

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022692.D
 Acq On : 14 Jun 2021 14:17
 Operator : JC/MD
 Sample : M2705-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 06:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

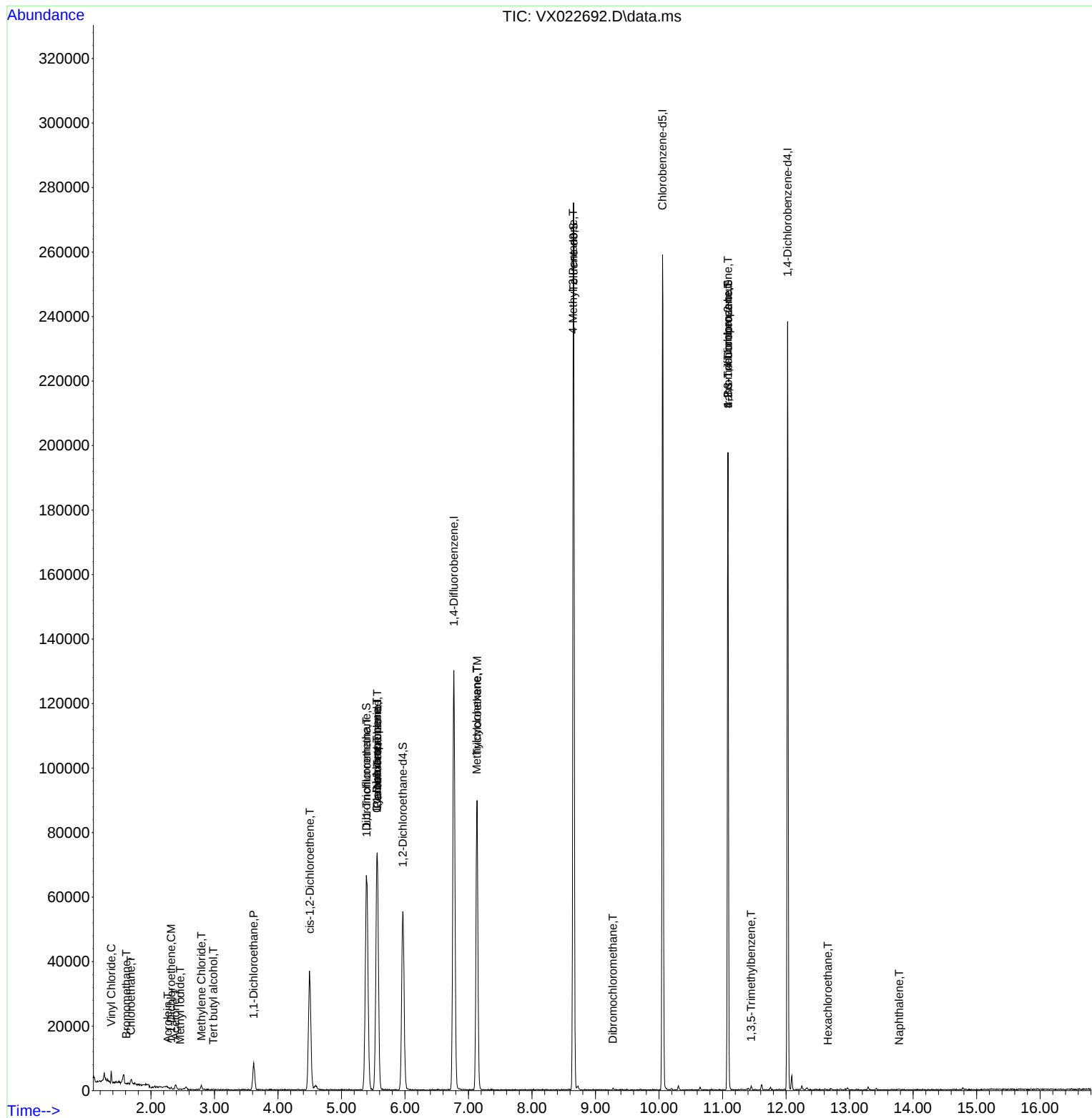
Internal Standards						
1) Pentafluorobenzene	5.562	168	62027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51381	46.06	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.12%		
35) Dibromofluoromethane	5.391	113	36979	46.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.52%		
50) Toluene-d8	8.653	98	149544	47.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.92%		
62) 4-Bromofluorobenzene	11.085	95	51753	43.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.86%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	1988	2.30	ug/l	98
5) Bromomethane	1.611	94	240	0.51	ug/l	99
6) Chloroethane	1.685	64	967	1.85	ug/l	100
10) Methyl Iodide	2.459	142	180	0.21	ug/l #	42
11) Tert butyl alcohol	2.983	59	52	0.20	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	167	0.22	ug/l #	67
13) Acrolein	2.264	56	26	0.24	ug/l #	14
16) Acetone	2.386	43	1731	3.47	ug/l	91
20) Methylene Chloride	2.794	84	591	0.34	ug/l #	85
24) 1,1-Dichloroethane	3.617	63	9012	5.39	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	21480	21.13	ug/l	94
31) Cyclohexane	5.556	56	1986	1.48	ug/l #	47
32) 1,1,1-Trichloroethane	5.397	97	22581	16.58	ug/l	95
36) 1,1-Dichloropropene	5.556	75	6493	5.20	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7137	6.68	ug/l #	18
39) Methylcyclohexane	7.129	83	343	0.26	ug/l #	1
44) Trichloroethene	7.135	130	30599	35.10	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	888	0.56	ug/l #	1
60) Dibromochloromethane	9.275	129	79	3.25	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	27733	25.61	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	664	0.24	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	27733	64.33	ug/l #	12
90) Hexachloroethane	12.658	117	21	3.71	ug/l #	9
95) Naphthalene	13.780	128	308	1.56	ug/l #	69

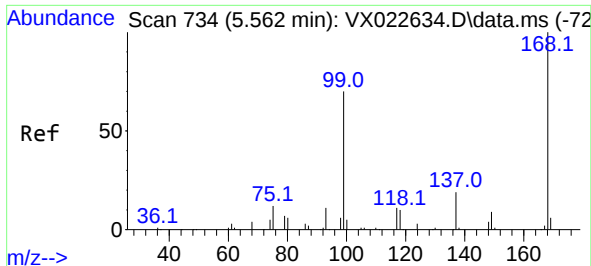
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 06:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

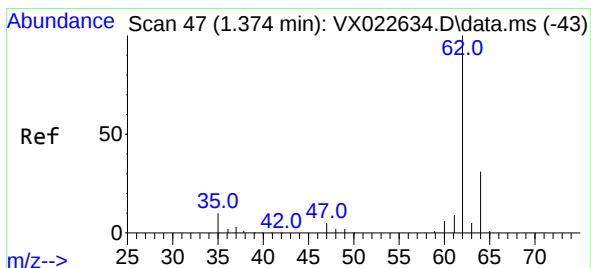
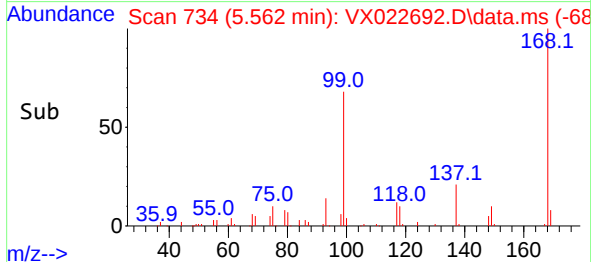
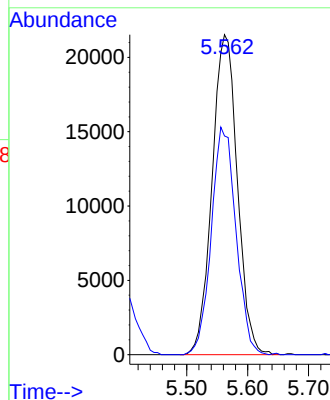
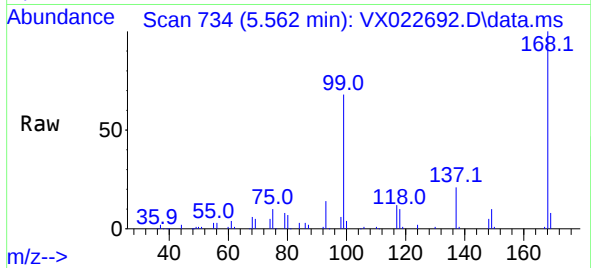




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

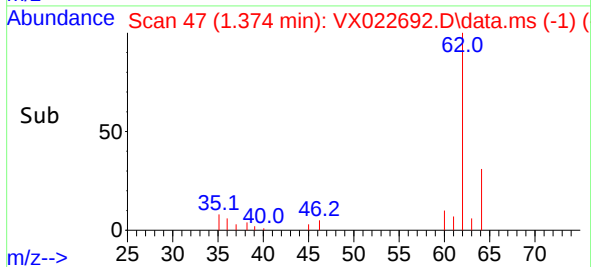
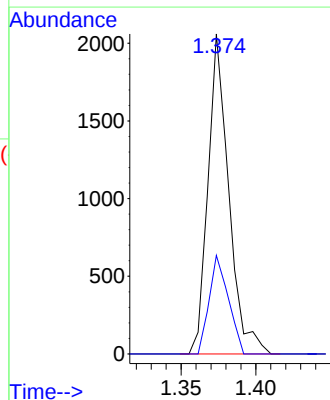
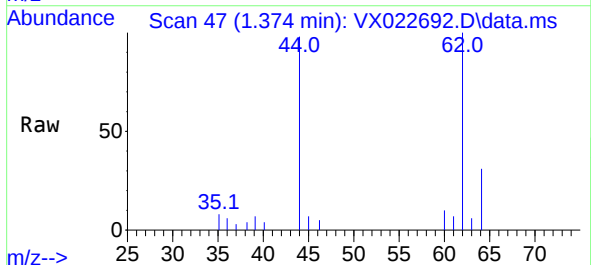
Instrument :
MSVOA_X
ClientSampleId :

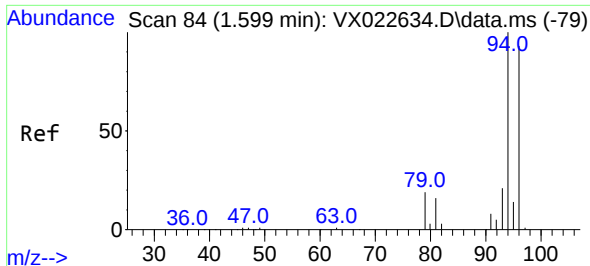
Tgt Ion:168 Resp: 62027
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#4
Vinyl Chloride
Concen: 2.30 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

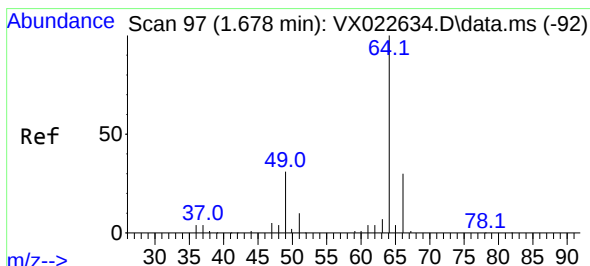
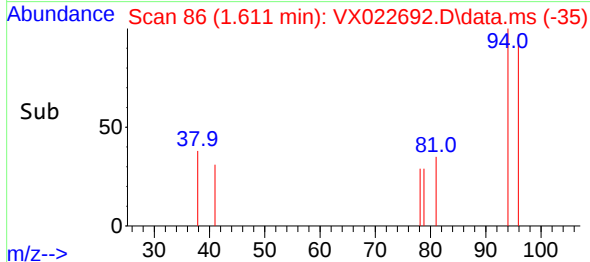
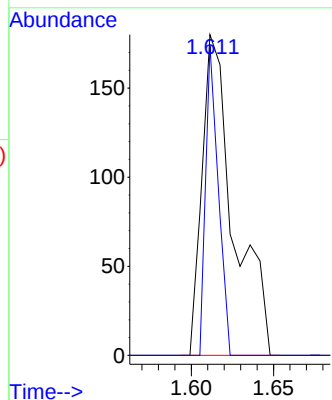
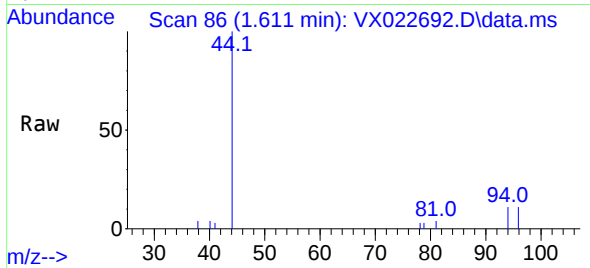
Tgt Ion: 62 Resp: 1988
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5





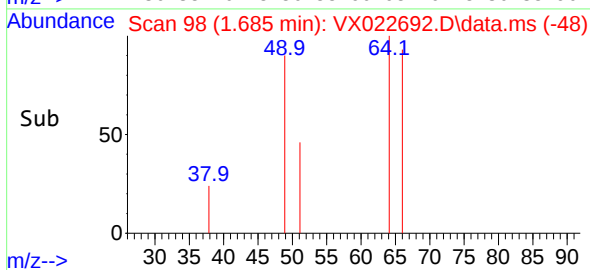
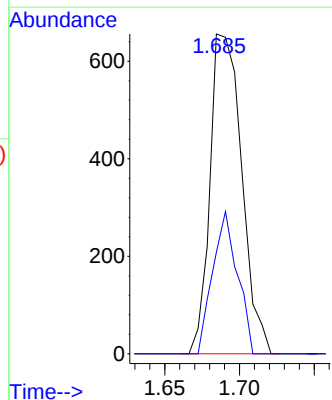
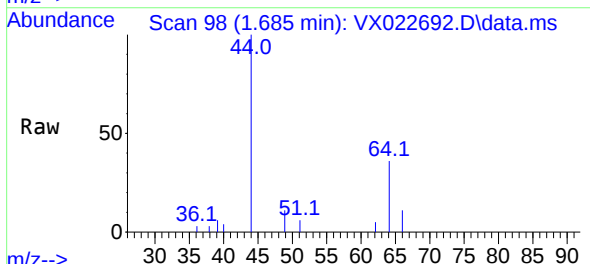
#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 96.7 76.4 114.6

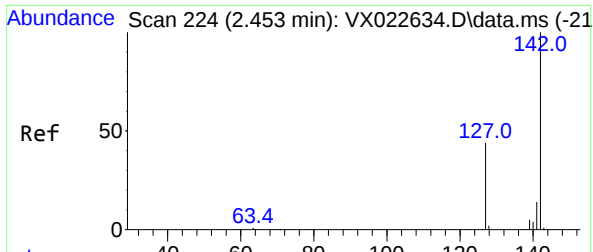


#6
Chloroethane
Concen: 1.85 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 64 Resp: 967
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0



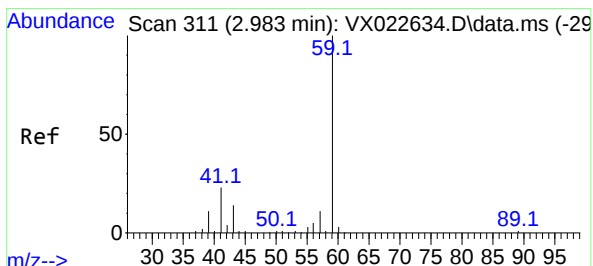
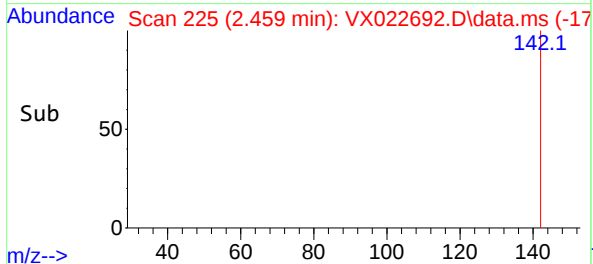
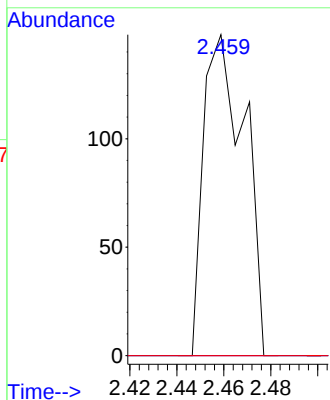
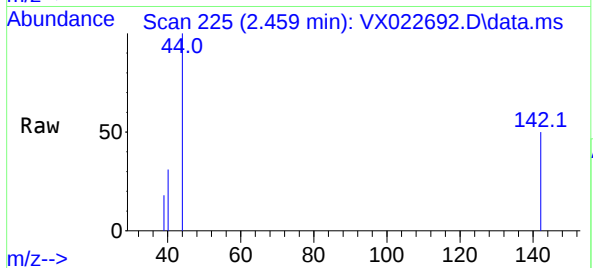
Instrument :
MSVOA_X
ClientSampled :



#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

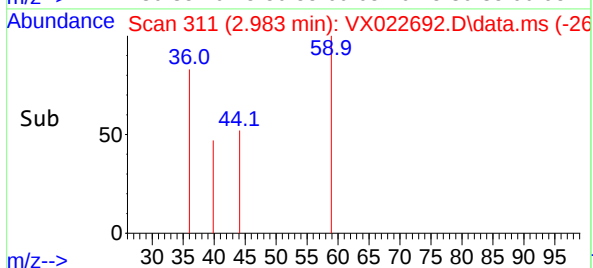
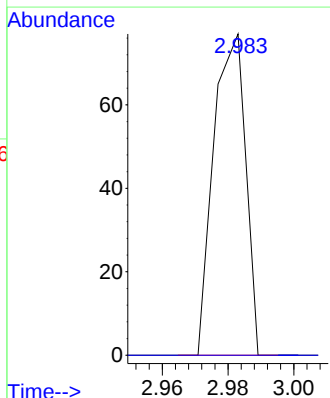
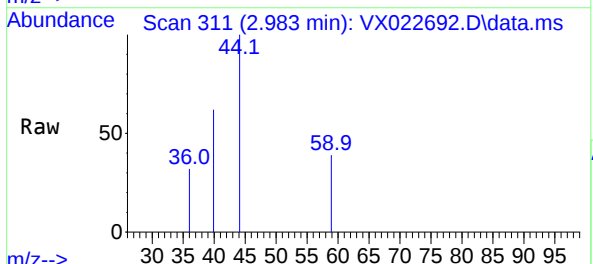
Instrument :
MSVOA_X
ClientSampleId :

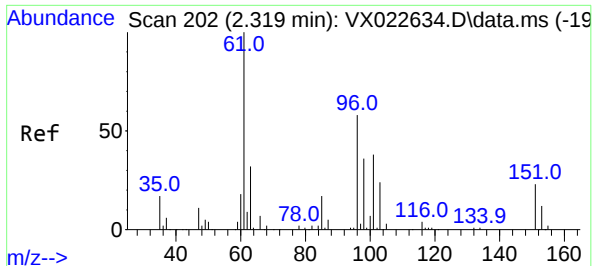
Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

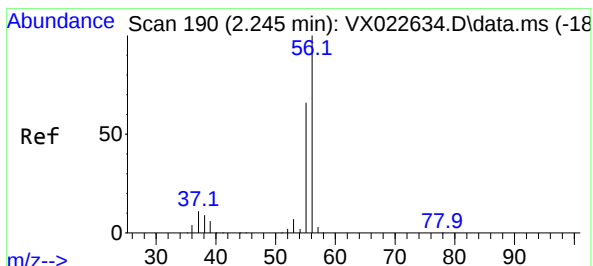
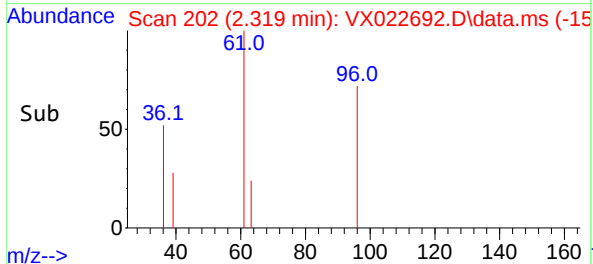
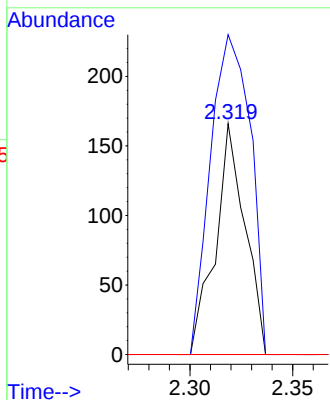
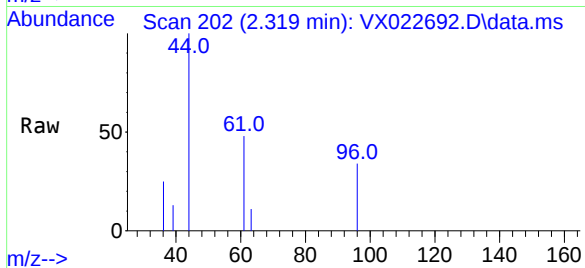




#12
1,1-Dichloroethene
Concen: 0.22 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

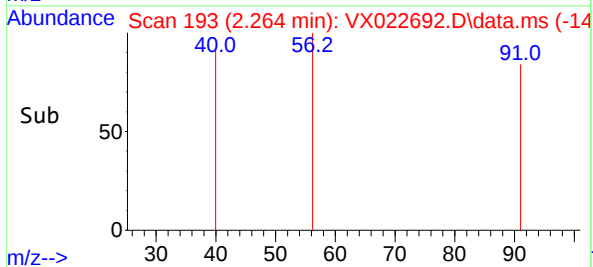
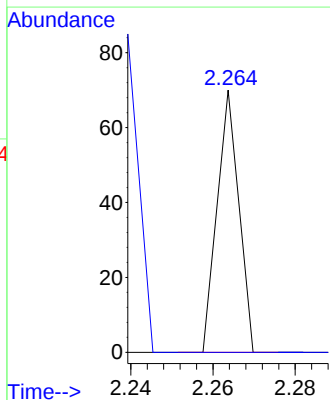
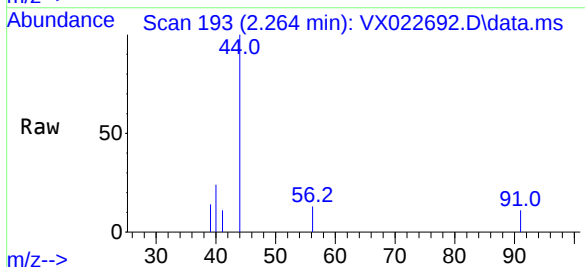
Instrument :
MSVOA_X
ClientSampled :

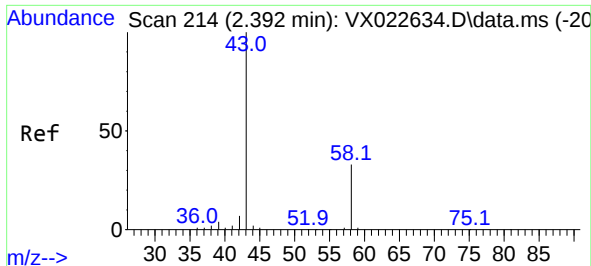
Tgt Ion: 96 Resp: 167
Ion Ratio Lower Upper
96 100
61 138.6 124.6 187.0
98 0.0 50.6 76.0#



#13
Acrolein
Concen: 0.24 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

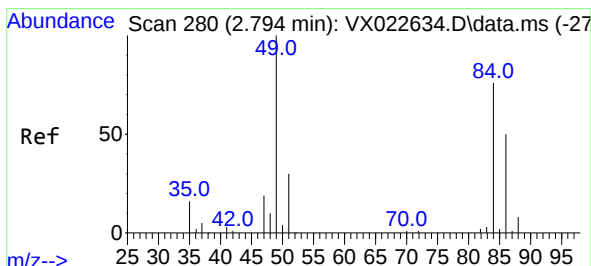
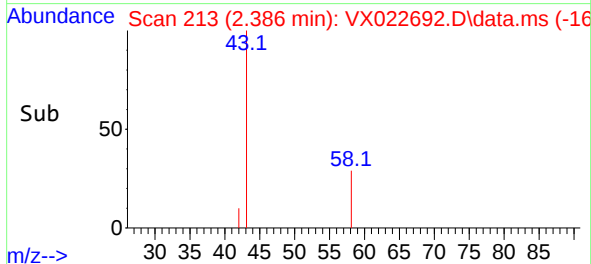
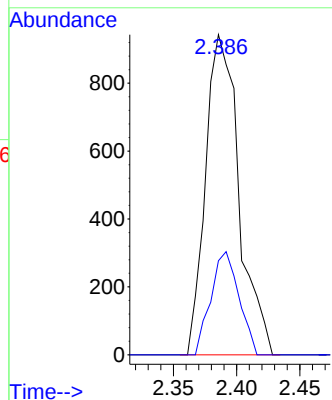
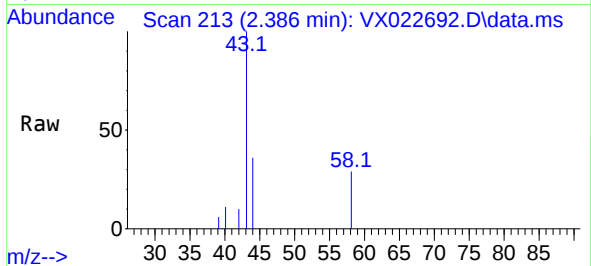




#16
Acetone
Concen: 3.47 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

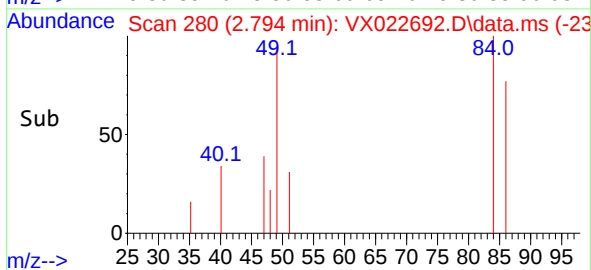
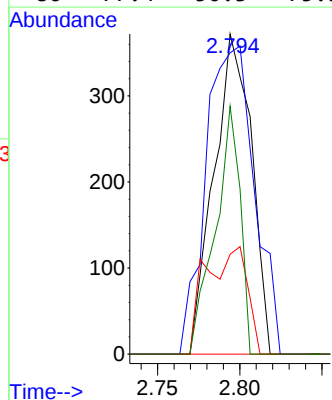
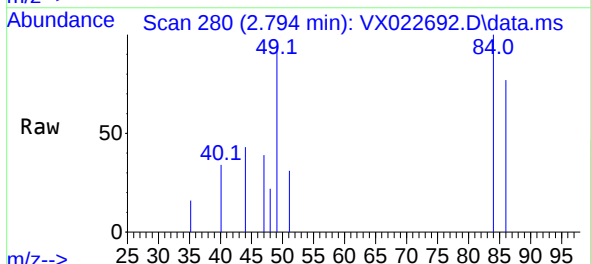
Instrument :
MSVOA_X
ClientSampled :

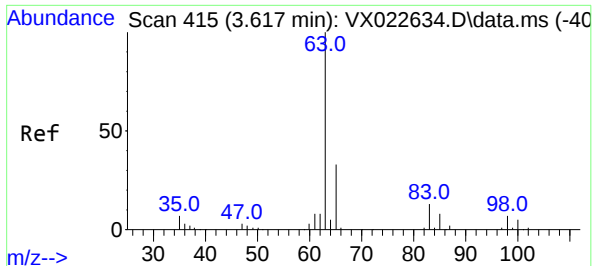
Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 84 Resp: 591
Ion Ratio Lower Upper
84 100
49 94.1 88.6 132.8
51 31.2 27.0 40.6
86 77.4 50.3 75.5#

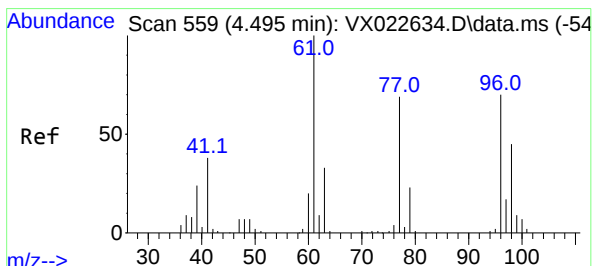
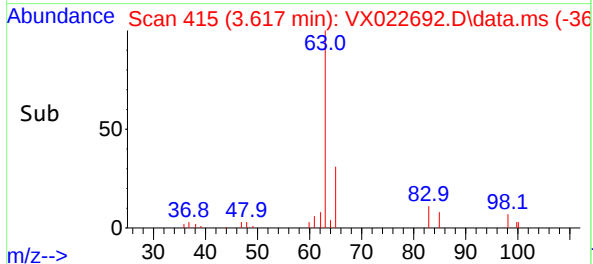
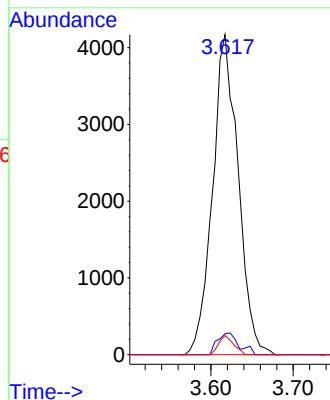
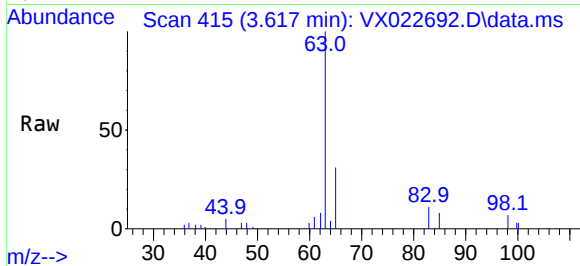




#24
1,1-Dichloroethane
Concen: 5.39 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

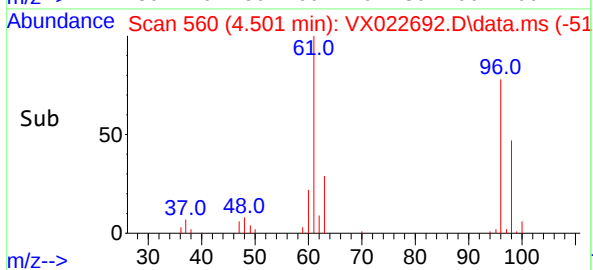
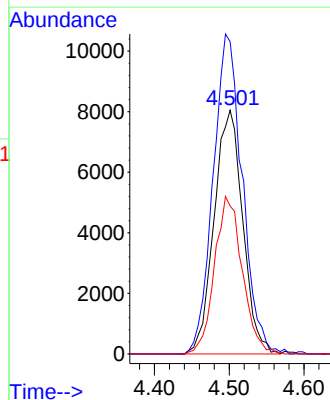
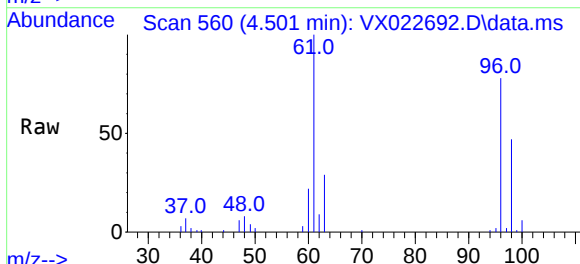
Instrument :
MSVOA_X
ClientSampled :

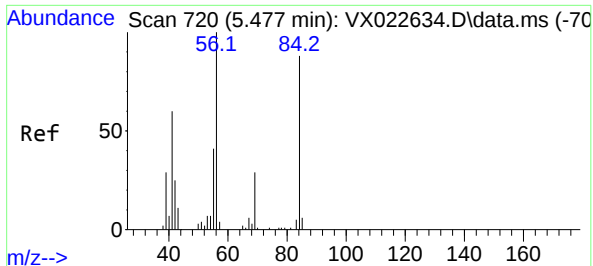
Tgt Ion: 63 Resp: 9012
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 6.0 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 21.13 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

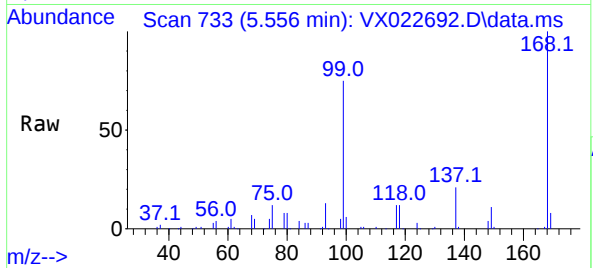
Tgt Ion: 96 Resp: 21480
Ion Ratio Lower Upper
96 100
61 133.4 0.0 285.6
98 62.5 0.0 129.6



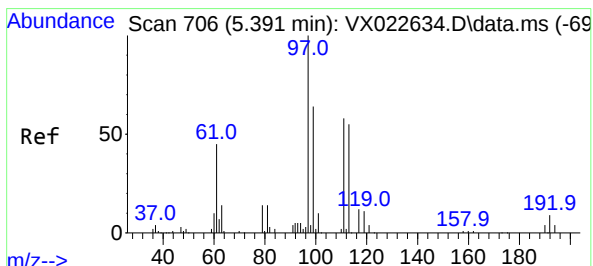
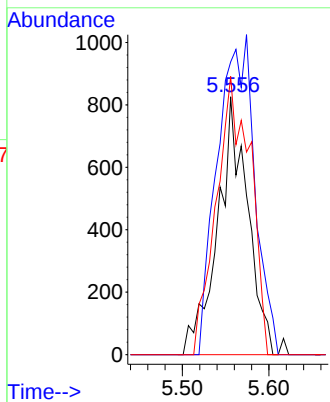
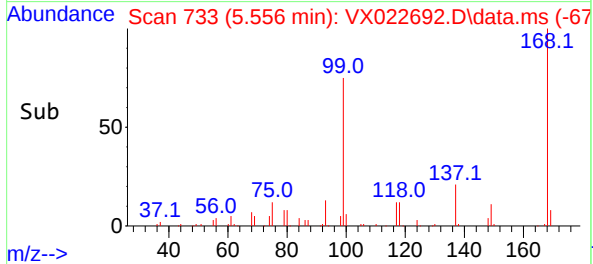


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

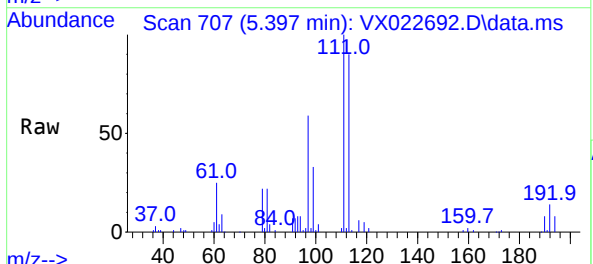
Instrument :
MSVOA_X
ClientSampled :



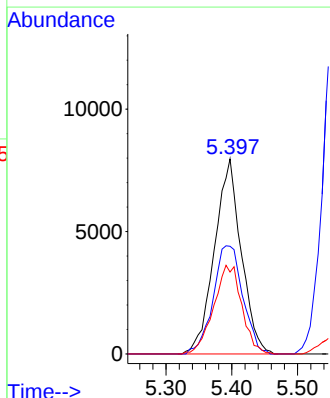
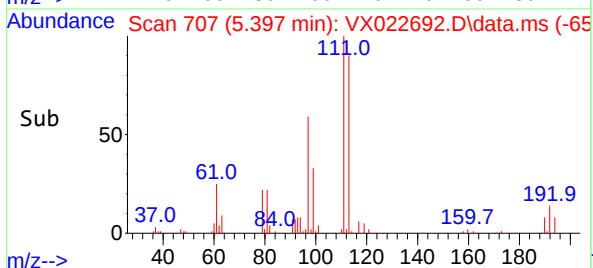
Tgt Ion: 56 Resp: 1986
Ion Ratio Lower Upper
56 100
69 113.6 25.3 37.9#
84 107.9 71.4 107.0#

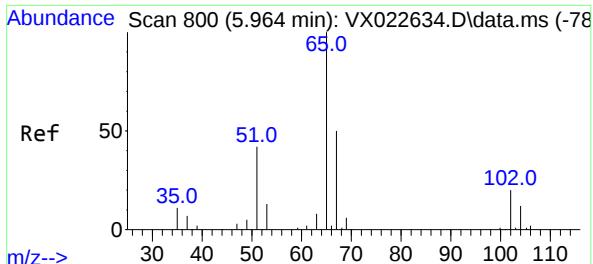


#32
1,1,1-Trichloroethane
Concen: 16.58 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17



Tgt Ion: 97 Resp: 22581
Ion Ratio Lower Upper
97 100
99 61.4 51.5 77.3
61 47.9 34.2 51.4



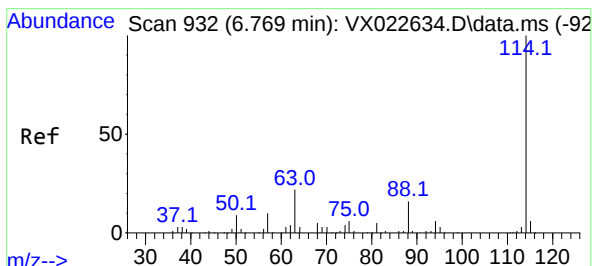
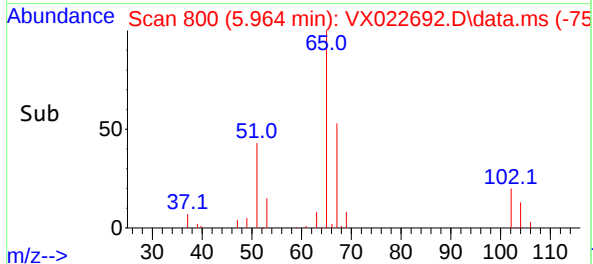
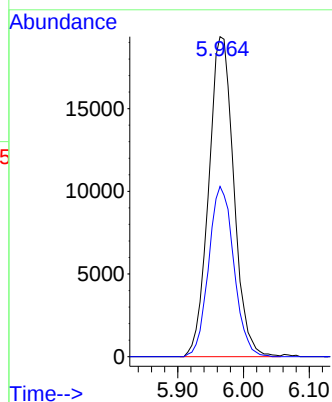
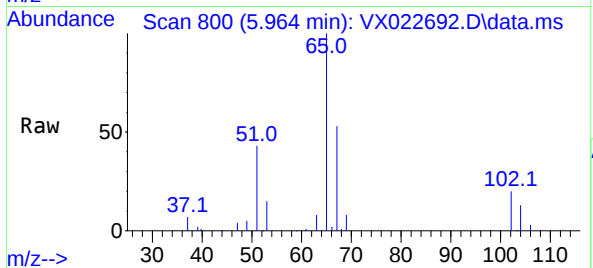


#33

1,2-Dichloroethane-d4
Concen: 46.06 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :

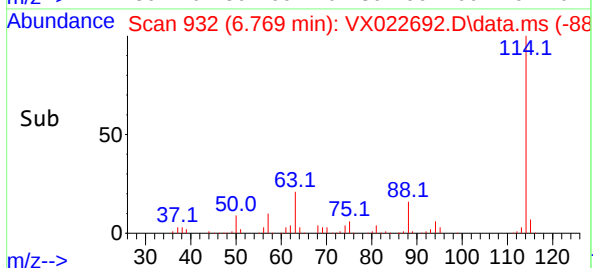
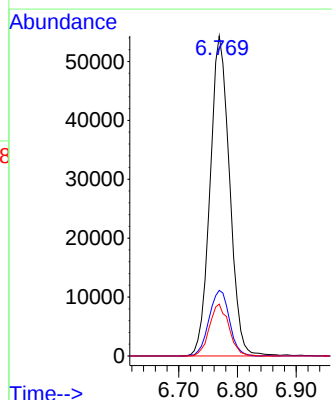
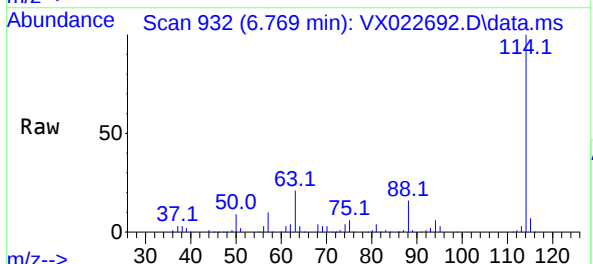
Tgt Ion: 65 Resp: 51381
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

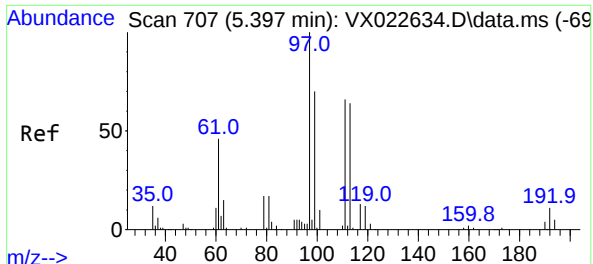


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 114 Resp: 125277
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.2 0.0 32.8

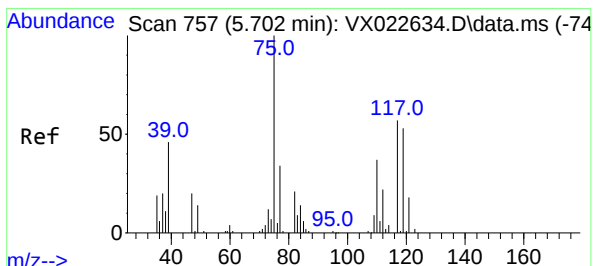
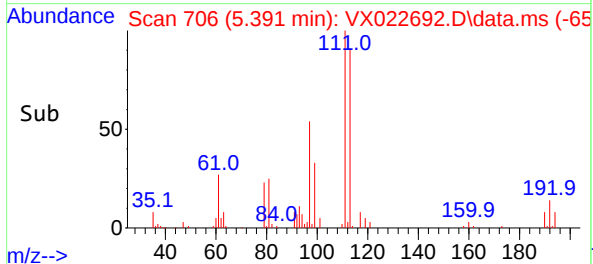
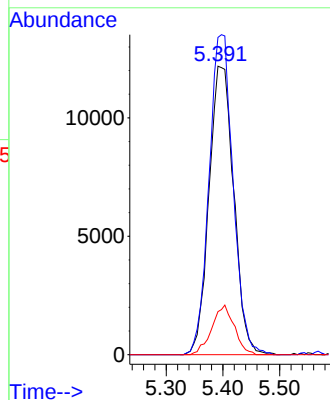
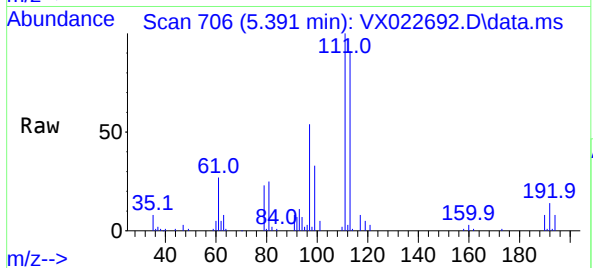




#35
Dibromofluoromethane
Concen: 46.26 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

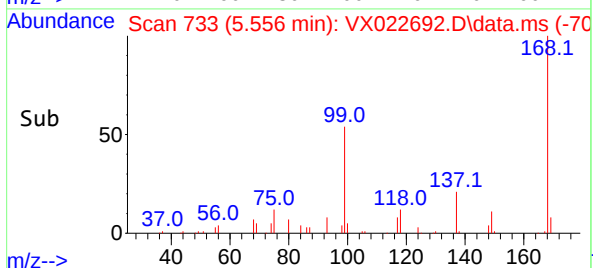
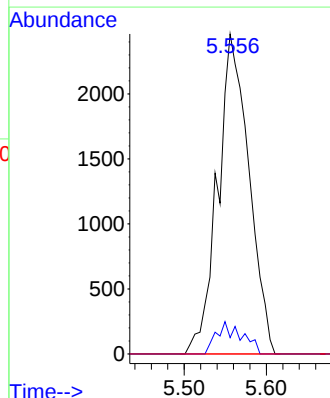
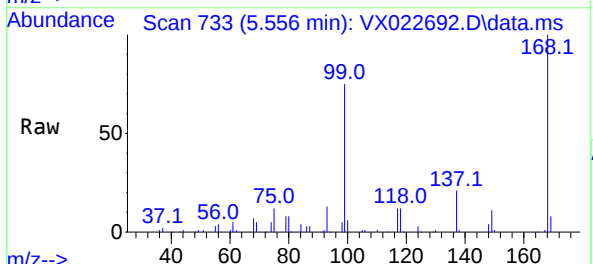
Instrument :
MSVOA_X
ClientSampled :

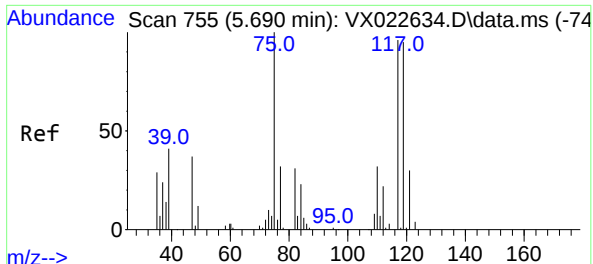
Tgt Ion:113 Resp: 36979
Ion Ratio Lower Upper
113 100
111 107.7 81.9 122.9
192 15.6 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

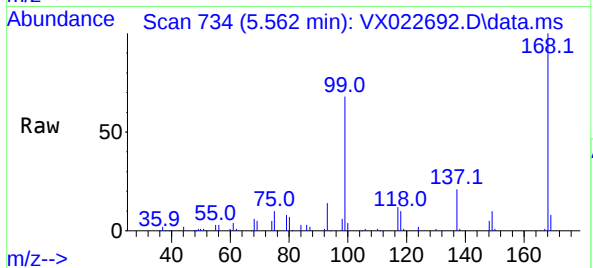
Tgt Ion: 75 Resp: 6493
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



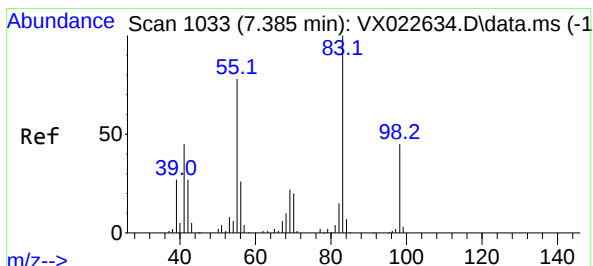
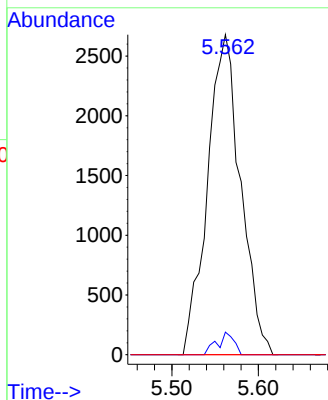
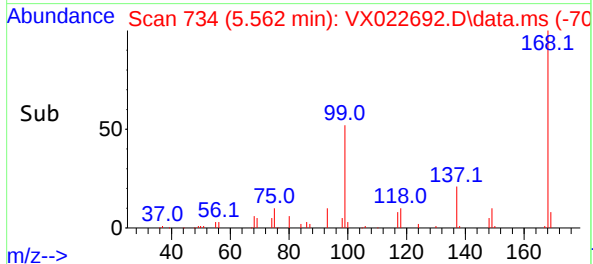


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

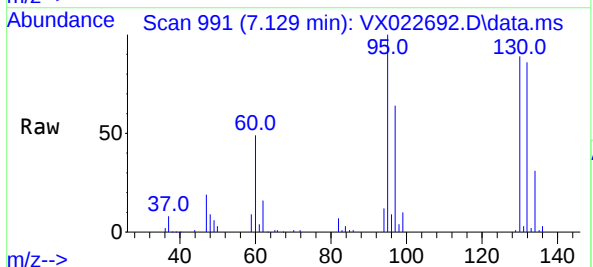
Instrument :
MSVOA_X
ClientSampleId :



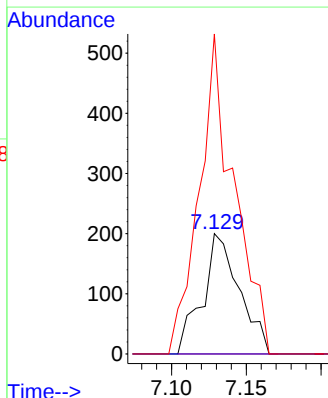
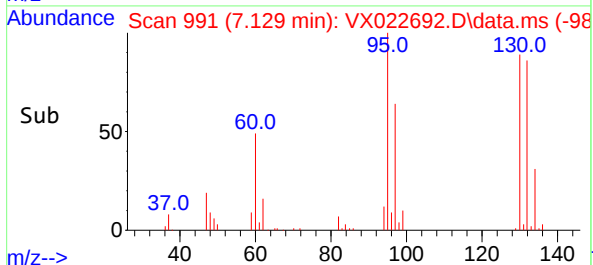
Tgt Ion:117 Resp: 7137
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.2#
121 0.0 24.8 37.2#

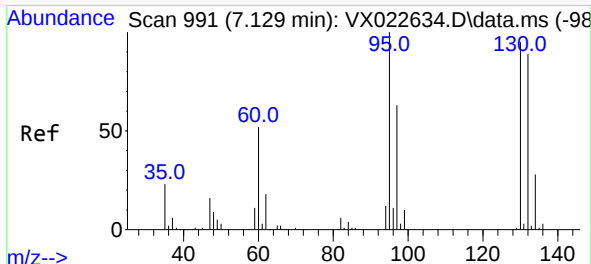


#39
Methylcyclohexane
Concen: 0.26 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17



Tgt Ion: 83 Resp: 343
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 266.0 38.1 57.1#

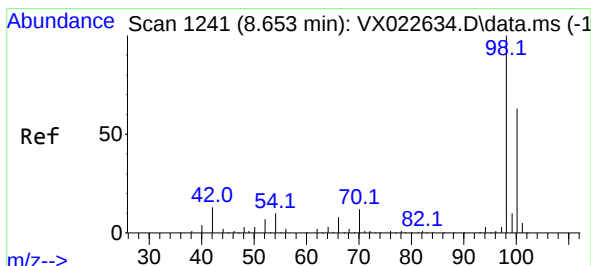
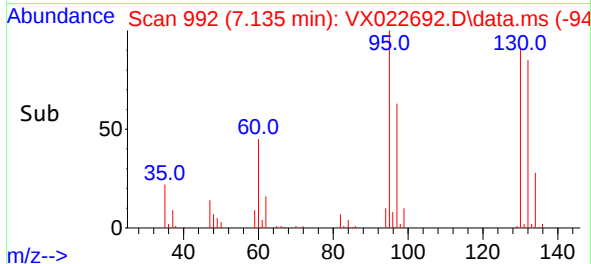
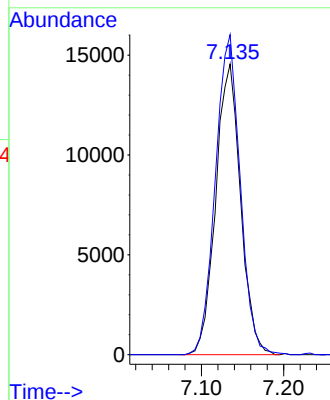
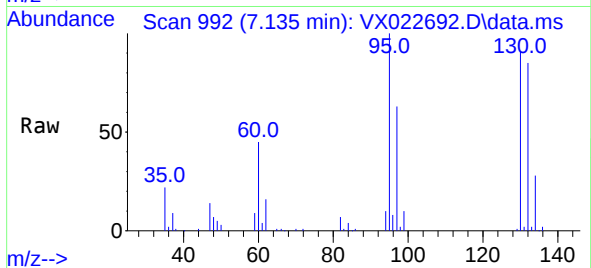




#44
Trichloroethene
Concen: 35.10 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

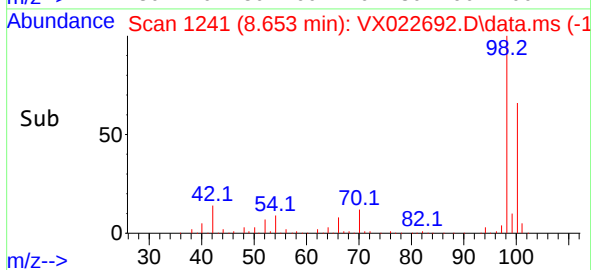
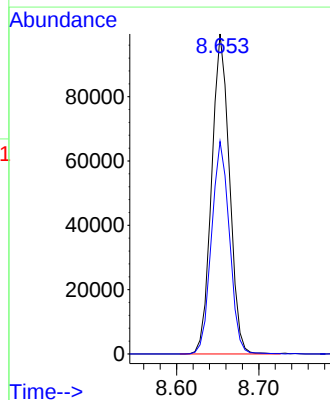
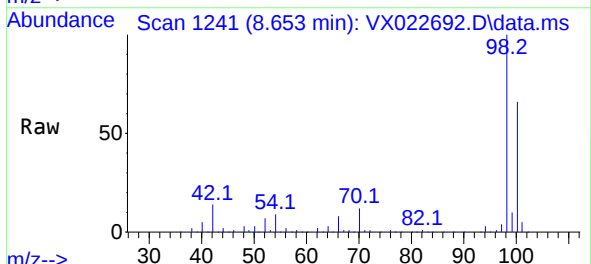
Instrument :
MSVOA_X
ClientSampled :

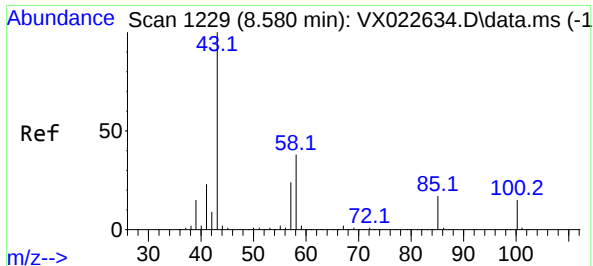
Tgt Ion:130 Resp: 30599
Ion Ratio Lower Upper
130 100
95 110.1 0.0 198.0



#50
Toluene-d8
Concen: 47.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 98 Resp: 149544
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

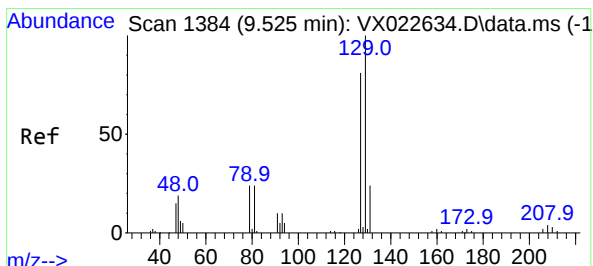
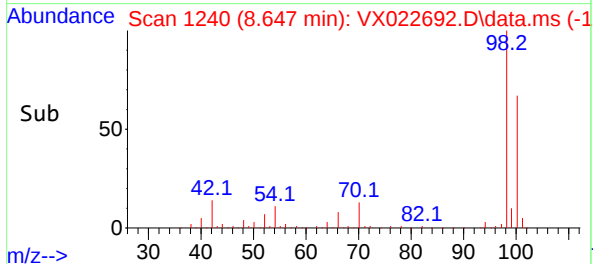
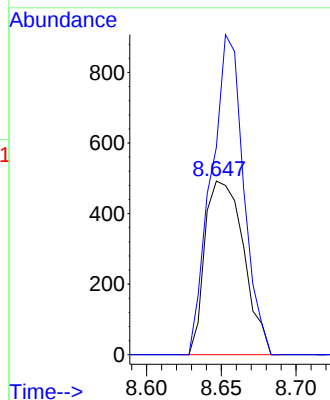
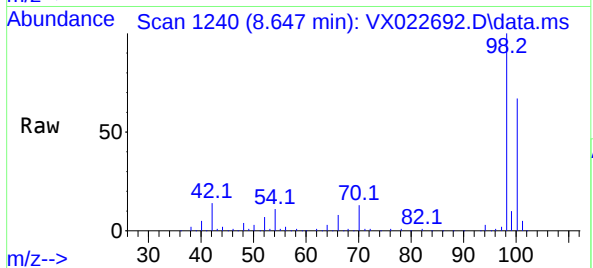




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

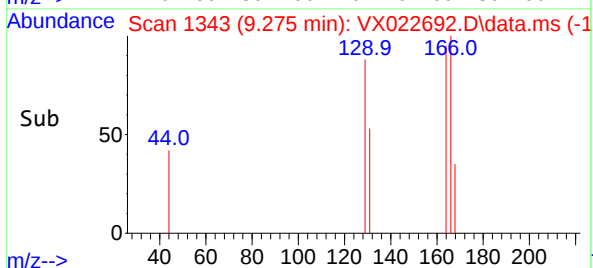
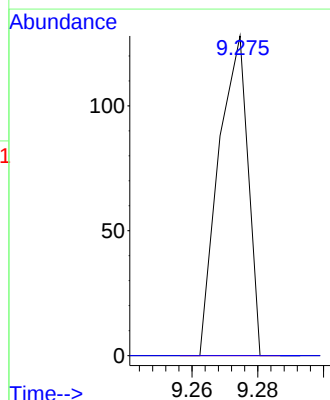
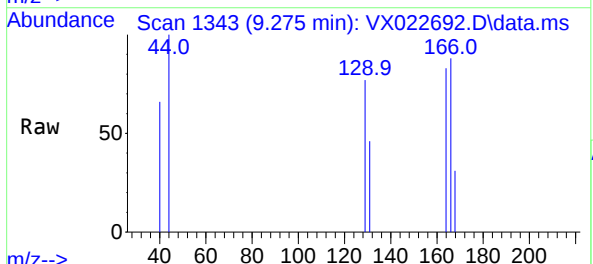
Instrument :
MSVOA_X
ClientSampled :

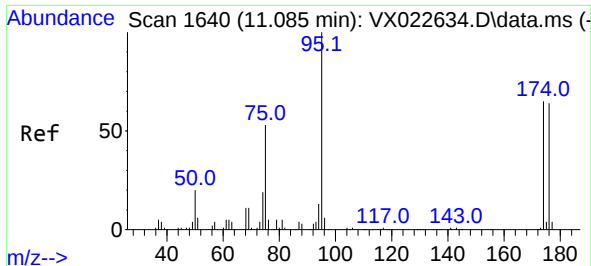
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 153.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.25 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 129 Resp: 79
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

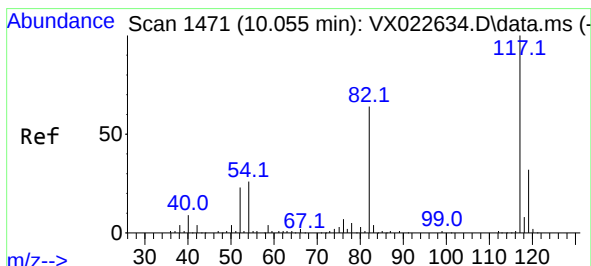
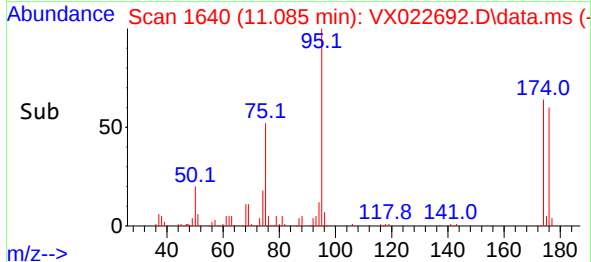
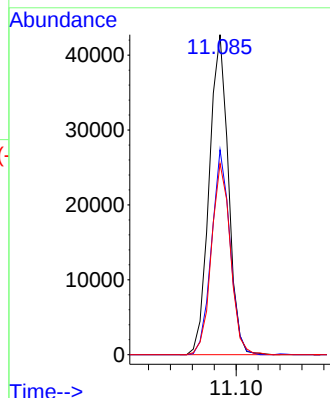
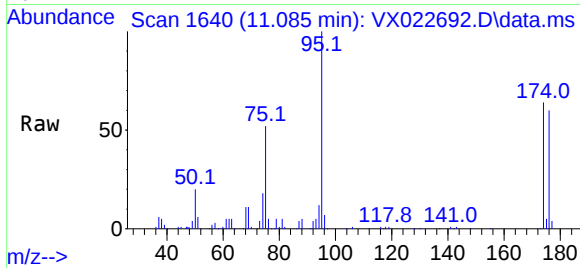




#62
4-Bromofluorobenzene
Concen: 43.43 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

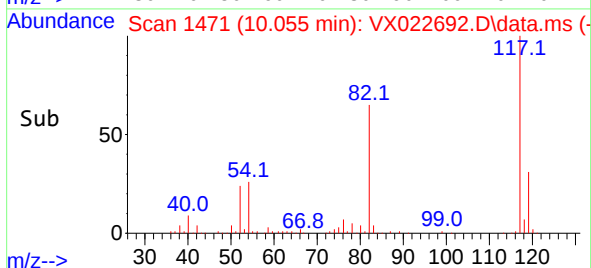
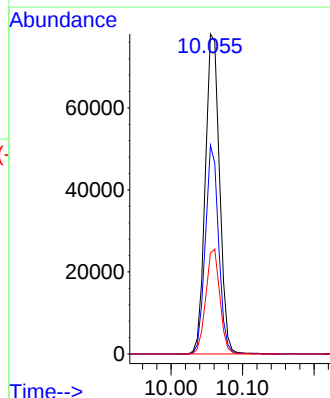
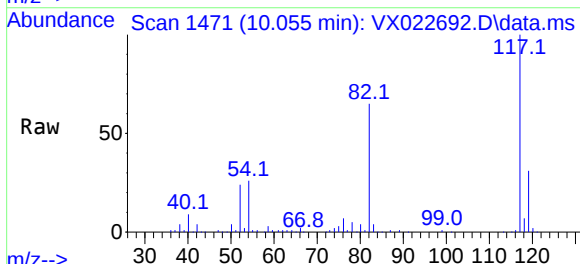
Instrument :
MSVOA_X
ClientSampleId :

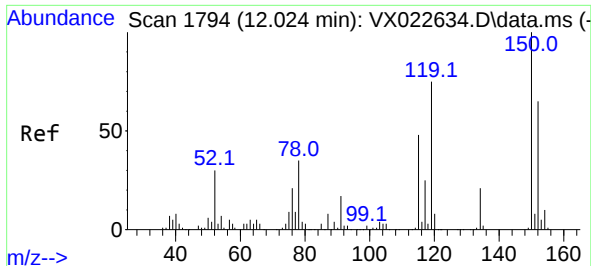
Tgt Ion: 95 Resp: 51753
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 117 Resp: 108249
Ion Ratio Lower Upper
117 100
82 65.2 47.4 71.2
119 31.5 26.6 39.8

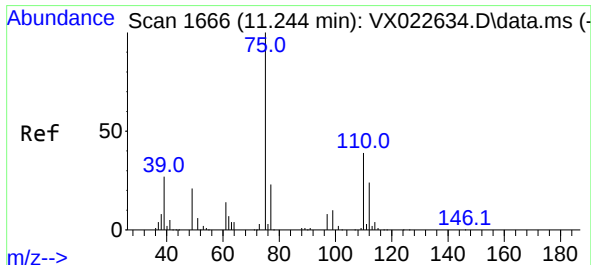
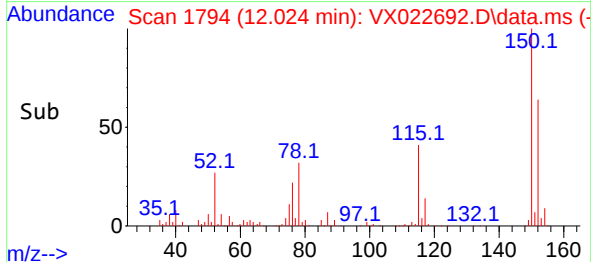
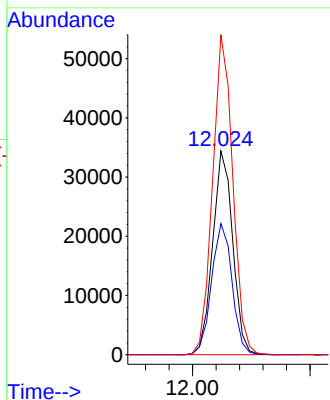
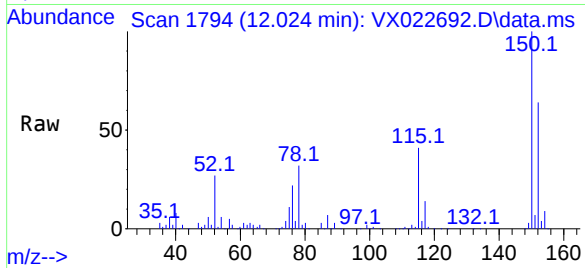




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

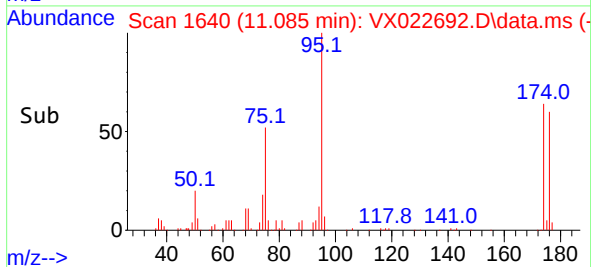
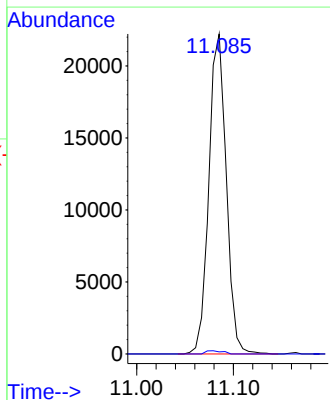
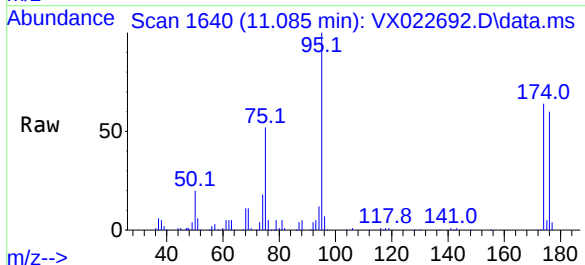
Instrument :
MSVOA_X
ClientSampled :

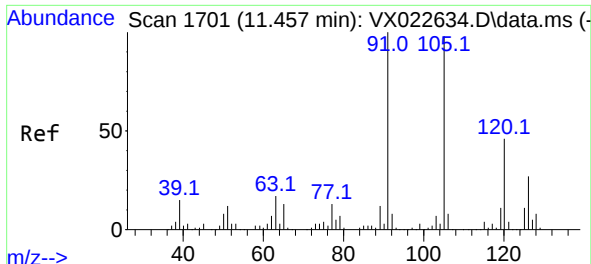
Tgt Ion:152 Resp: 40845
Ion Ratio Lower Upper
152 100
115 65.7 41.1 123.3
150 157.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 75 Resp: 27733
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

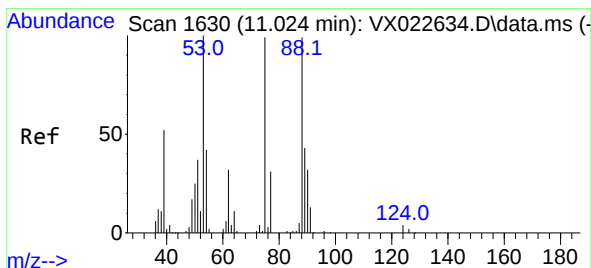
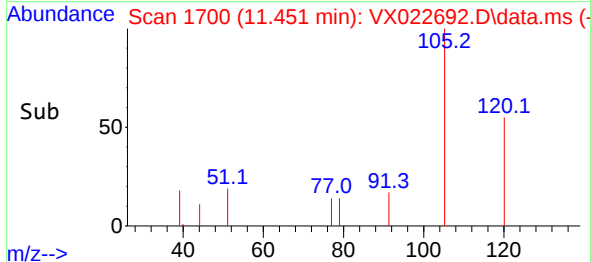
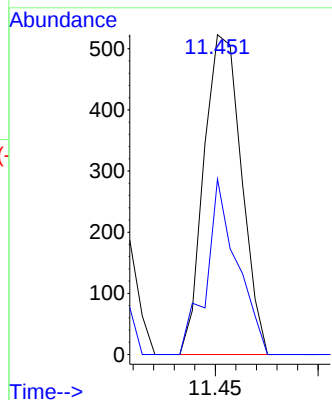
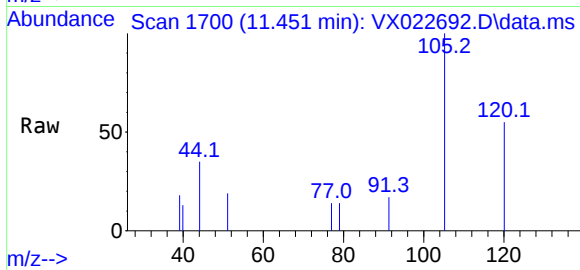




#80
1,3,5-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

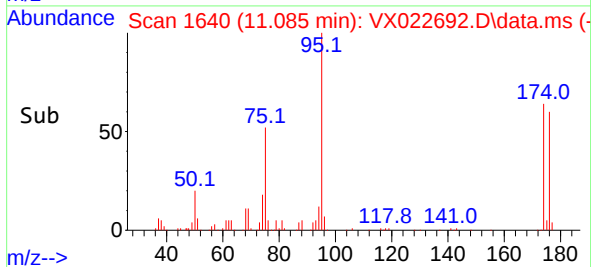
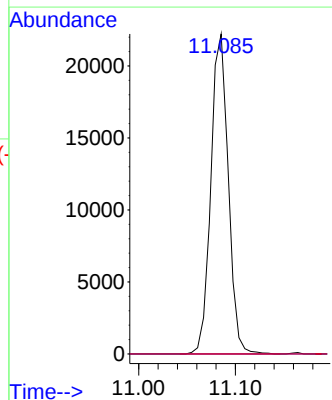
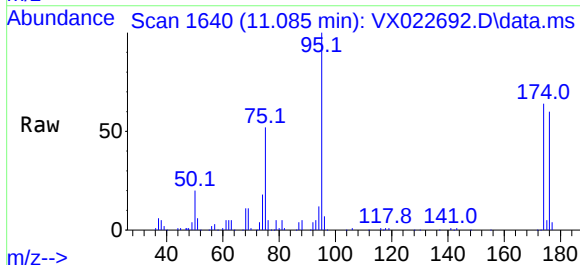
Instrument :
MSVOA_X
ClientSampled :

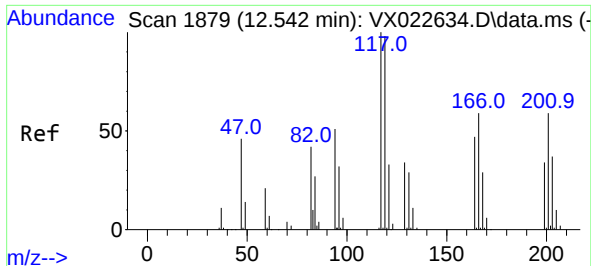
Tgt Ion:105 Resp: 664
Ion Ratio Lower Upper
105 100
120 44.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.33 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion: 75 Resp: 27733
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

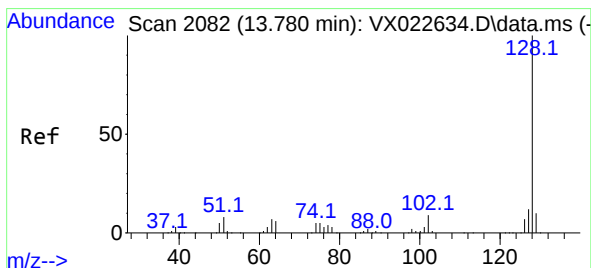
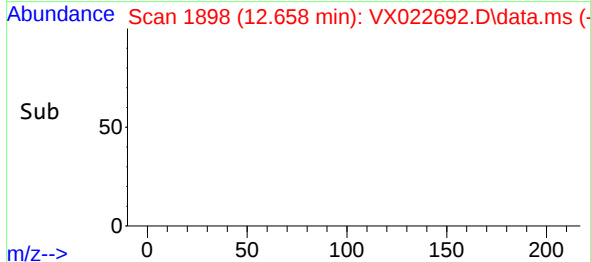
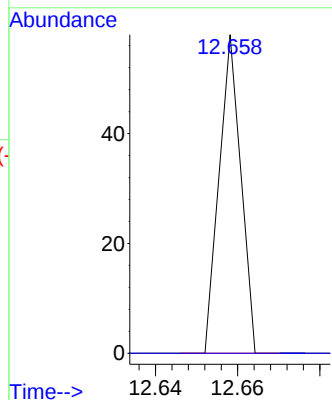
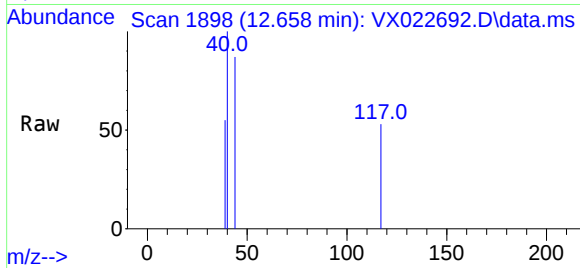




#90
Hexachloroethane
Concen: 3.71 ug/l
RT: 12.658 min Scan# 1898
Delta R.T. 0.116 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:117 Resp: 21
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.56 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022692.D
Acq: 14 Jun 2021 14:17

Tgt Ion:128 Resp: 308
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

