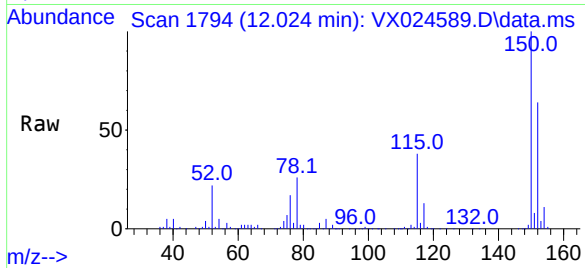




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

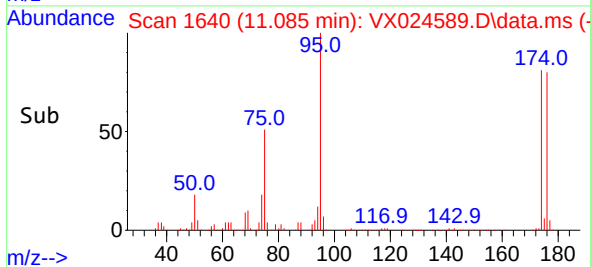
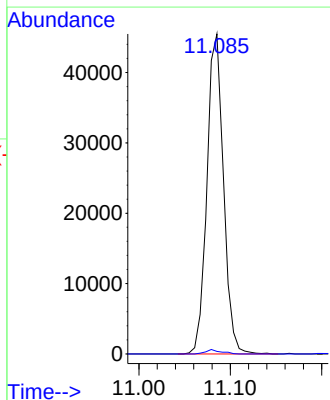
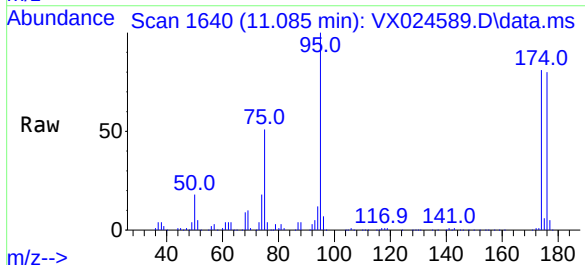
Instrument :
MSVOA_X
ClientSampled :
VX1005WBL02

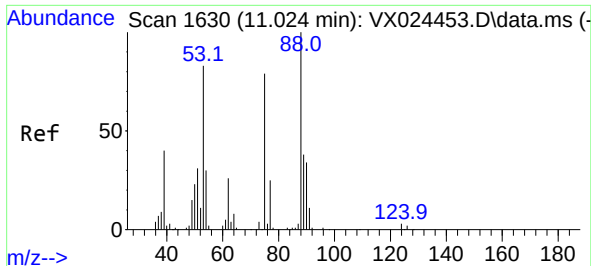
Tgt Ion:152 Resp: 87667
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.622 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Tgt Ion: 75 Resp: 56983
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024589.D
Acq: 05 Oct 2021 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

Tgt Ion: 75 Resp: 56983
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

