

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024208.D
 Acq On : 14 Sep 2021 15:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 15 01:56:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

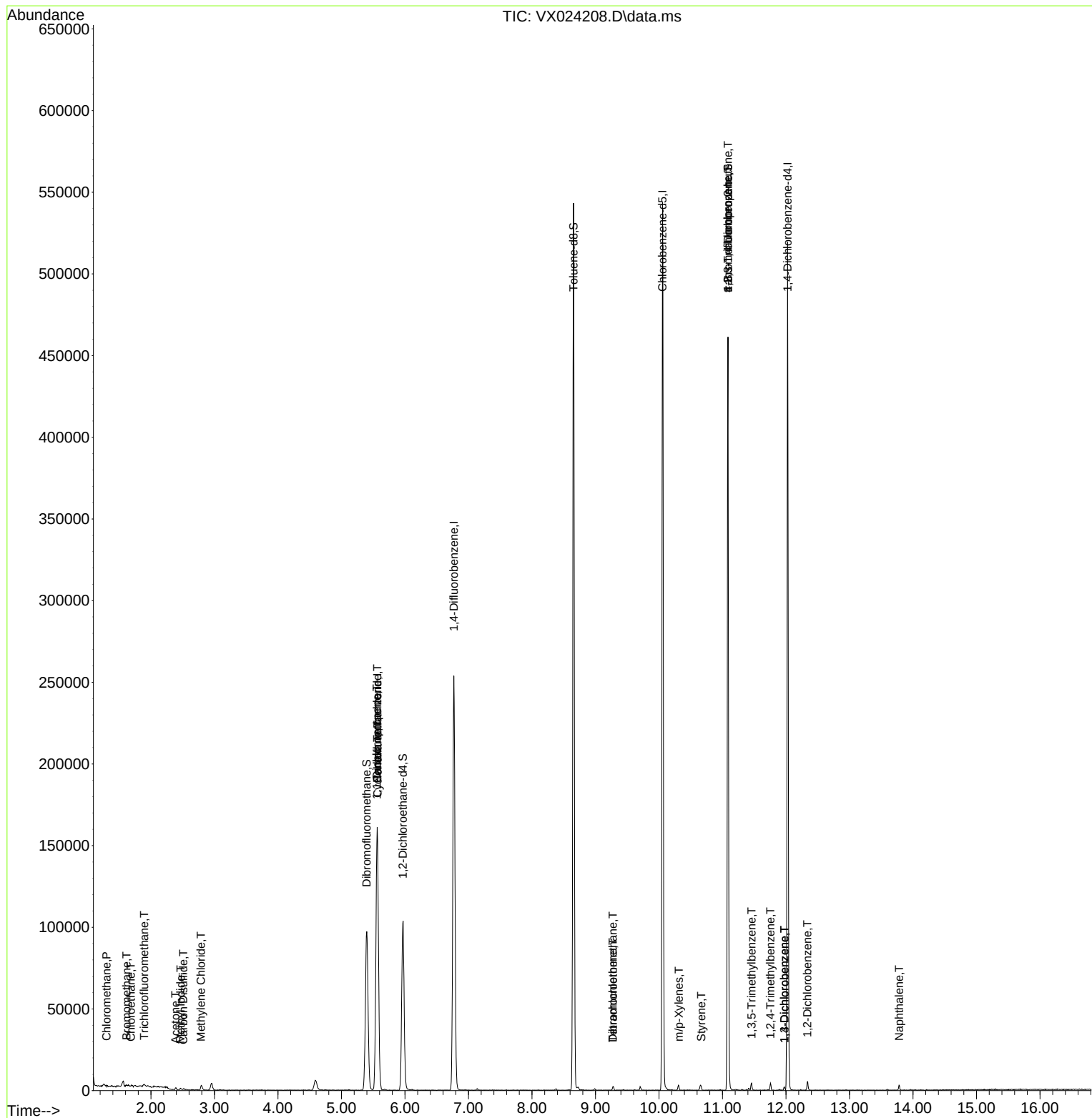
Internal Standards						
1) Pentafluorobenzene	5.562	168	150334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105767	49.338	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.680%		
35) Dibromofluoromethane	5.398	113	84334	49.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.653	98	313559	50.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.420%		
62) 4-Bromofluorobenzene	11.086	95	116738	48.511	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.020%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	337	0.223	ug/l #	77
5) Bromomethane	1.618	94	760	0.850	ug/l	96
6) Chloroethane	1.685	64	100	2.081	ug/l #	43
7) Trichlorofluoromethane	1.892	101	521	0.207	ug/l	97
10) Methyl Iodide	2.465	142	1117	0.546	ug/l #	82
11) Tert butyl alcohol	2.953	59	2680	Below Cal	#	76
16) Acetone	2.386	43	1189	1.301	ug/l #	77
17) Carbon Disulfide	2.508	76	900	0.259	ug/l #	75
20) Methylene Chloride	2.788	84	1347	0.767	ug/l	91
31) Cyclohexane	5.568	56	3361	1.340	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	11768	5.057	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15961	6.094	ug/l #	17
60) Dibromochloromethane	9.275	129	459	1.936	ug/l #	11
64) Tetrachloroethene	9.275	164	544	0.289	ug/l #	78
68) m/p-Xylenes	10.311	106	814	0.243	ug/l	86
70) Styrene	10.665	104	1099	0.202	ug/l	99
76) 1,2,3-Trichloropropane	11.086	75	62137	26.351	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	1879	0.292	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.086	75	62137	77.497	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	1884	0.298	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	849	0.247	ug/l	98
88) 1,4-Dichlorobenzene	11.976	146	849	0.242	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	1784	0.529	ug/l	94
95) Naphthalene	13.780	128	2173	1.576	ug/l	97

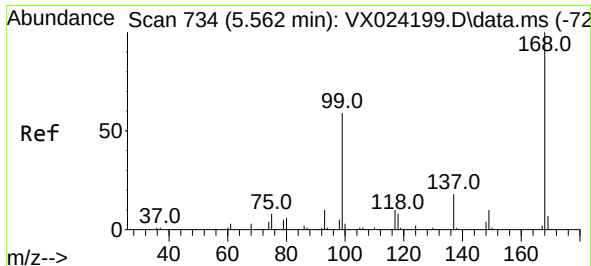
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
Data File : VX024208.D
Acq On : 14 Sep 2021 15:30
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
IBLK

Quant Time: Sep 15 01:56:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

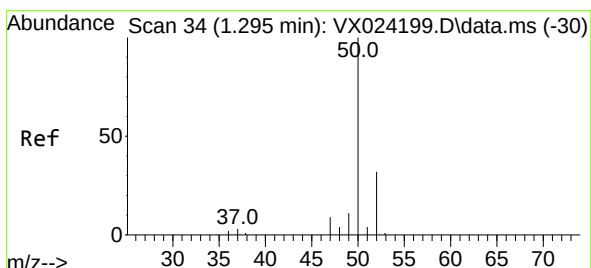
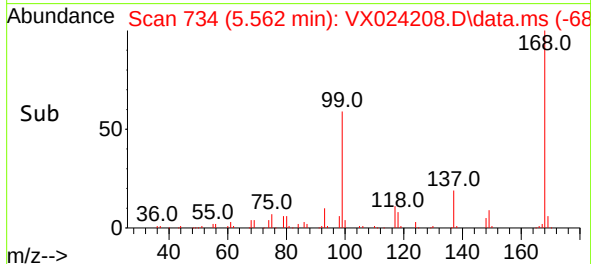
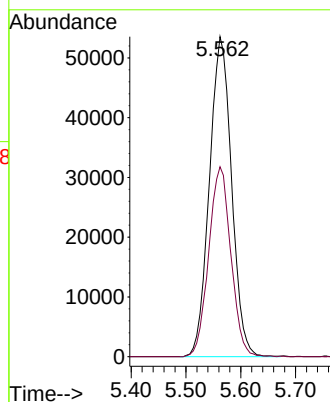
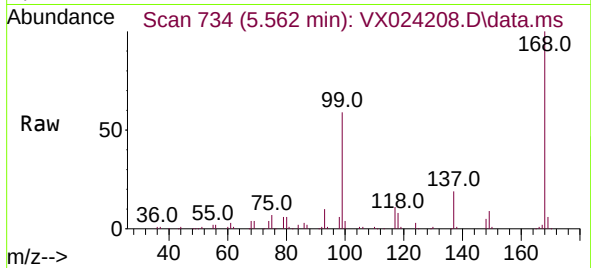




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

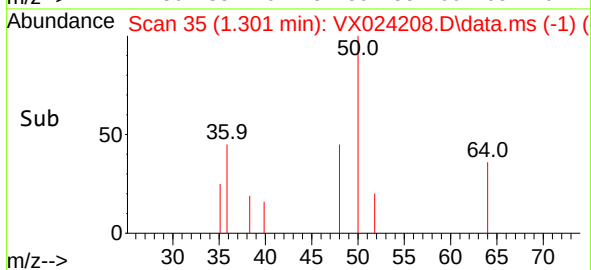
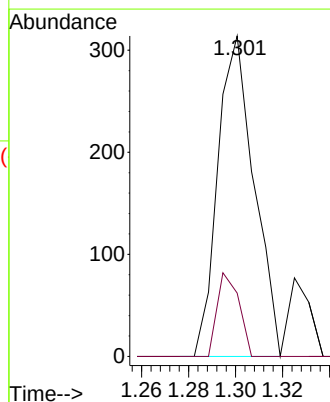
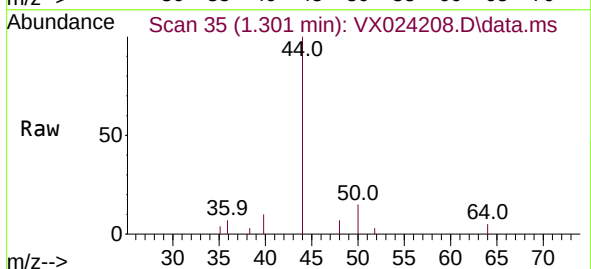
Instrument :
MSVOA_X
ClientSampled :
IBLK

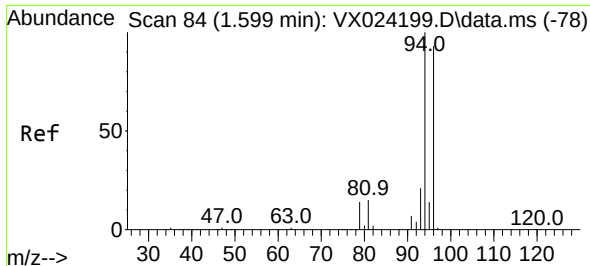
Tgt Ion:168 Resp: 150334
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 19.7 26.4 39.6#

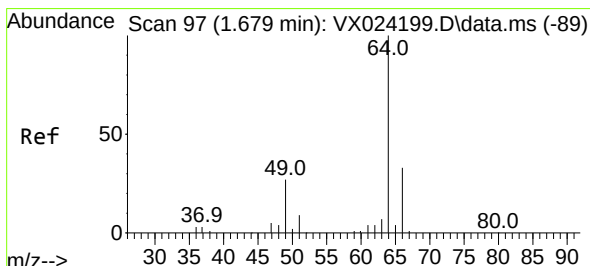
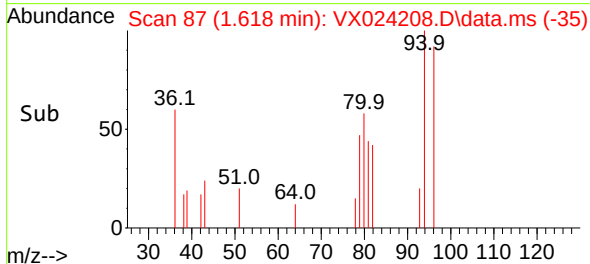
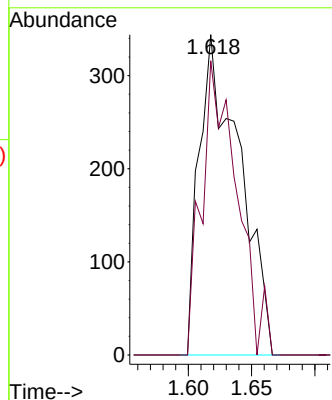
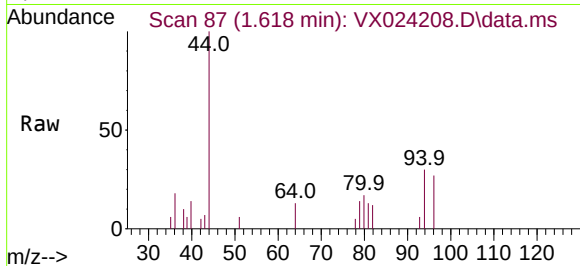




#5
Bromomethane
Concen: 0.850 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

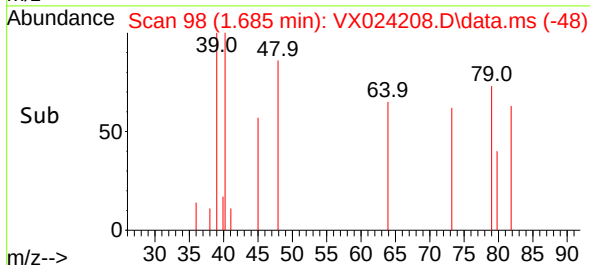
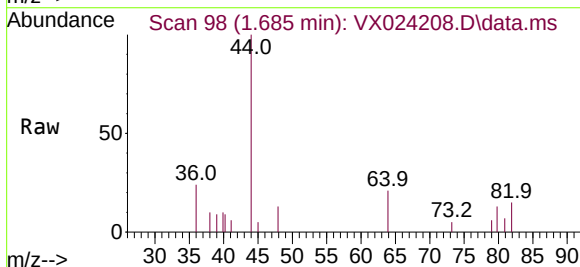
Instrument :
MSVOA_X
ClientSampled :
IBLK

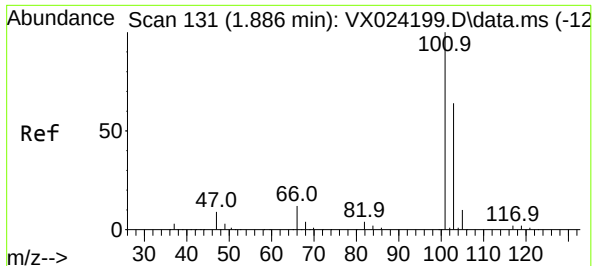
Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 91.9 76.4 114.6



#6
Chloroethane
Concen: 2.081 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

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

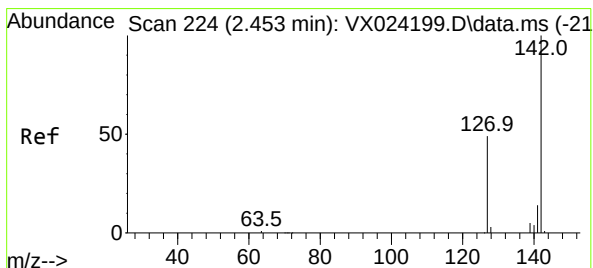
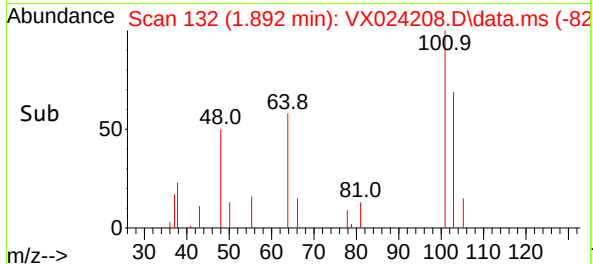
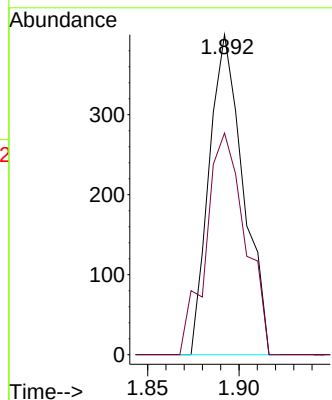
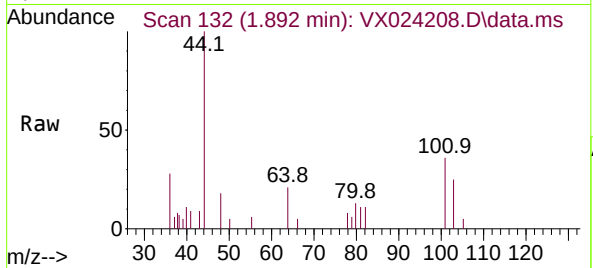




#7
Trichlorofluoromethane
Concen: 0.207 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

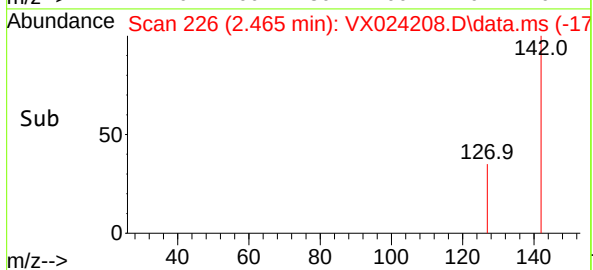
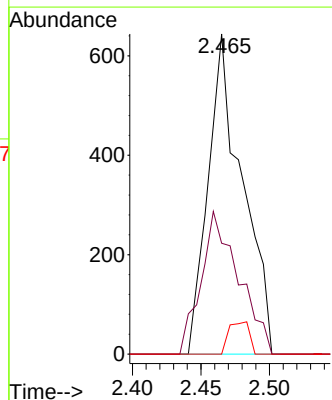
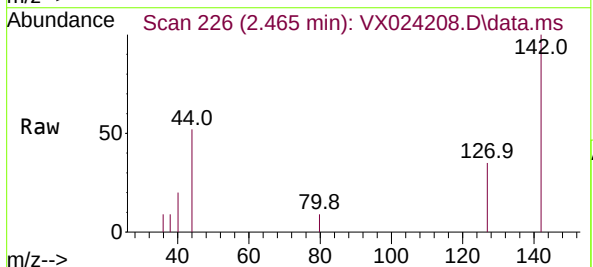
Instrument :
MSVOA_X
ClientSampled :
IBLK

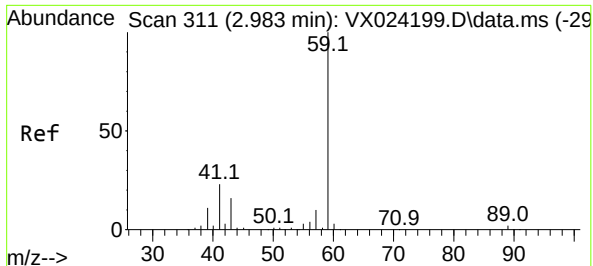
Tgt Ion:101 Resp: 521
Ion Ratio Lower Upper
101 100
103 69.3 53.2 79.8



#10
Methyl Iodide
Concen: 0.546 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:142 Resp: 1117
Ion Ratio Lower Upper
142 100
127 49.2 33.3 49.9
141 0.0 11.4 17.0#



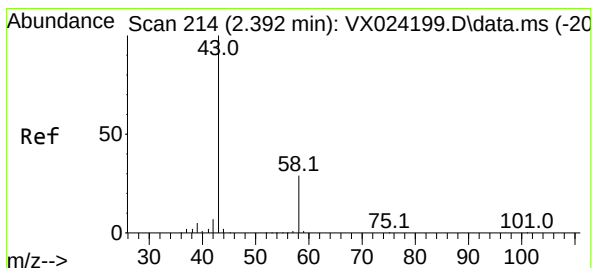
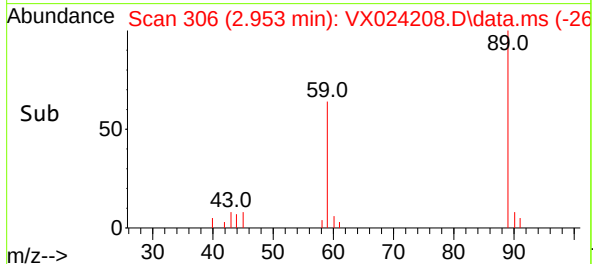
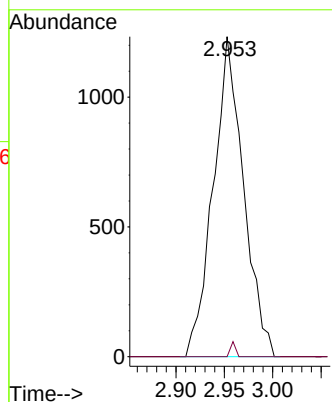
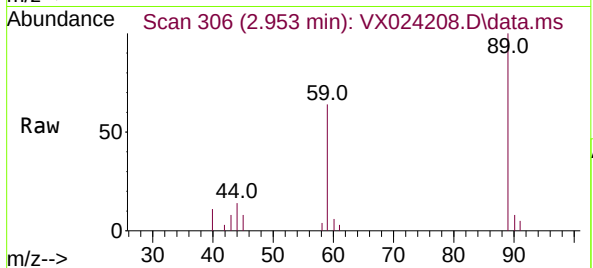


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

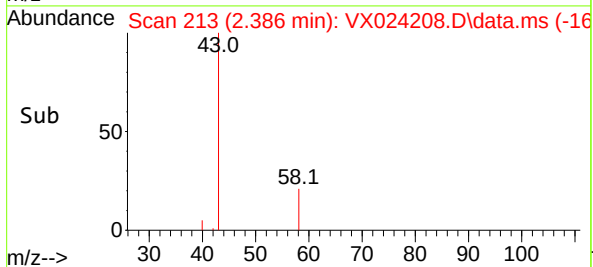
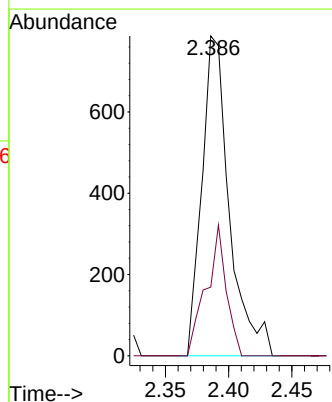
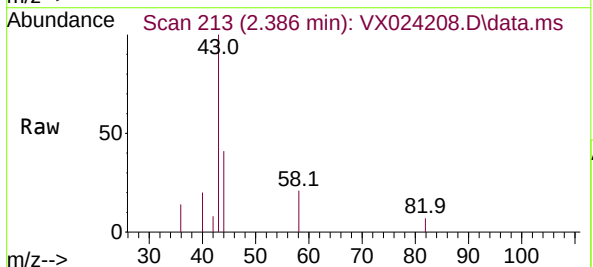
Tgt Ion: 59 Resp: 2680
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.8#

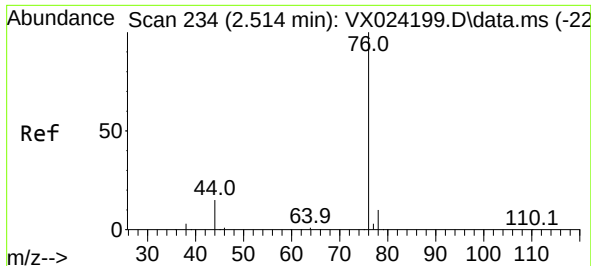


#16

Acetone
Concen: 1.301 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#

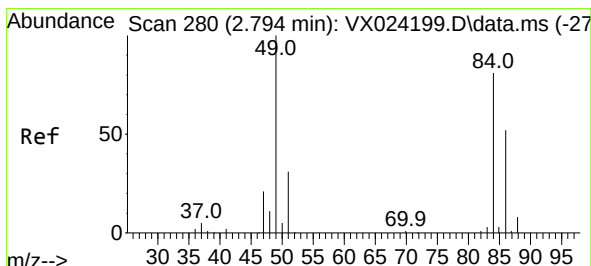
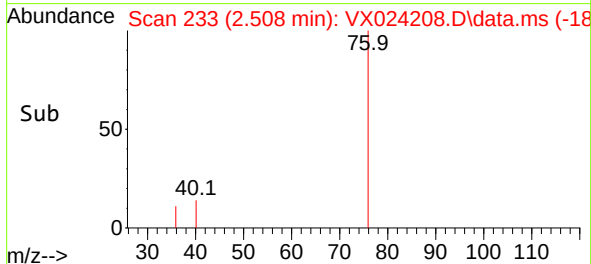
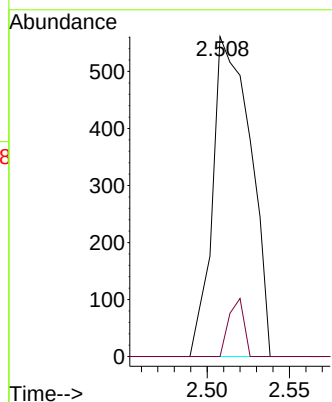
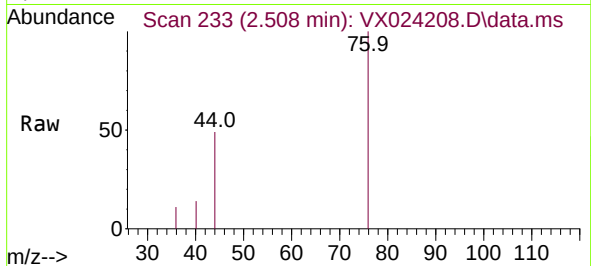




#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

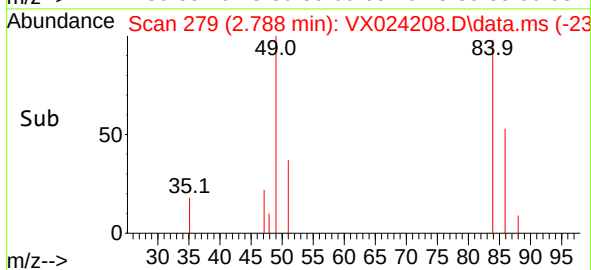
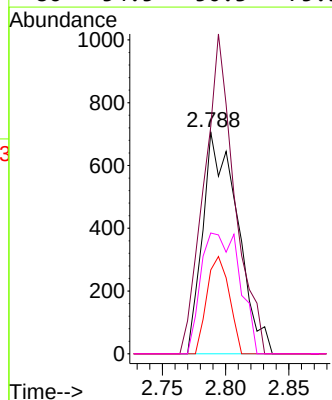
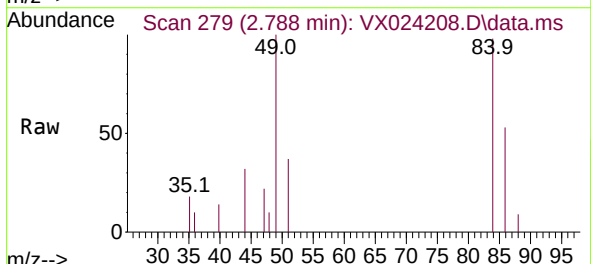
Instrument :
MSVOA_X
ClientSampled :
IBLK

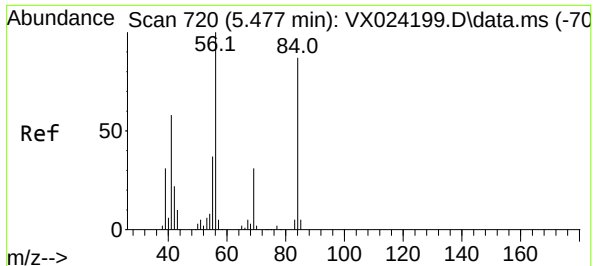
Tgt Ion: 76 Resp: 900
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.767 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 84 Resp: 1347
Ion Ratio Lower Upper
84 100
49 102.5 88.6 132.8
51 37.8 27.0 40.6
86 54.5 50.3 75.5

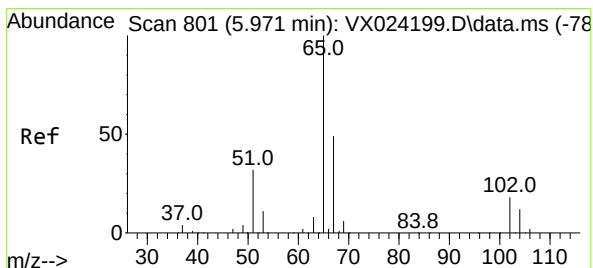
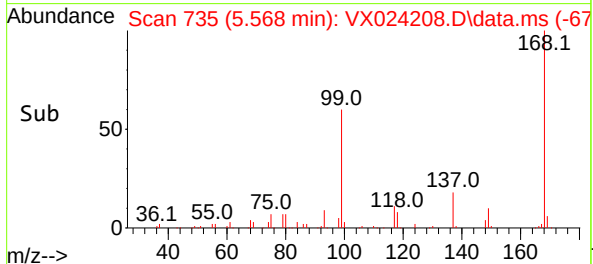
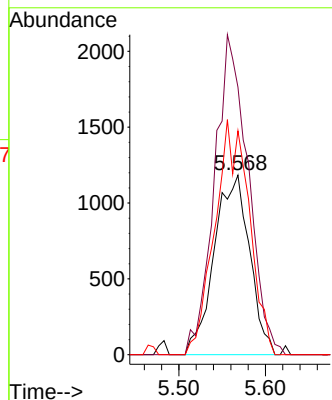
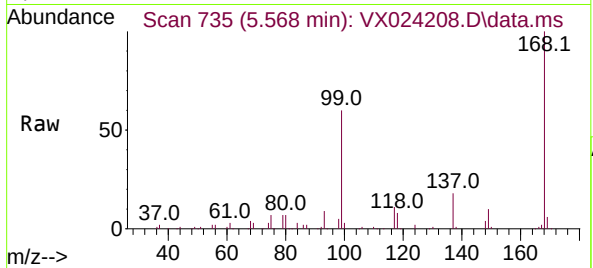




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

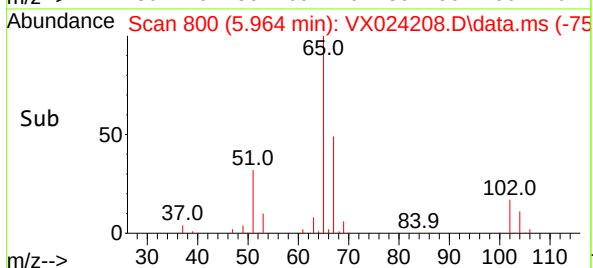
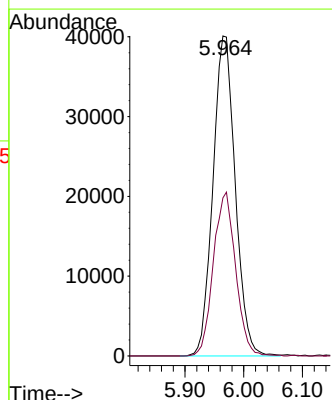
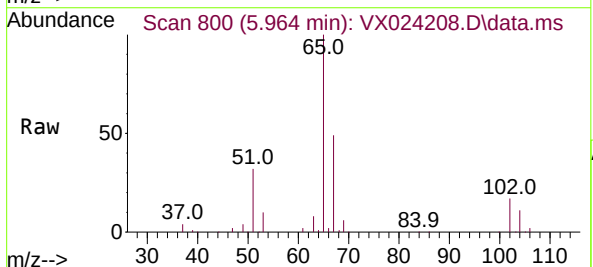
Instrument :
MSVOA_X
ClientSampled :
IBLK

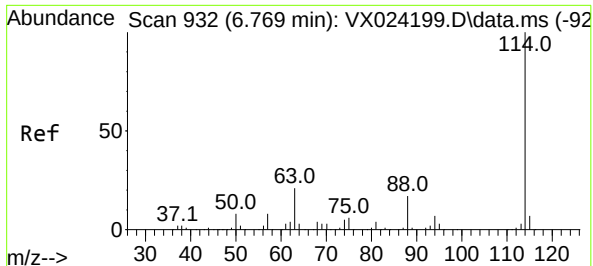
Tgt Ion: 56 Resp: 3361
Ion Ratio Lower Upper
56 100
69 149.0 25.3 37.9#
84 124.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.338 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 65 Resp: 105767
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

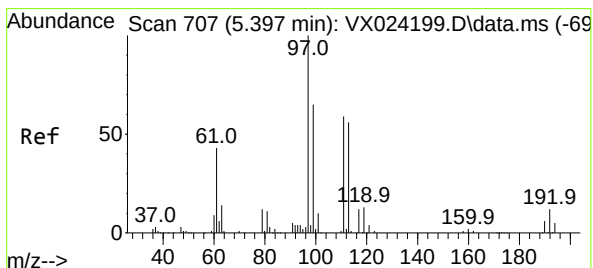
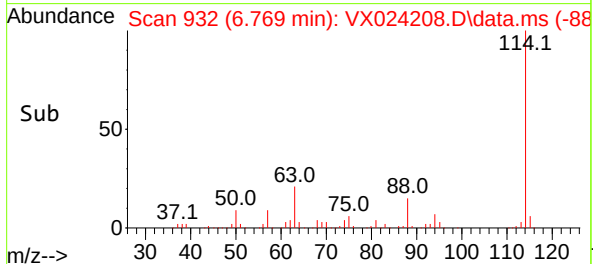
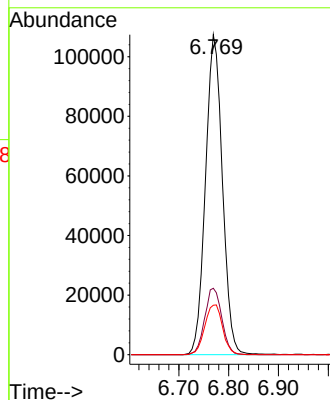
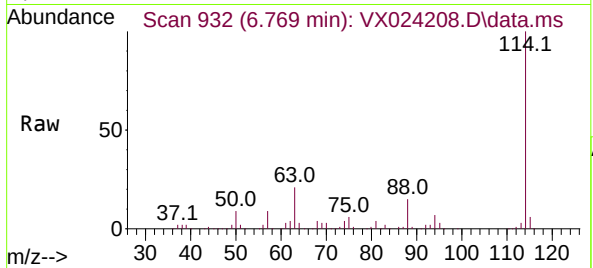




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

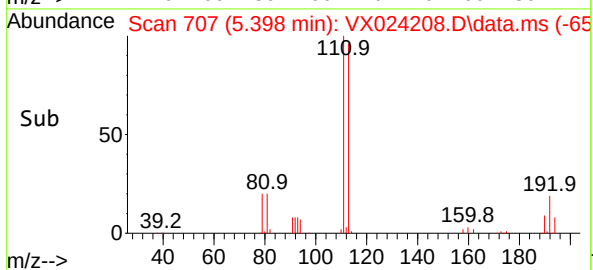
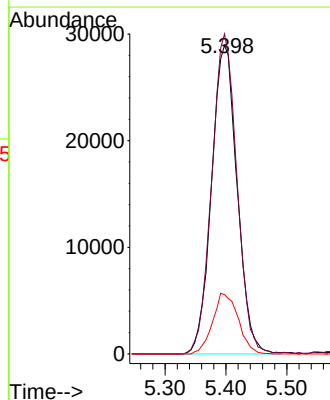
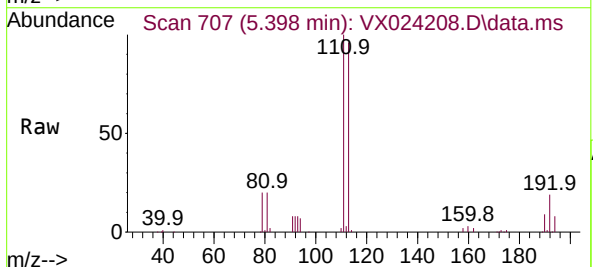
Instrument :
MSVOA_X
ClientSampled :
IBLK

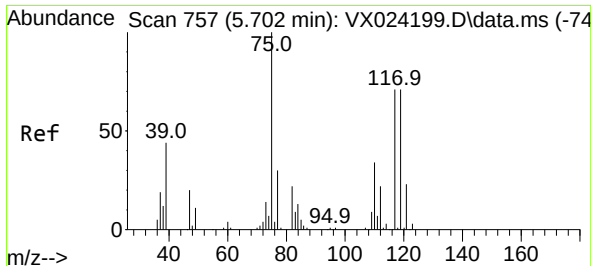
Tgt Ion:114 Resp: 253099
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.685 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:113 Resp: 84334
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.057 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024208.D

Acq: 14 Sep 2021 15:30

Tgt Ion: 75 Resp: 11768

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

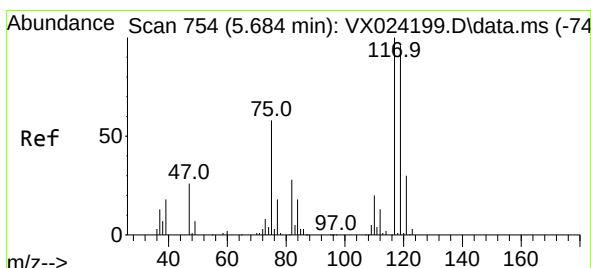
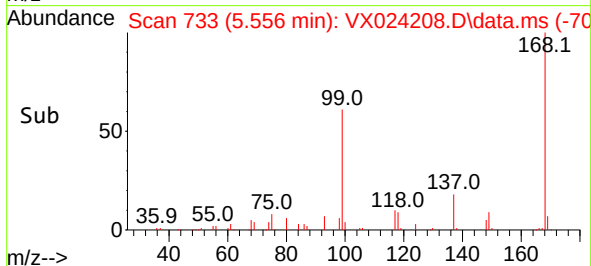
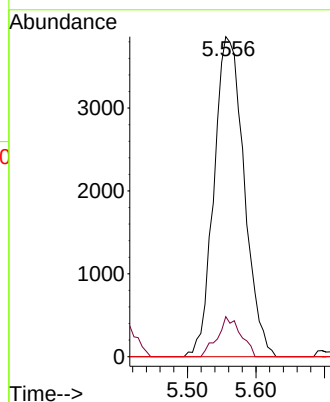
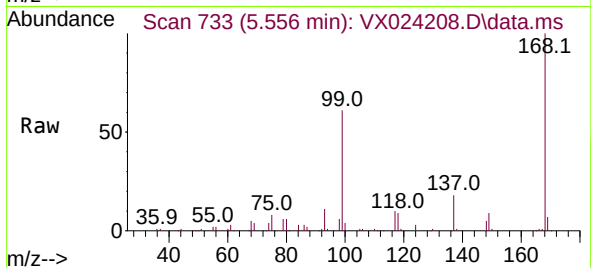
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

IBLK



#38

Carbon Tetrachloride

Concen: 6.094 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX024208.D

Acq: 14 Sep 2021 15:30

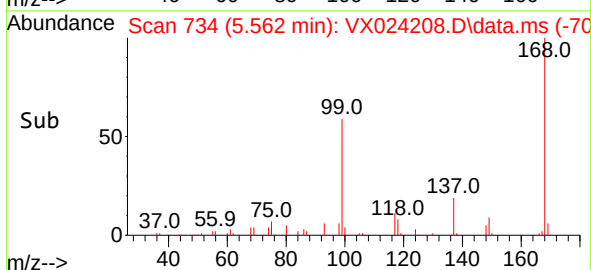
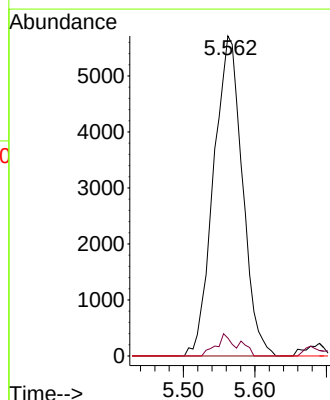
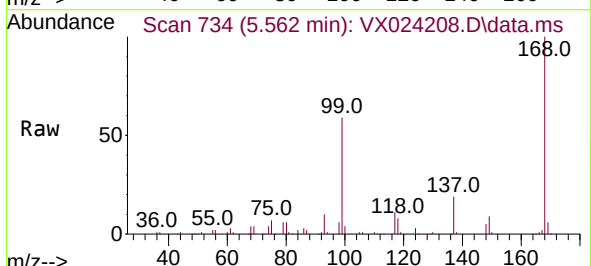
Tgt Ion: 117 Resp: 15961

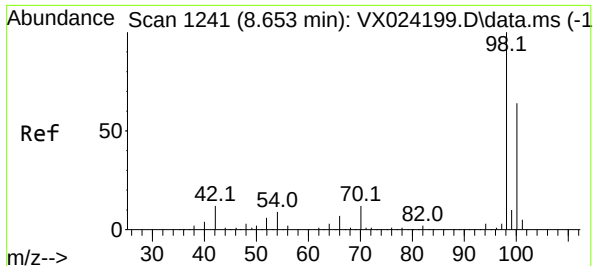
Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.2#

121 0.0 24.8 37.2#

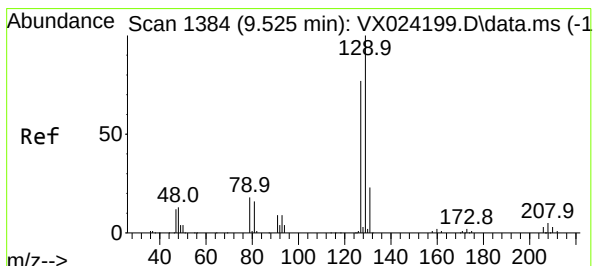
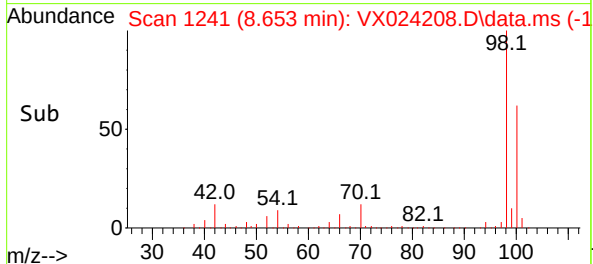
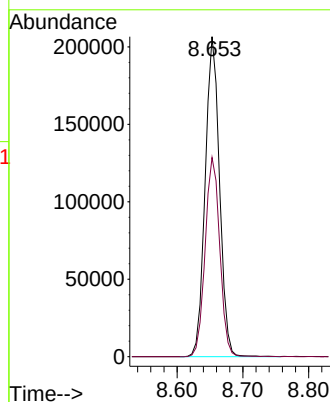
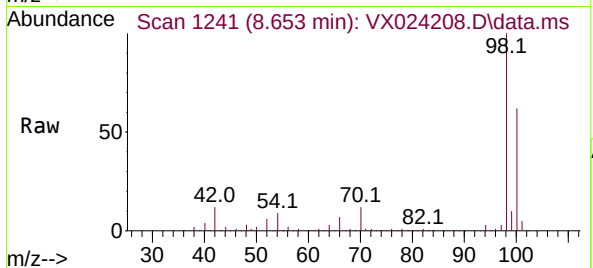




#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

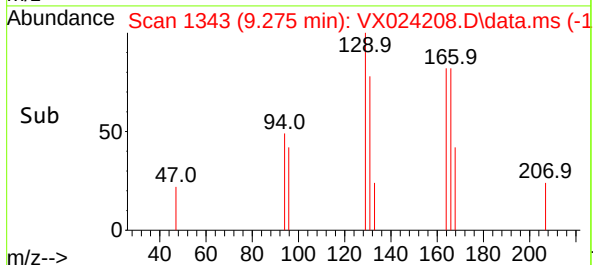
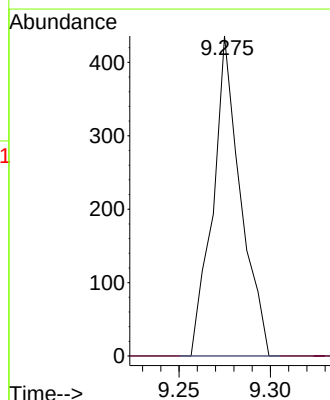
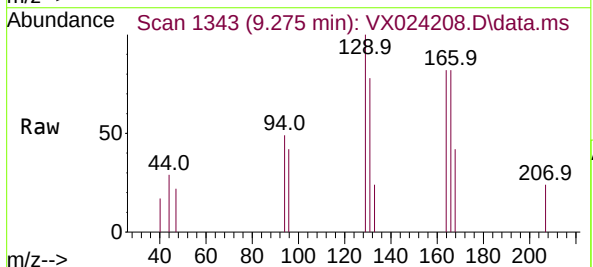
Instrument :
MSVOA_X
ClientSampled :
IBLK

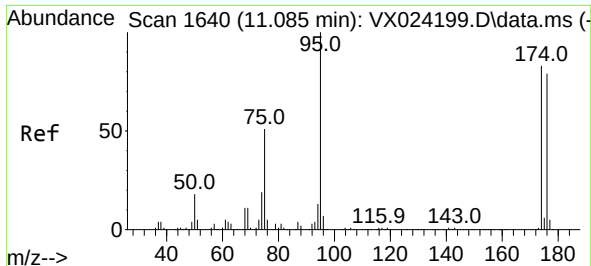
Tgt Ion: 98 Resp: 313559
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#60
Dibromochloromethane
Concen: 1.936 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:129 Resp: 459
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

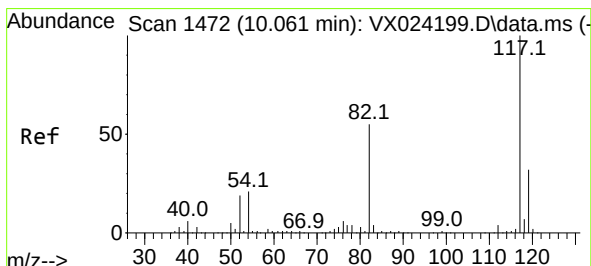
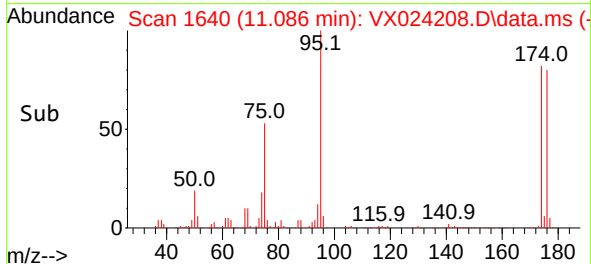
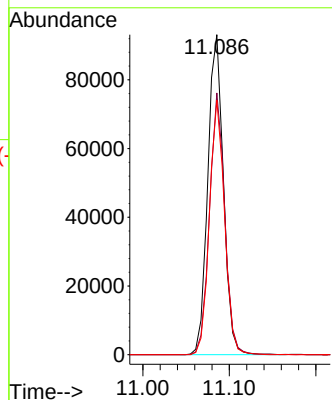
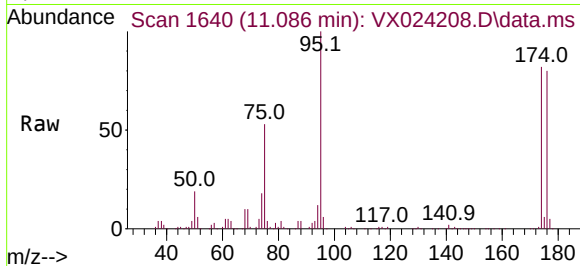




#62
4-Bromofluorobenzene
Concen: 48.511 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

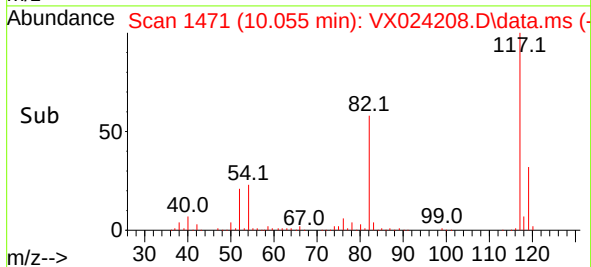
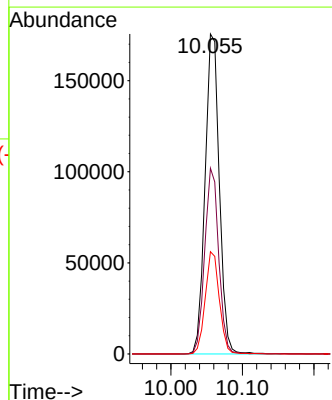
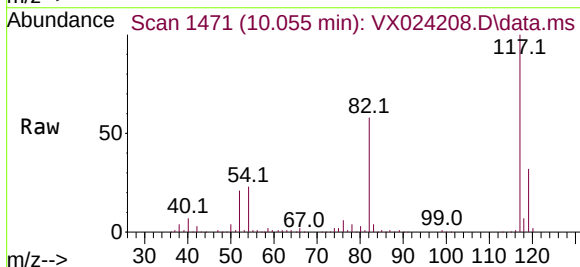
Instrument :
MSVOA_X
ClientSampled :
IBLK

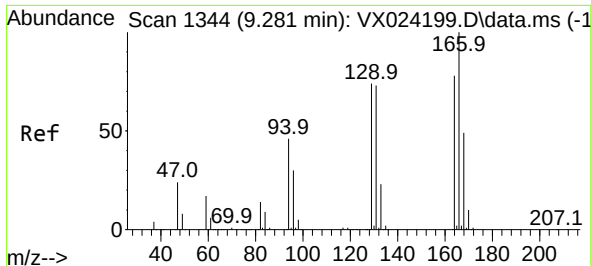
Tgt Ion: 95 Resp: 116738
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 77.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

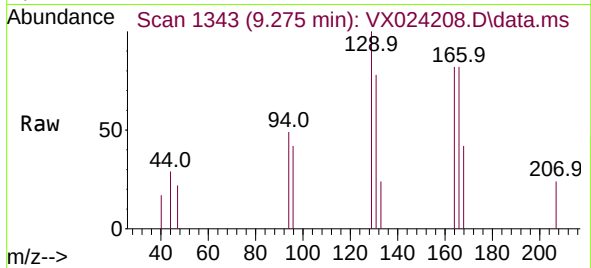
Tgt Ion: 117 Resp: 243251
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.9 26.6 39.8



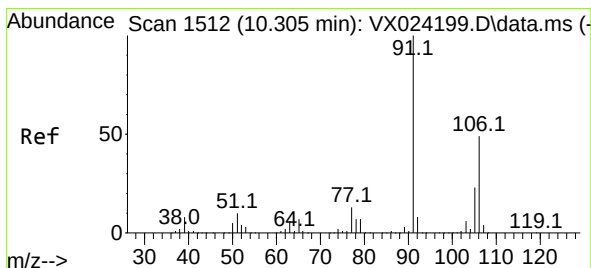
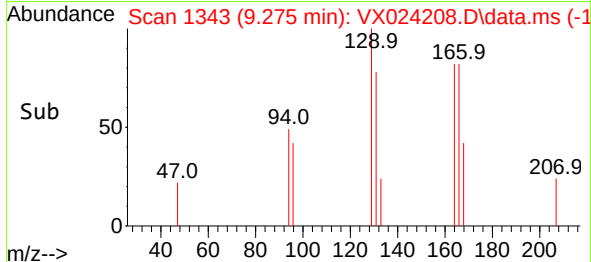
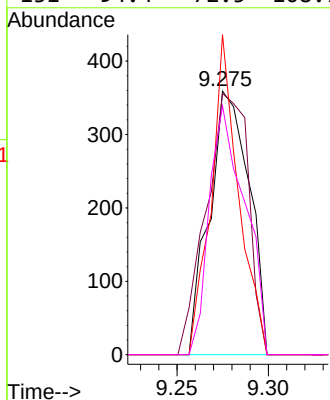


#64
Tetrachloroethene
Concen: 0.289 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

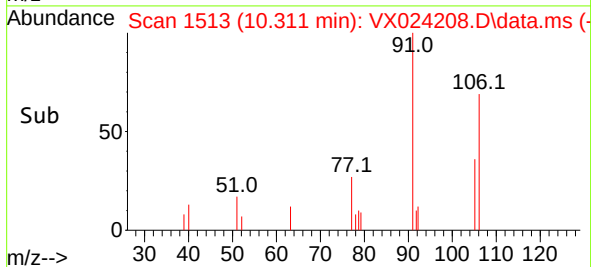
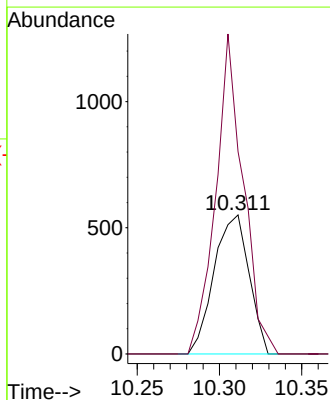
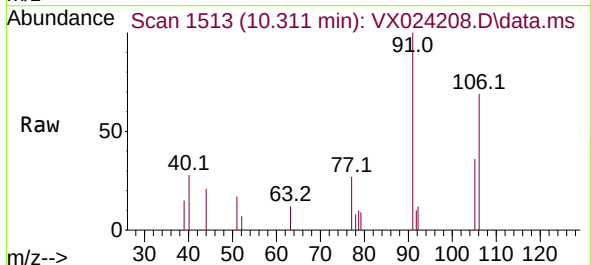


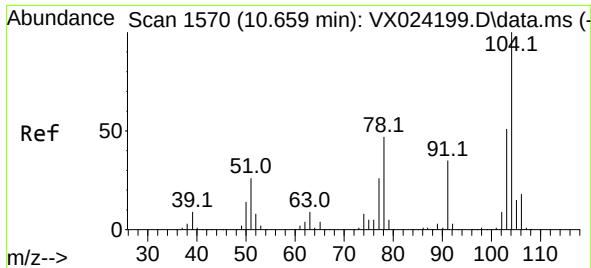
Tgt Ion:164 Resp: 544
Ion Ratio Lower Upper
164 100
166 99.2 103.4 155.2#
129 121.4 70.8 106.2#
131 94.4 72.5 108.7



#68
m/p-Xylenes
Concen: 0.243 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:106 Resp: 814
Ion Ratio Lower Upper
106 100
91 181.6 162.8 244.2

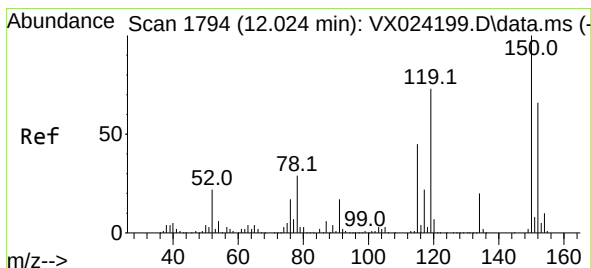
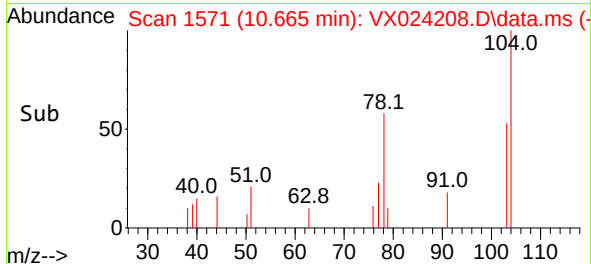
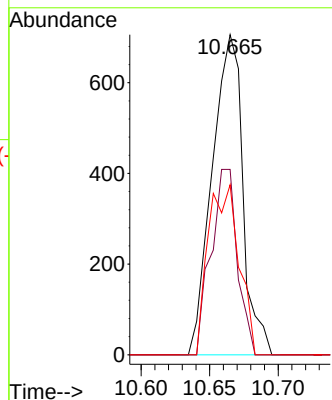
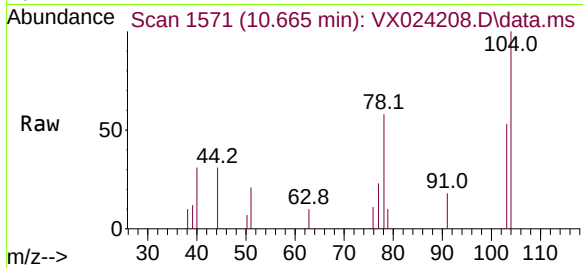




#70
Styrene
Concen: 0.202 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

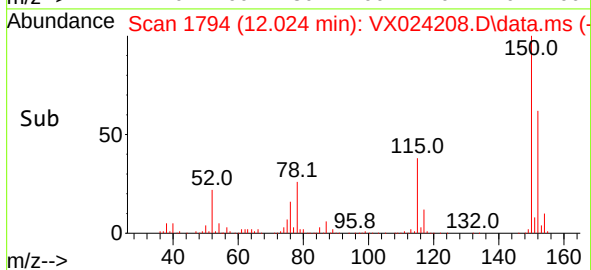
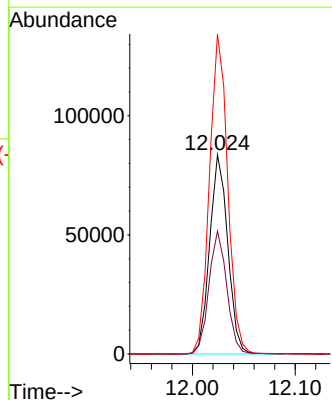
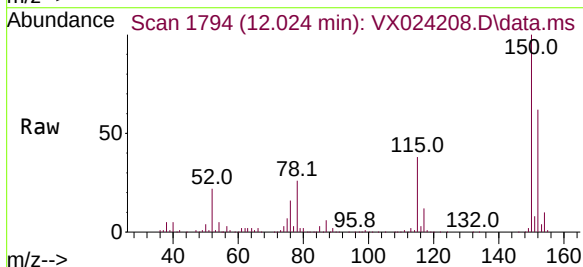
Instrument :
MSVOA_X
ClientSampled :
IBLK

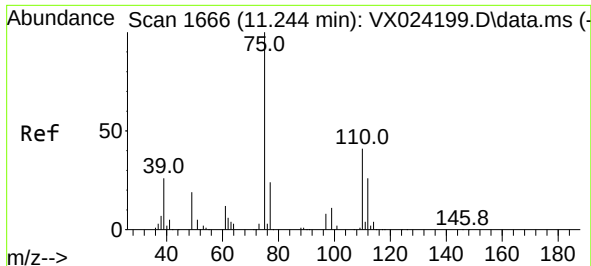
Tgt Ion:104	Resp:	1099
Ion Ratio	Lower	Upper
104	100	
78	49.6	40.0 60.0
103	53.1	43.4 65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:152	Resp:	102552
Ion Ratio	Lower	Upper
152	100	
115	61.2	41.1 123.3
150	161.5	0.0 349.0

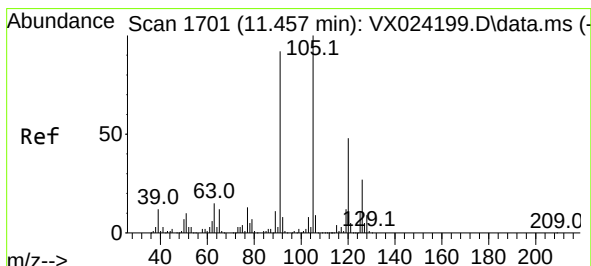
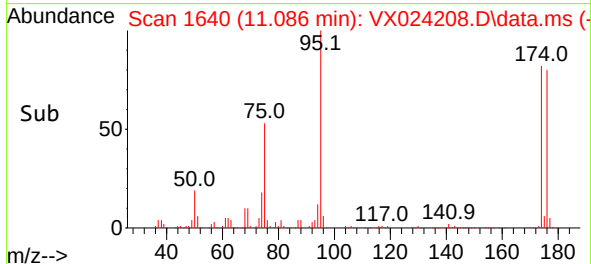
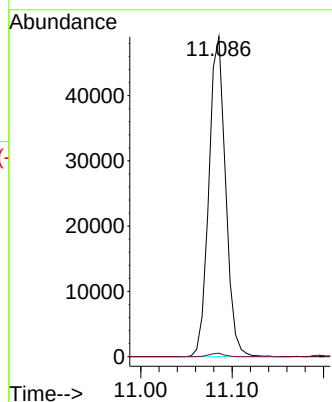
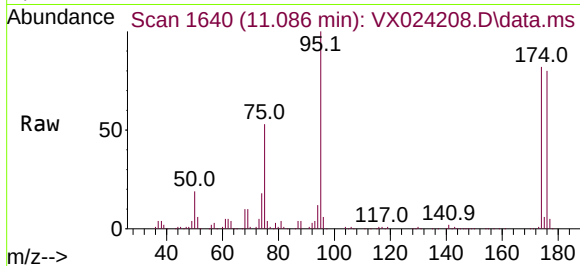




#76
1,2,3-Trichloropropane
Concen: 26.351 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

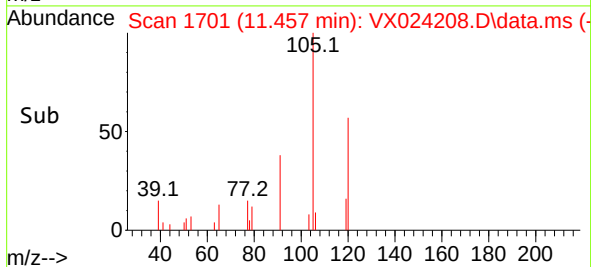
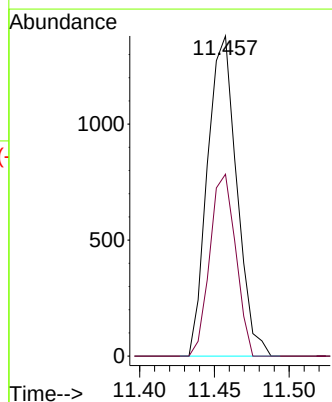
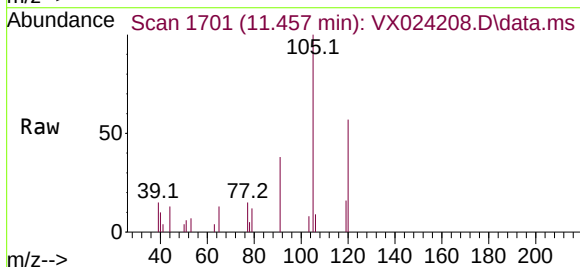
Instrument :
MSVOA_X
ClientSampled :
IBLK

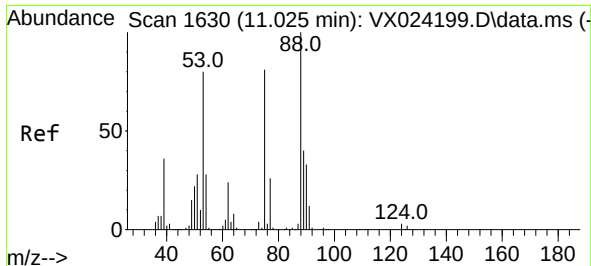
Tgt Ion: 75 Resp: 62137
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 105 Resp: 1879
Ion Ratio Lower Upper
105 100
120 50.1 23.8 71.5

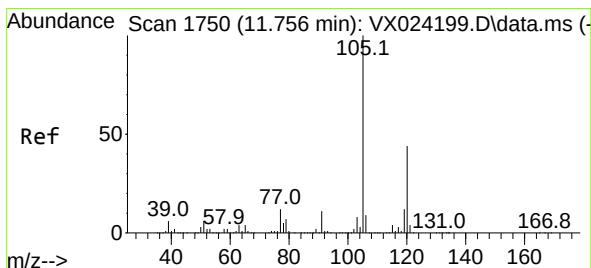
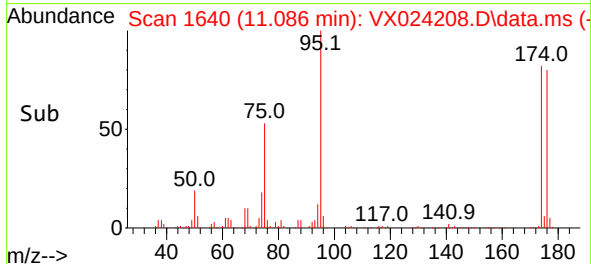
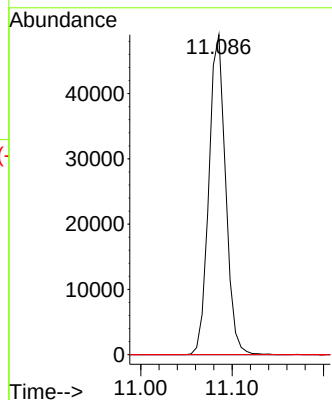
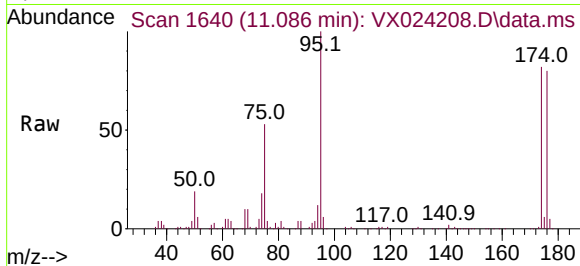




#81
trans-1,4-Dichloro-2-butene
Concen: 77.497 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

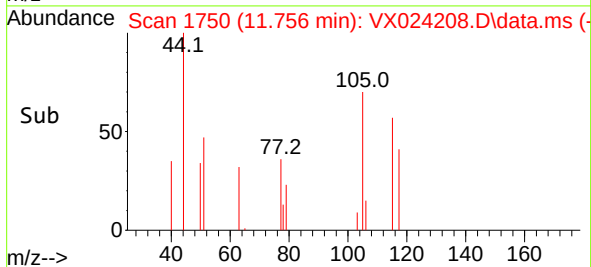
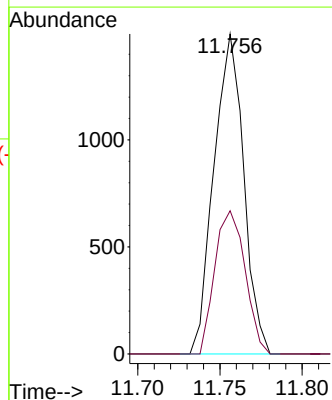
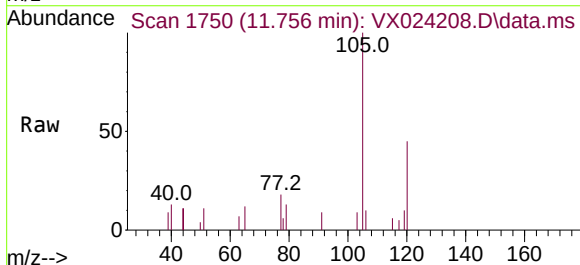
Instrument :
MSVOA_X
ClientSampled :
IBLK

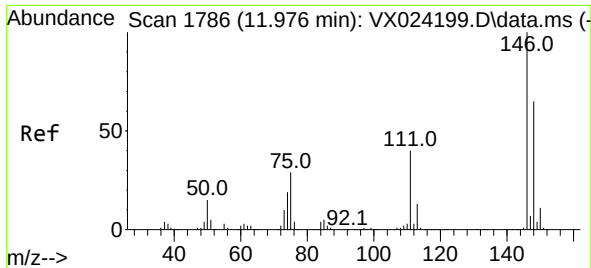
Tgt Ion: 75 Resp: 62137
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion: 105 Resp: 1884
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3

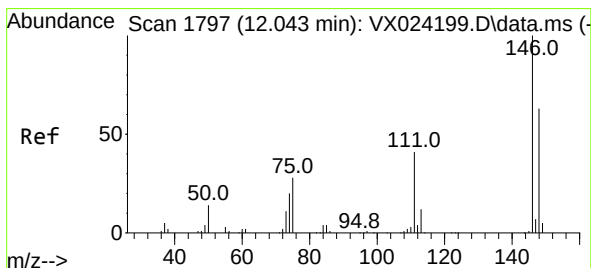
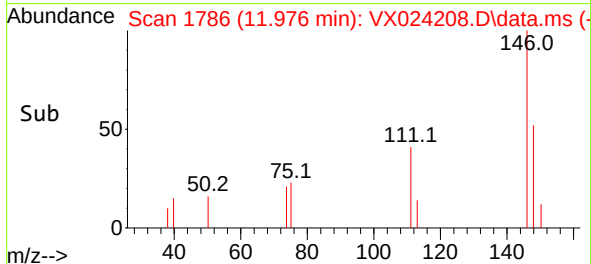
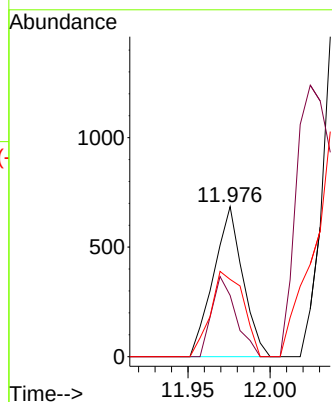
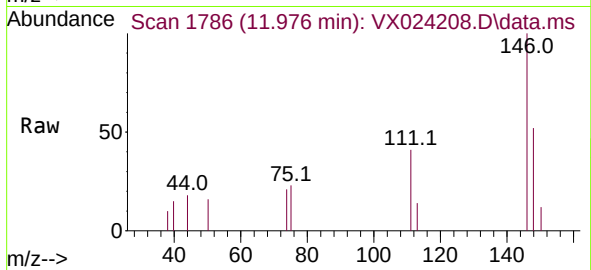




#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

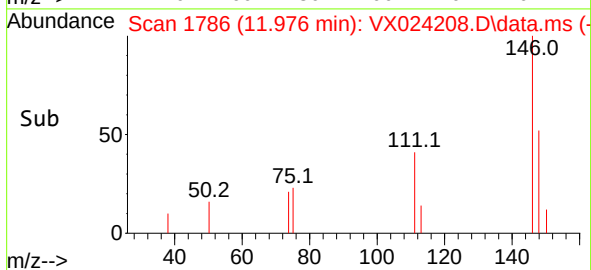
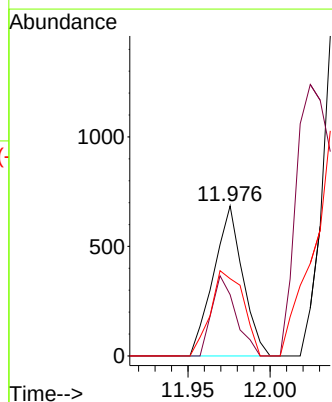
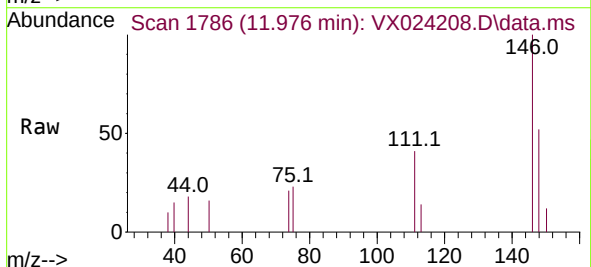
Instrument :
MSVOA_X
ClientSampled :
IBLK

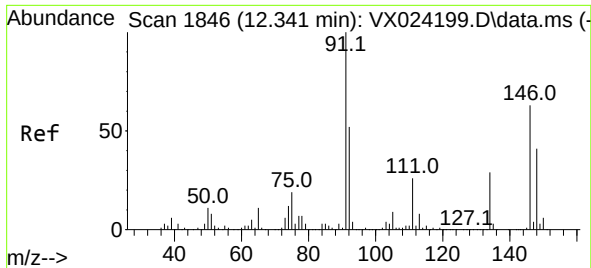
Tgt Ion:146 Resp: 849
Ion Ratio Lower Upper
146 100
111 43.8 20.2 60.5
148 63.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.242 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:146 Resp: 849
Ion Ratio Lower Upper
146 100
111 43.8 19.6 58.8
148 63.5 31.6 95.0

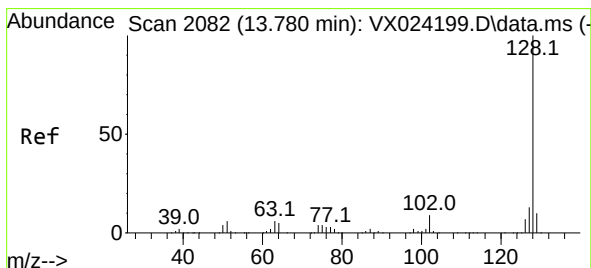
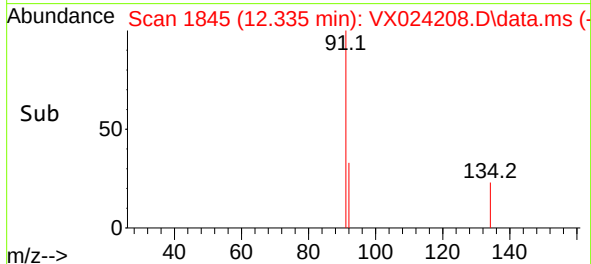
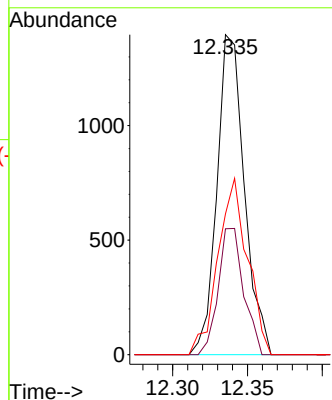
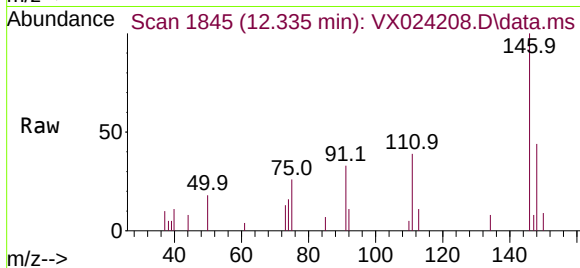




#91
1,2-Dichlorobenzene
Concen: 0.529 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:	146	Resp:	1784
Ion	Ratio	Lower	Upper
146	100		
111	36.5	20.8	62.2
148	59.5	31.9	95.5



#95
Naphthalene
Concen: 1.576 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024208.D
Acq: 14 Sep 2021 15:30

Tgt Ion:	128	Resp:	2173
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	12.0	8.8	13.2

