

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023987.D
 Acq On : 27 Aug 2021 13:11
 Operator : JC/MD
 Sample : M3535-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:55:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

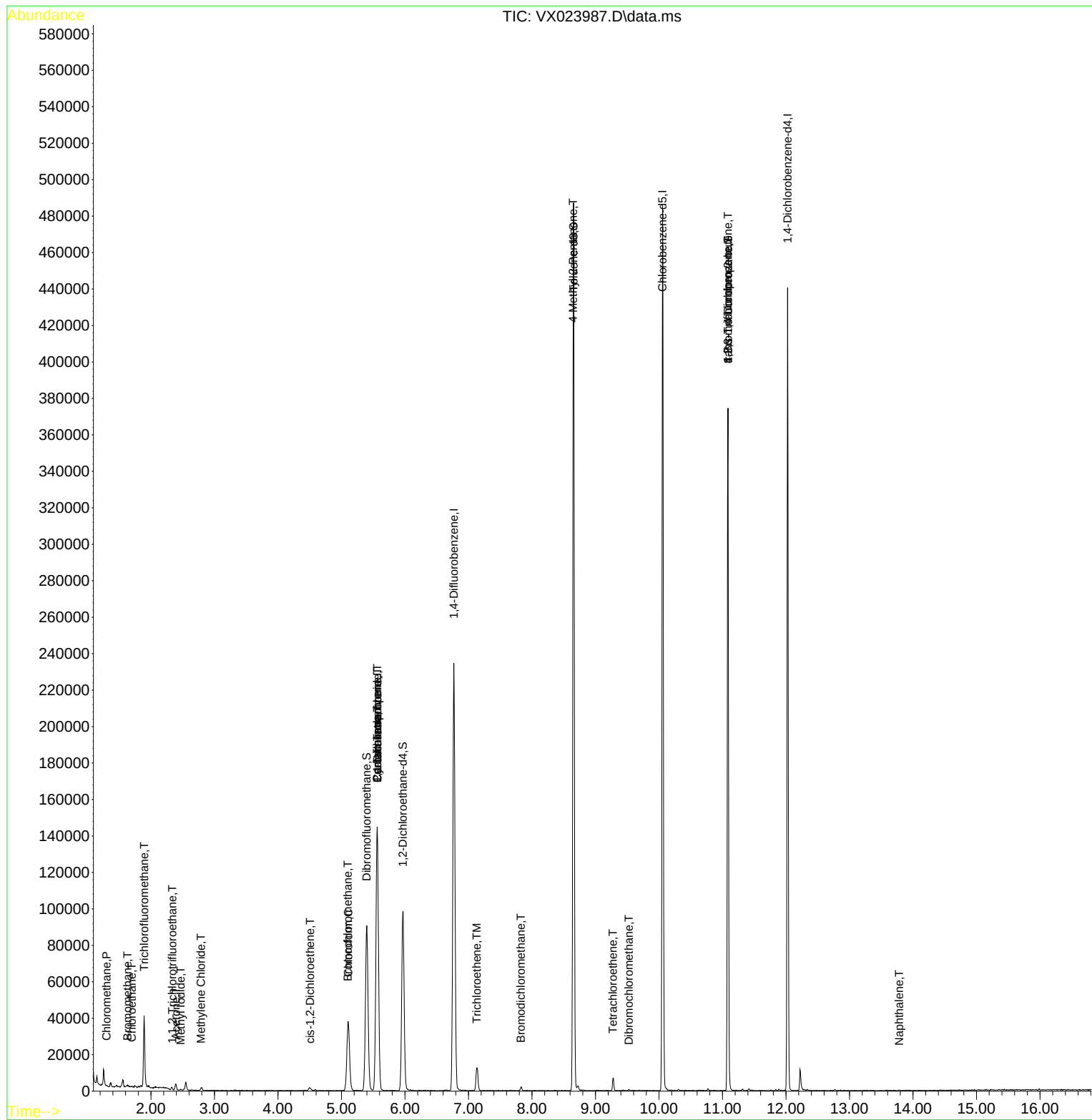
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	132947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98900	53.300	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.600%		
35) Dibromofluoromethane	5.398	113	76217	51.085	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.160%		
50) Toluene-d8	8.653	98	277043	48.788	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.580%		
62) 4-Bromofluorobenzene	11.086	95	94737	45.319	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.640%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	402	0.261	ug/l	92
5) Bromomethane	1.630	94	551	0.584	ug/l #	70
6) Chloroethane	1.697	64	98	2.292	ug/l #	43
7) Trichlorofluoromethane	1.892	101	23766	10.021	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	282	0.211	ug/l	89
10) Methyl Iodide	2.465	142	609	0.328	ug/l #	81
16) Acetone	2.392	43	3560	4.291	ug/l #	87
20) Methylene Chloride	2.788	84	678	0.428	ug/l	87
27) cis-1,2-Dichloroethene	4.507	96	1072	0.661	ug/l	97
28) Bromochloromethane	5.099	49	3964	3.345	ug/l #	9
30) Chloroform	5.105	83	43646	15.816	ug/l	95
31) Cyclohexane	5.562	56	3060	1.284	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11183	5.357	ug/l #	48
38) Carbon Tetrachloride	5.562	117	14080	6.468	ug/l #	17
44) Trichloroethene	7.129	130	5236	3.071	ug/l	96
47) Bromodichloromethane	7.824	83	1389	0.673	ug/l #	83
51) 4-Methyl-2-Pentanone	8.647	43	1518	0.585	ug/l #	1
60) Dibromochloromethane	9.525	129	104	1.743	ug/l	81
64) Tetrachloroethene	9.275	164	1175	0.694	ug/l	94
76) 1,2,3-Trichloropropane	11.086	75	51414	25.815	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	51414	75.936	ug/l #	12
95) Naphthalene	13.780	128	279	1.326	ug/l #	69

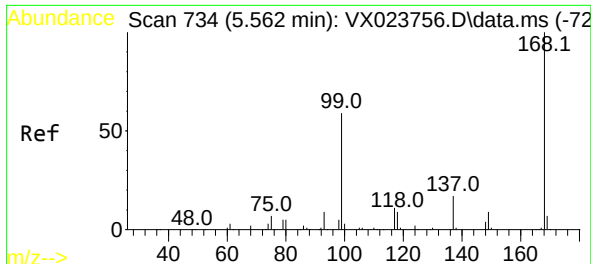
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Aug 28 04:55:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

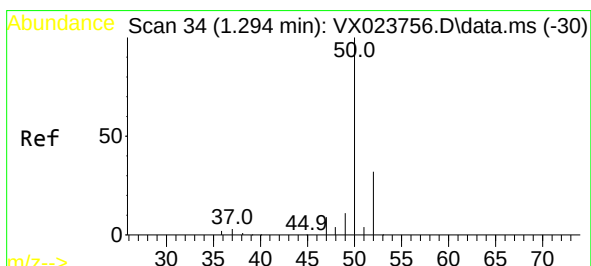
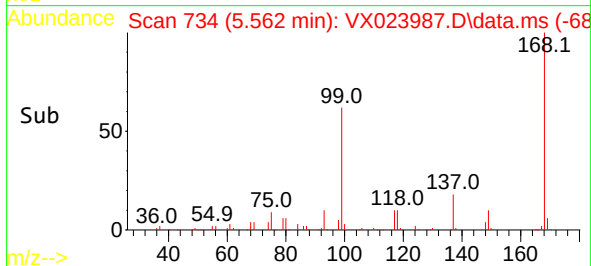
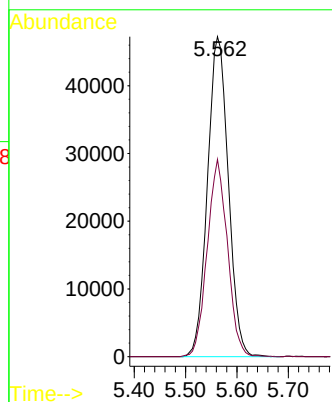
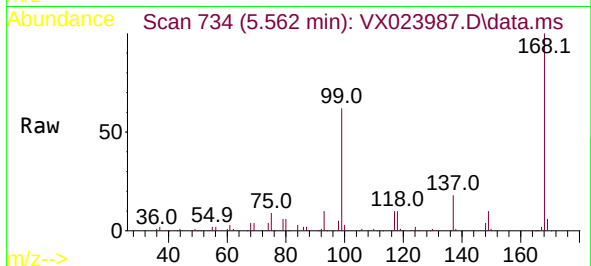




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

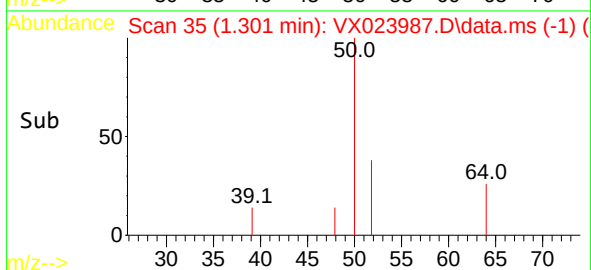
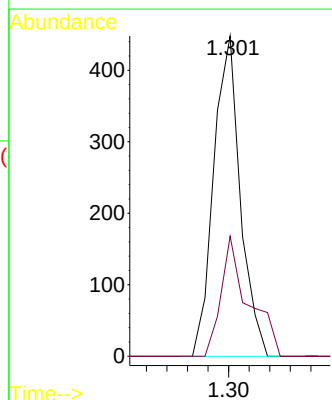
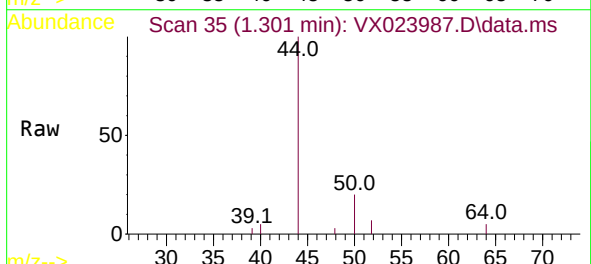
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 132947
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6

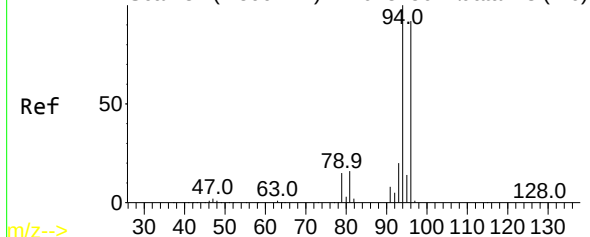


#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 50 Resp: 402
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6



Abundance Scan 84 (1.599 min): VX023756.D\data.ms (-76)

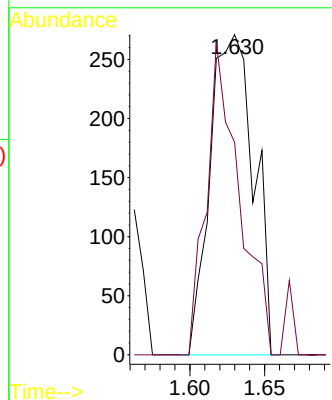
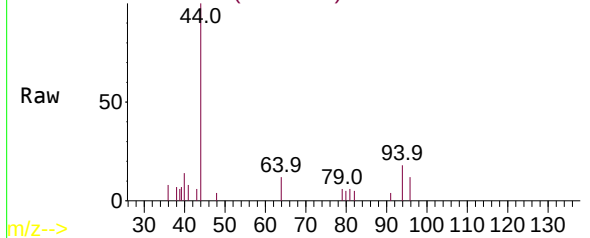


#5
Bromomethane
Concen: 0.584 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

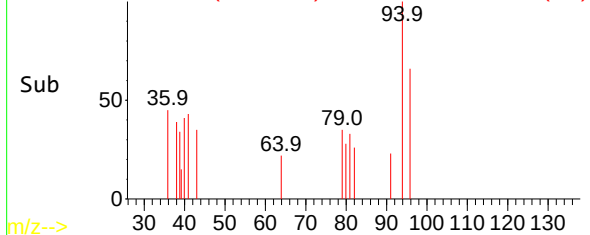
Tgt Ion: 94 Resp: 551
Ion Ratio Lower Upper
94 100
96 66.4 76.4 114.6#

Instrument :
MSVOA_X
ClientSampled :

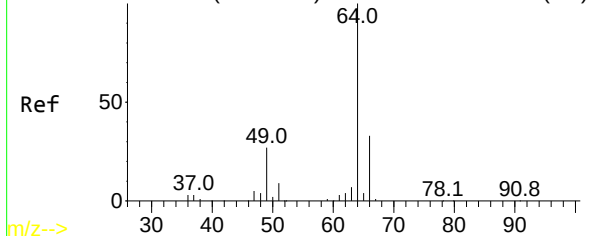
Abundance Scan 89 (1.630 min): VX023987.D\data.ms



Abundance Scan 89 (1.630 min): VX023987.D\data.ms (-35)



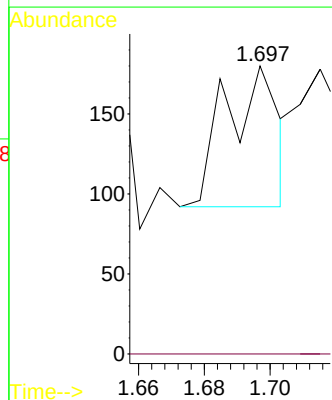
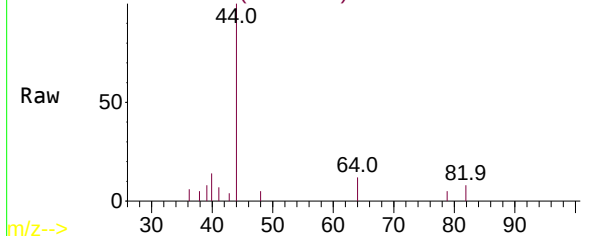
Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)



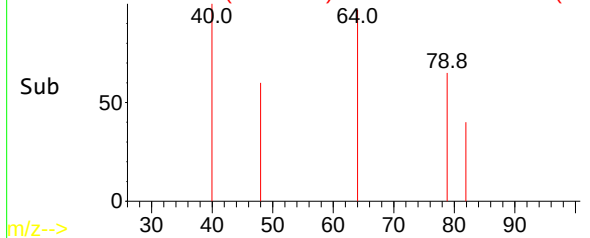
#6
Chloroethane
Concen: 2.292 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

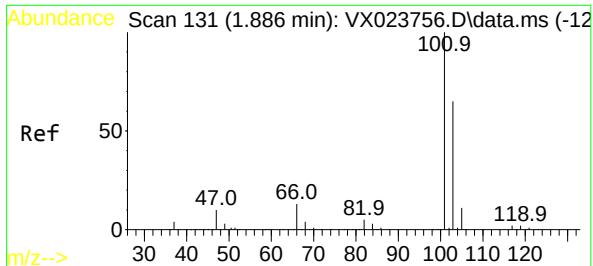
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Abundance Scan 100 (1.697 min): VX023987.D\data.ms



Abundance Scan 100 (1.697 min): VX023987.D\data.ms (-48)

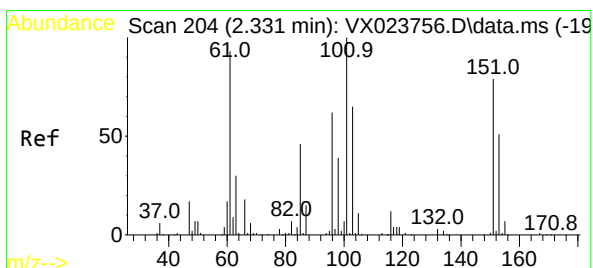
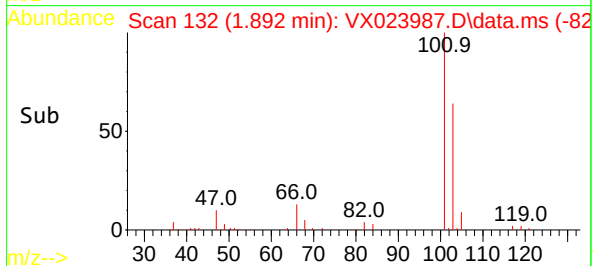
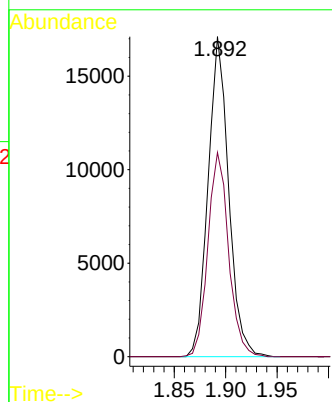
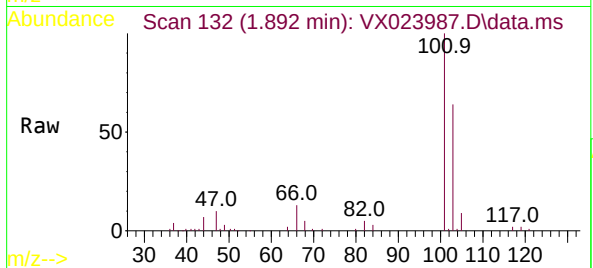




#7
Trichlorofluoromethane
Concen: 10.021 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

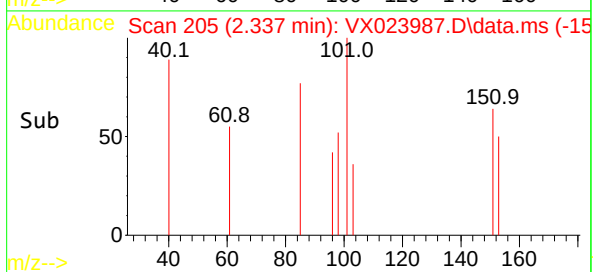
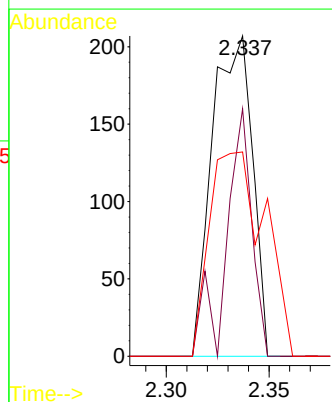
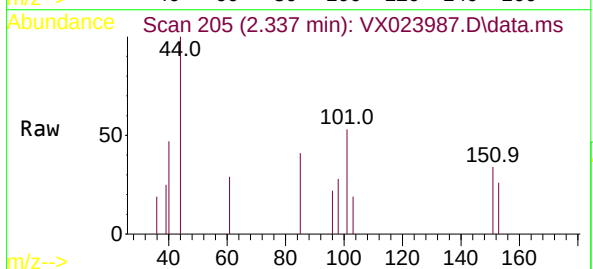
Instrument :
MSVOA_X
ClientSampled :

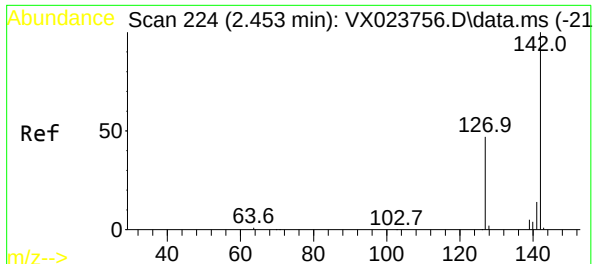
Tgt Ion:101 Resp: 23766
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.211 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

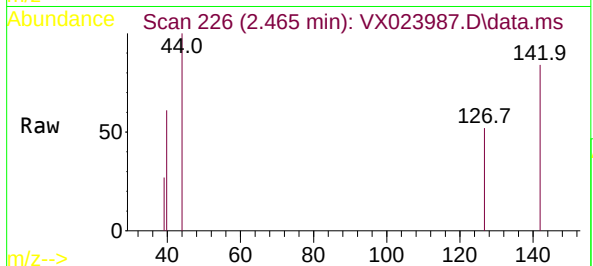
Tgt Ion:101 Resp: 282
Ion Ratio Lower Upper
101 100
85 48.9 34.9 52.3
151 87.9 61.4 92.2



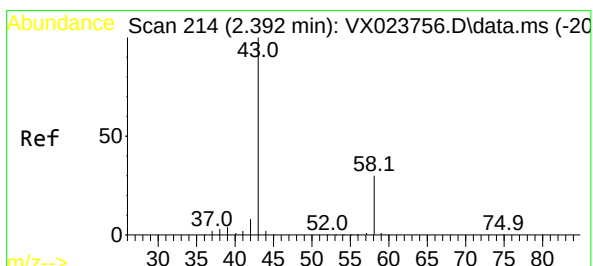
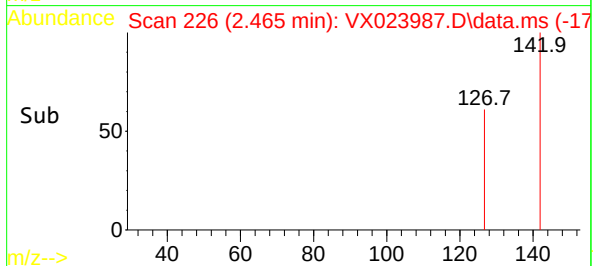
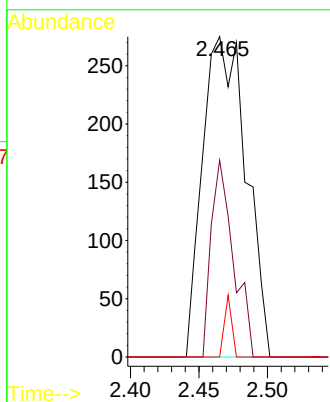


#10
Methyl Iodide
Concen: 0.328 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

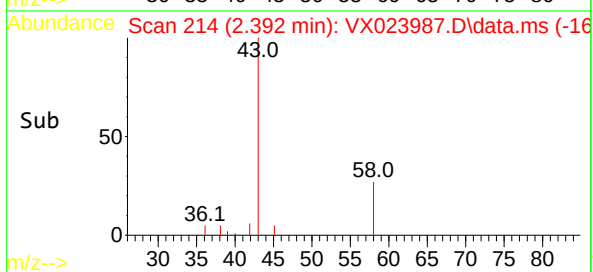
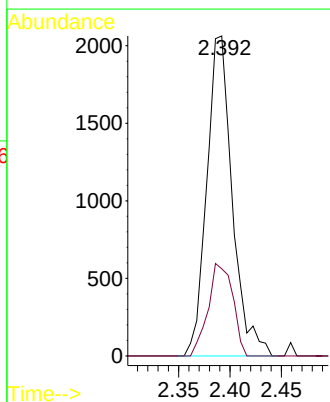
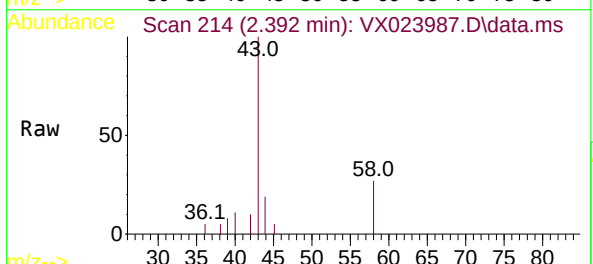


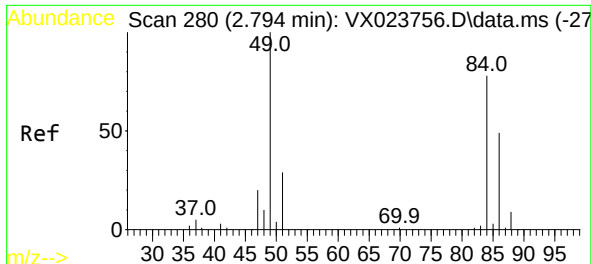
Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
127 31.4 33.3 49.9#
141 3.1 11.4 17.0#



#16
Acetone
Concen: 4.291 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 43 Resp: 3560
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



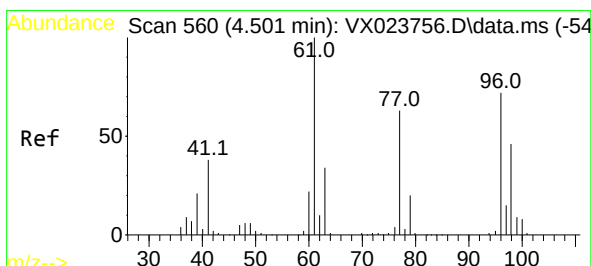
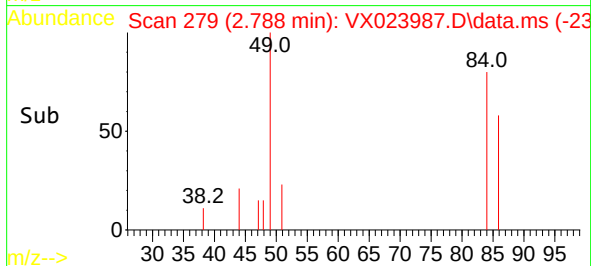
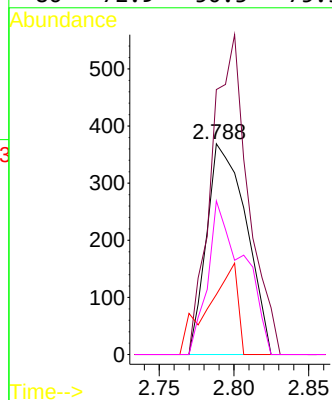
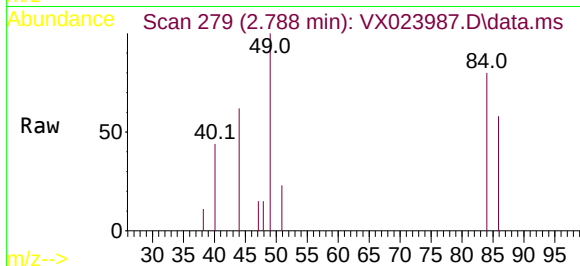


#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 678

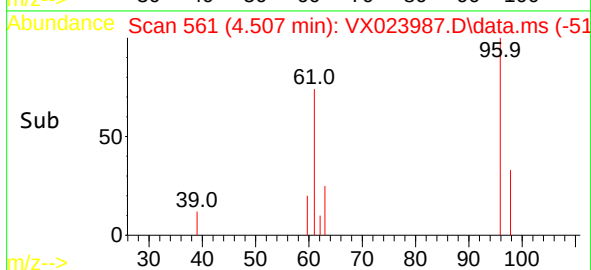
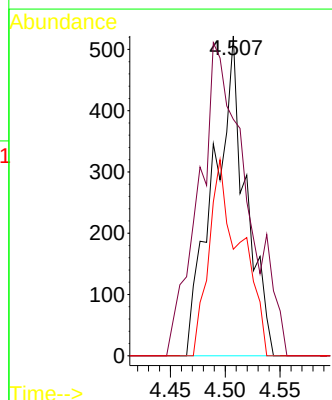
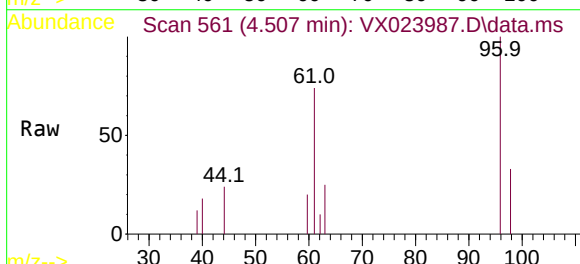
Ion	Ratio	Lower	Upper
84	100		
49	125.7	88.6	132.8
51	28.5	27.0	40.6
86	72.9	50.3	75.5

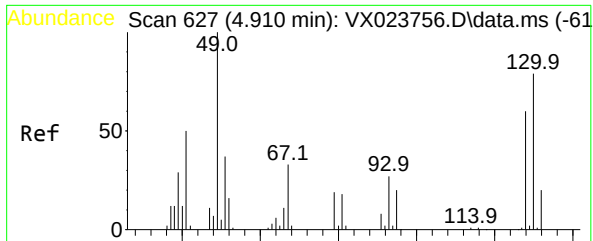


#27
cis-1,2-Dichloroethene
Concen: 0.661 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 96 Resp: 1072

Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	285.6
98	60.0	0.0	129.6

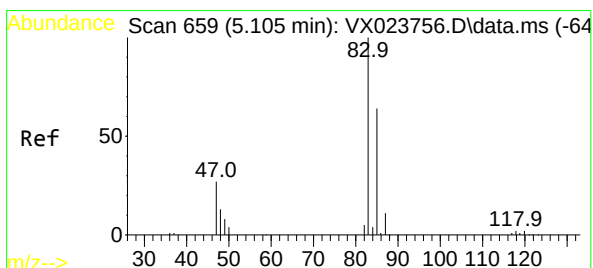
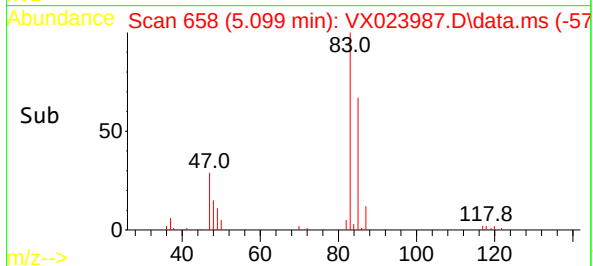
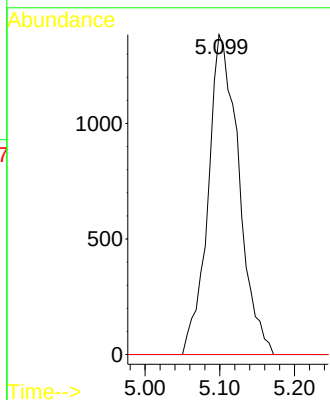
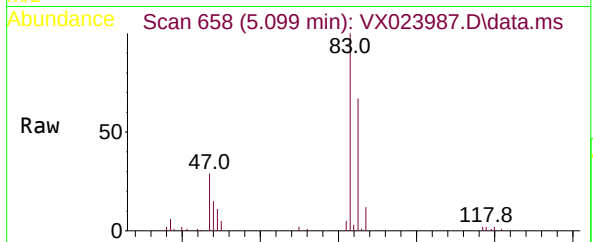




#28
Bromochloromethane
Concen: 3.345 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.189 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

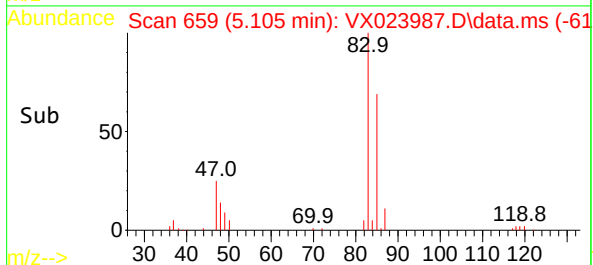
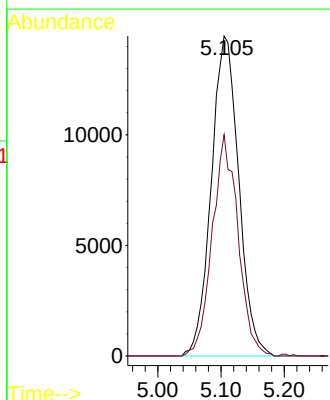
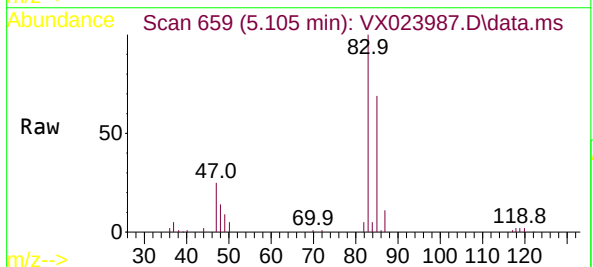
Instrument :
MSVOA_X
ClientSampled :

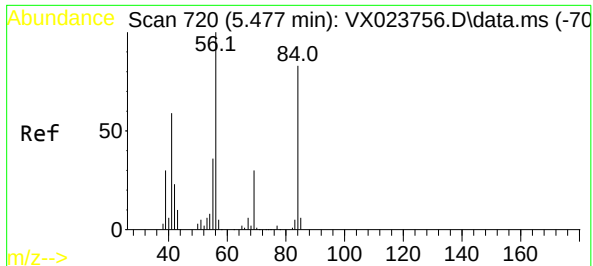
Tgt Ion: 49 Resp: 3964
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 15.816 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 83 Resp: 43646
Ion Ratio Lower Upper
83 100
85 69.1 52.0 78.0

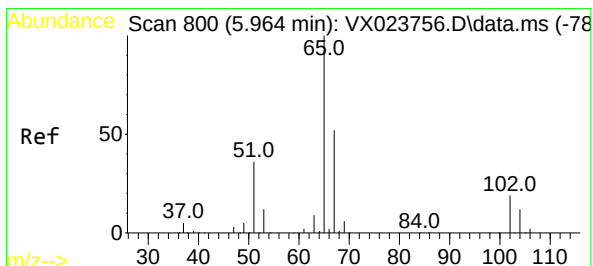
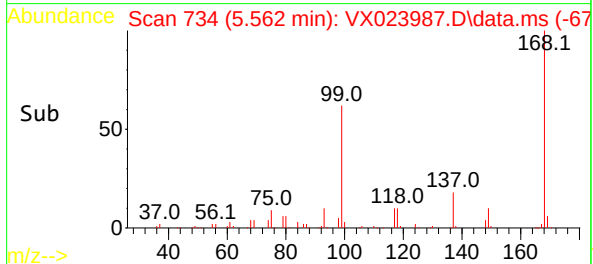
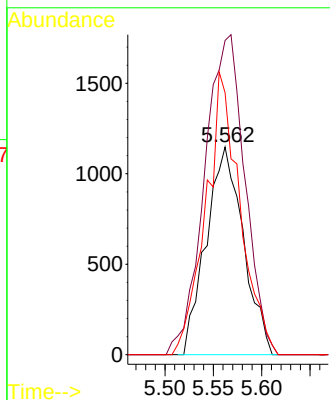
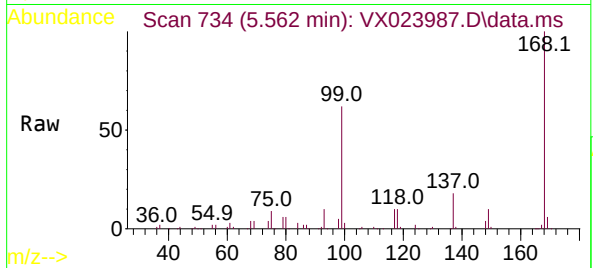




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

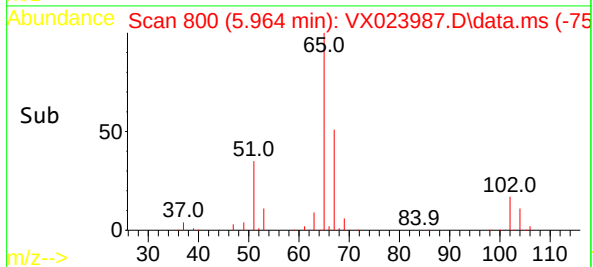
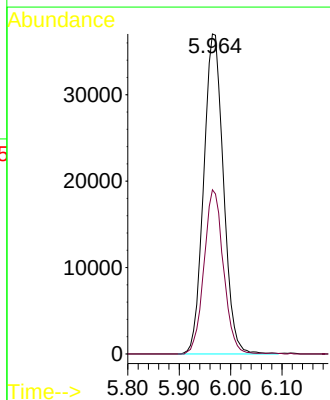
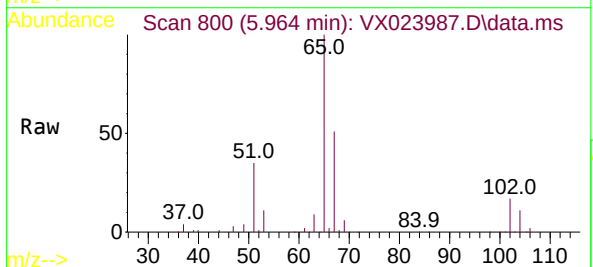
Instrument :
MSVOA_X
ClientSampled :

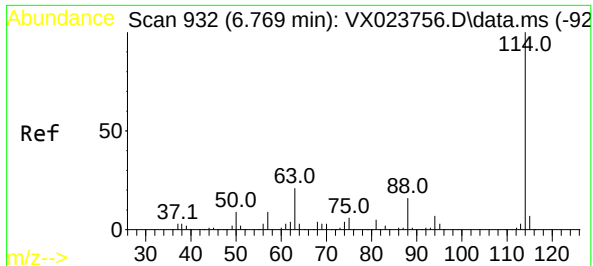
Tgt Ion: 56 Resp: 3060
Ion Ratio Lower Upper
56 100
69 151.3 25.3 37.9#
84 126.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.300 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 65 Resp: 98900
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

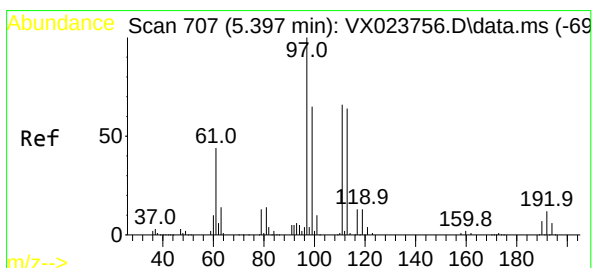
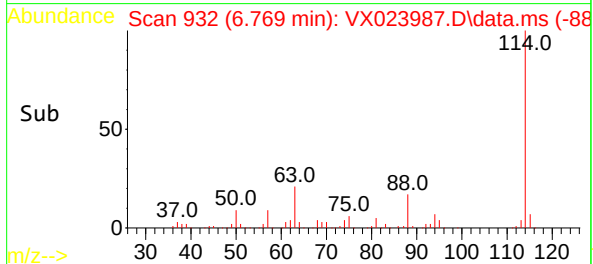
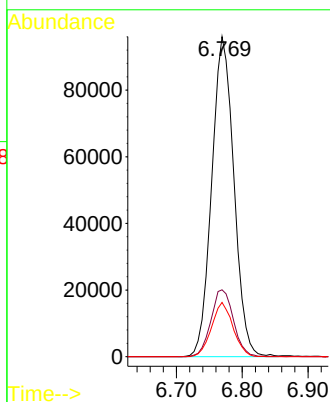
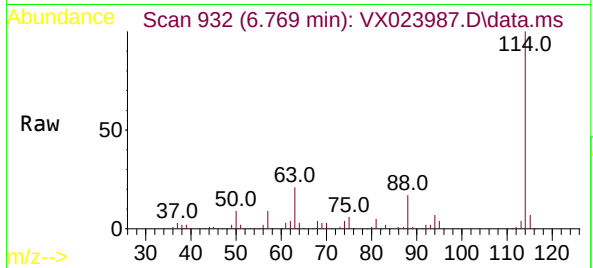




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

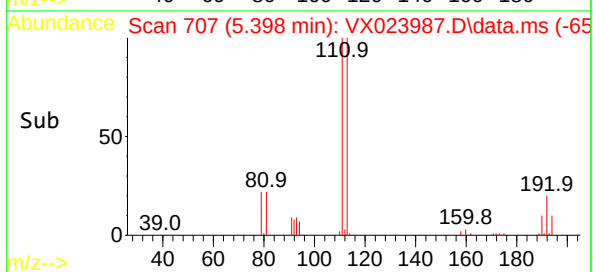
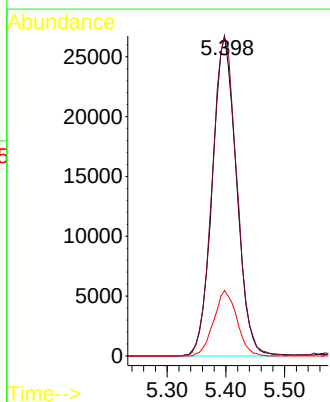
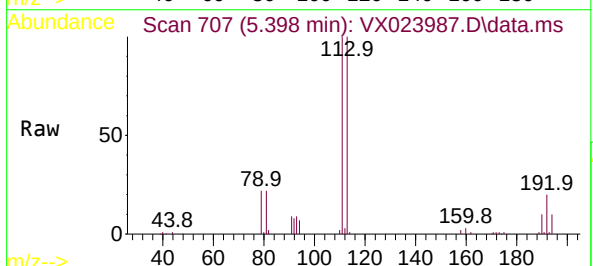
Instrument :
MSVOA_X
ClientSampled :

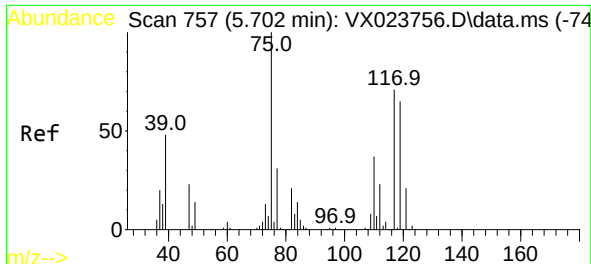
Tgt Ion:114 Resp: 225417
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.085 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion:113 Resp: 76217
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.7 16.7 25.1

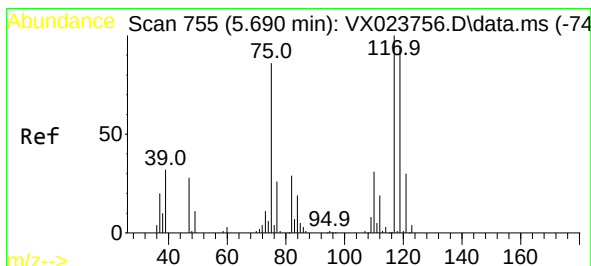
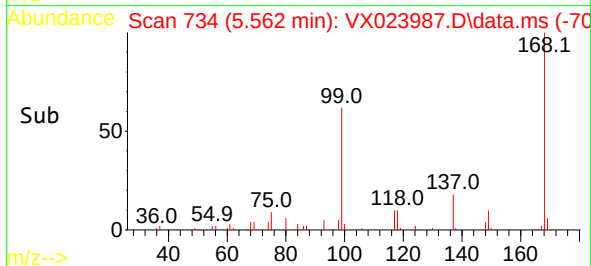
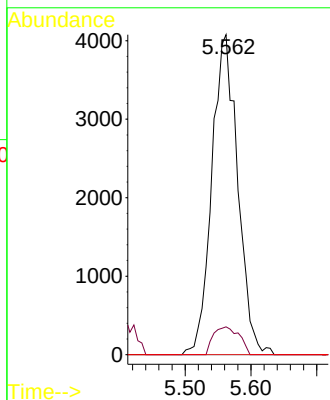
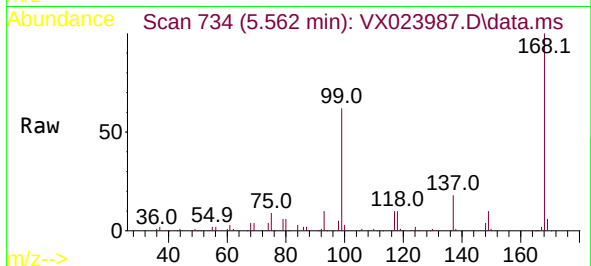




#36
1,1-Dichloropropene
Concen: 5.357 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

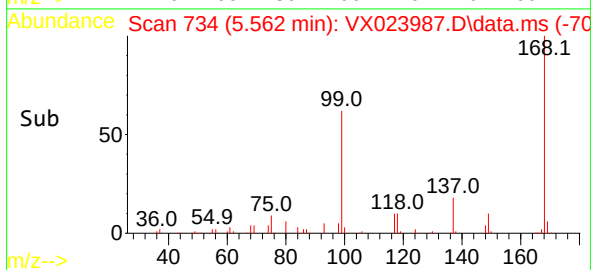
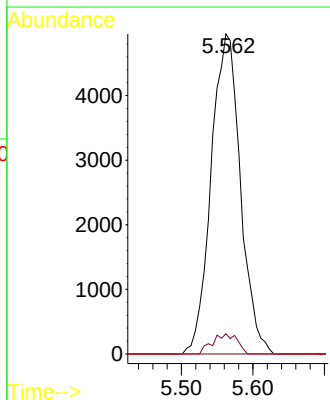
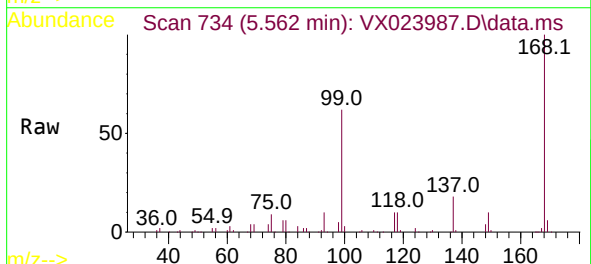
Instrument :
MSVOA_X
ClientSampled :

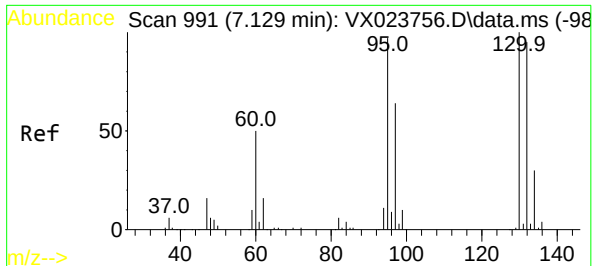
Tgt Ion: 75 Resp: 11183
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 117 Resp: 14080
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

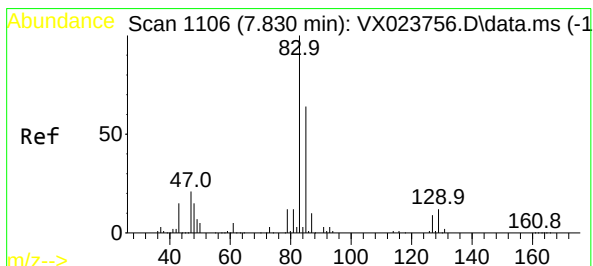
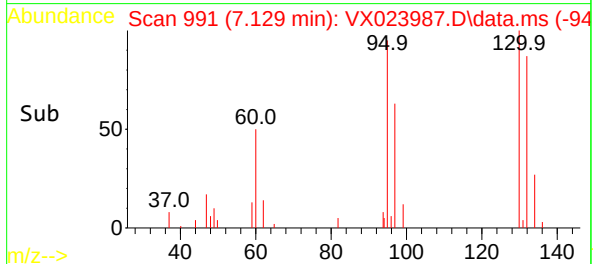
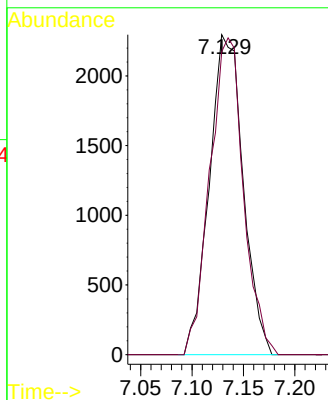
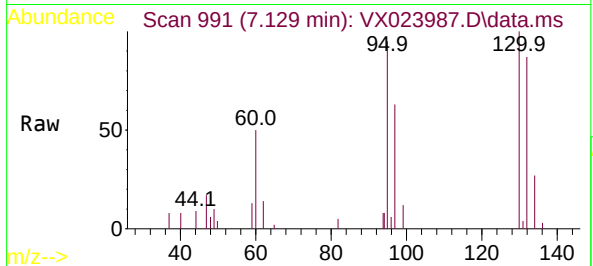




#44
Trichloroethene
Concen: 3.071 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

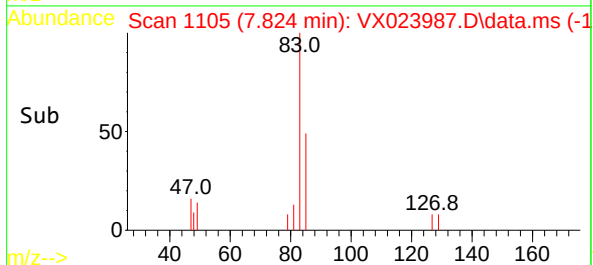
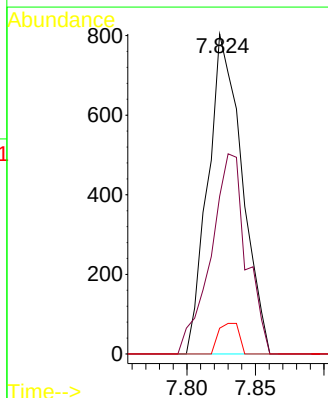
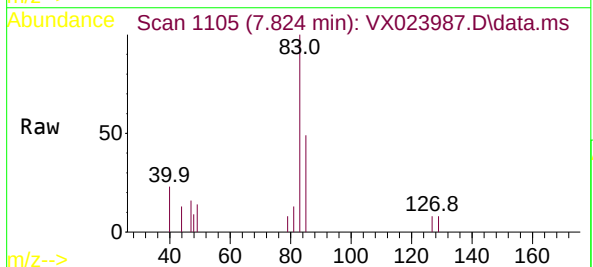
Instrument :
MSVOA_X
ClientSampled :

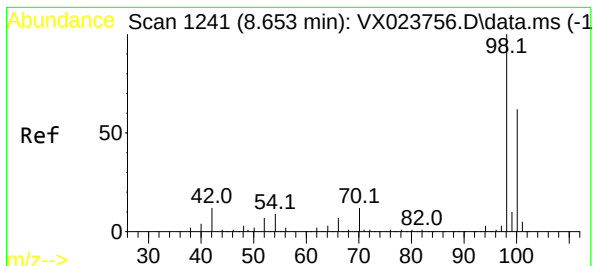
Tgt Ion:130 Resp: 5236
Ion Ratio Lower Upper
130 100
95 94.7 0.0 198.0



#47
Bromodichloromethane
Concen: 0.673 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 83 Resp: 1389
Ion Ratio Lower Upper
83 100
85 49.3 51.4 77.0#
127 8.1 6.8 10.2

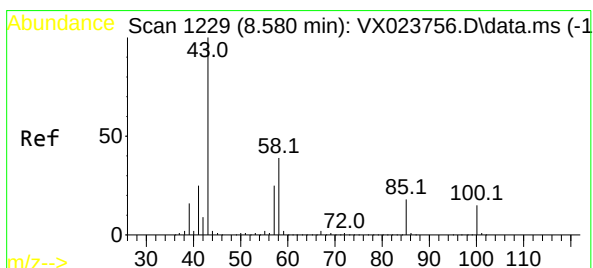
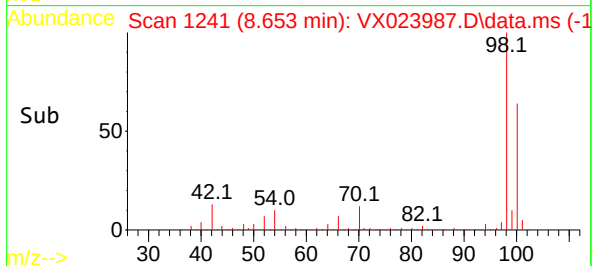
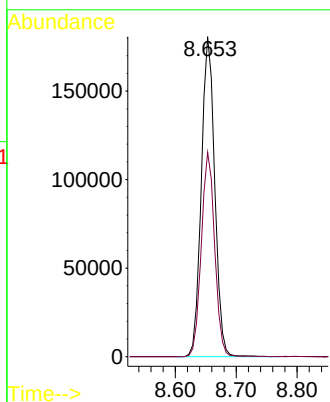
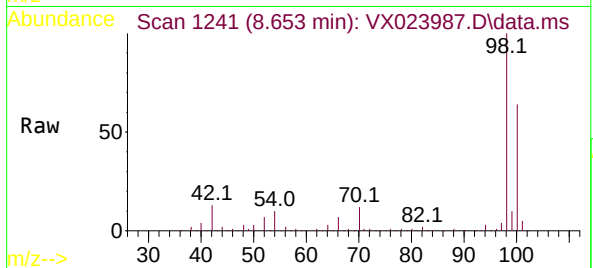




#50
Toluene-d8
Concen: 48.788 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

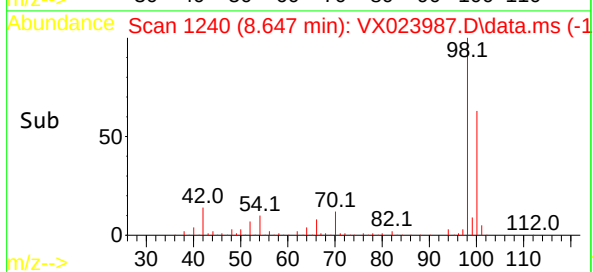
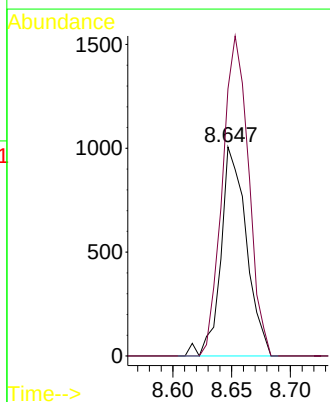
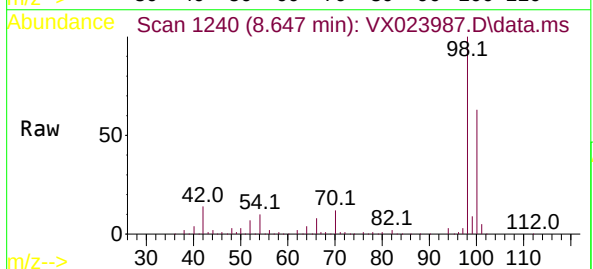
Instrument :
MSVOA_X
ClientSampled :

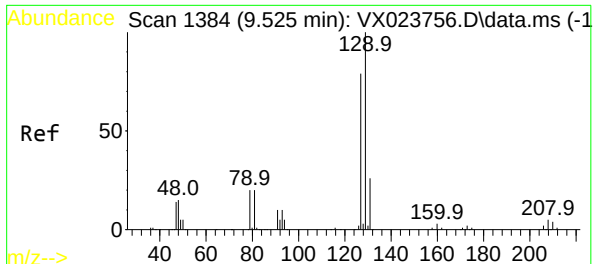
Tgt Ion: 98 Resp: 277043
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 157.2 35.4 53.0#

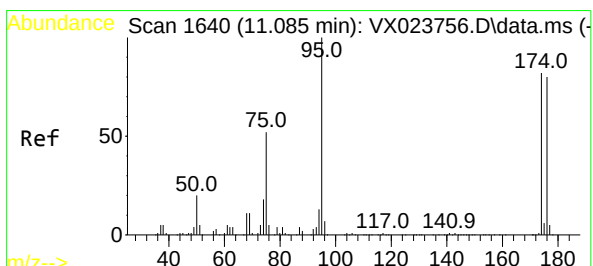
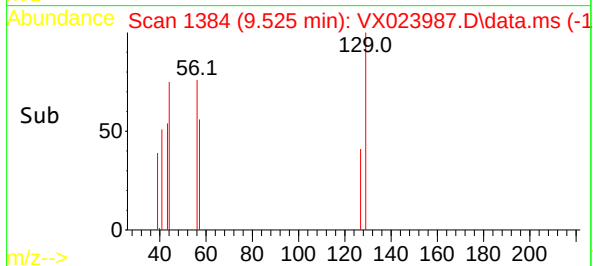
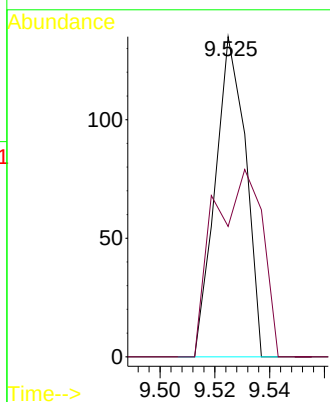
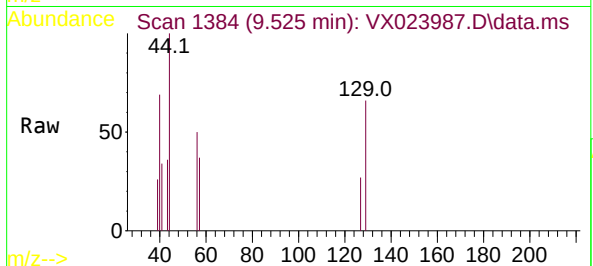




#60
Dibromochloromethane
Concen: 1.743 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

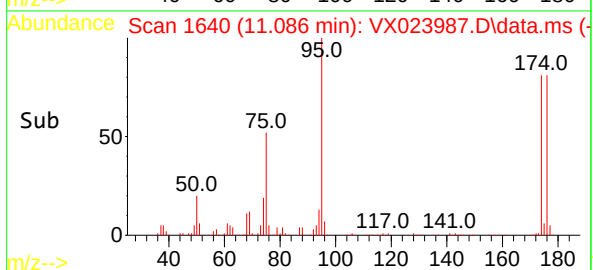
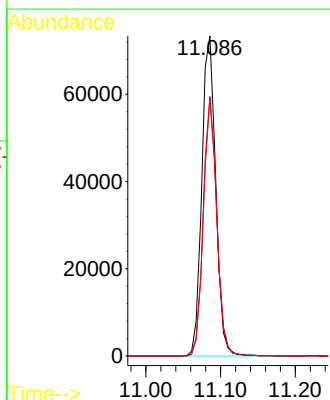
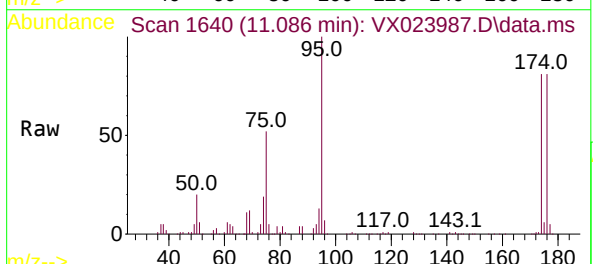
Instrument :
MSVOA_X
ClientSampled :

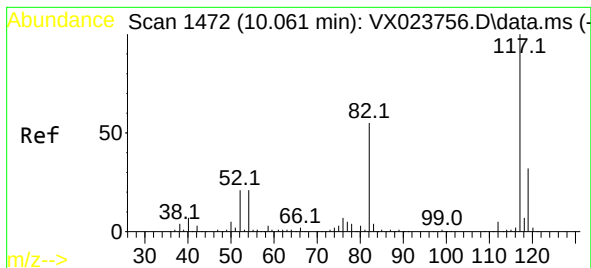
Tgt Ion:129 Resp: 104
Ion Ratio Lower Upper
129 100
127 93.3 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 45.319 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 95 Resp: 94737
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 77.3 0.0 155.8

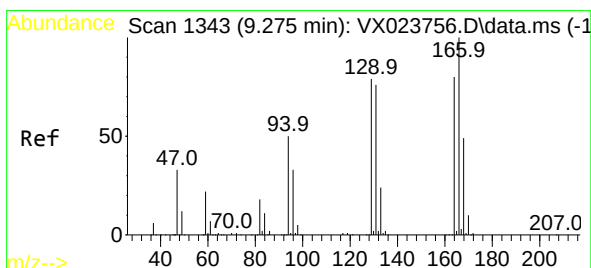
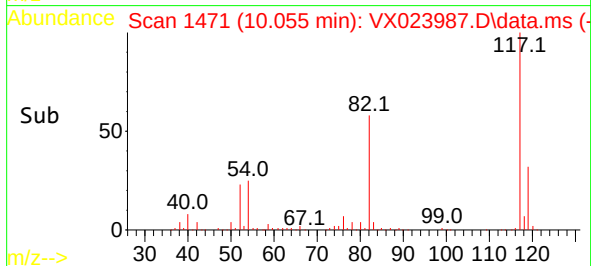
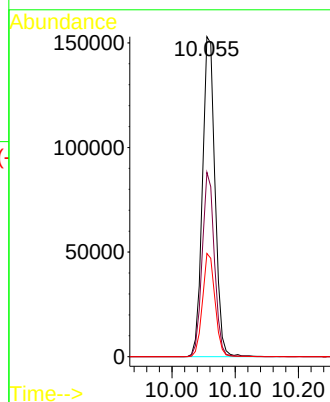
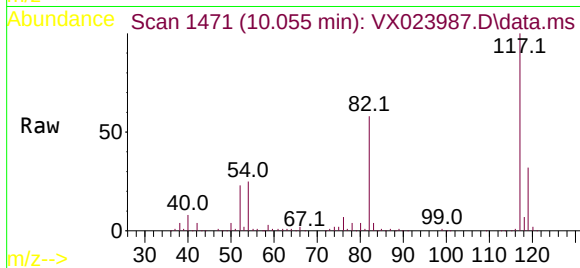




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

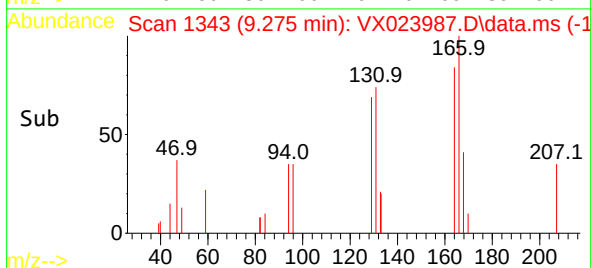
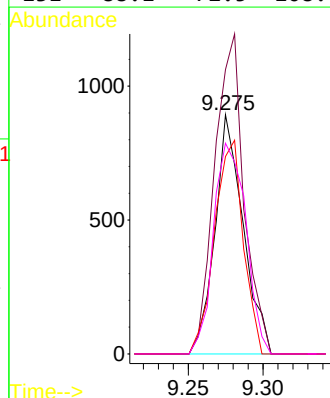
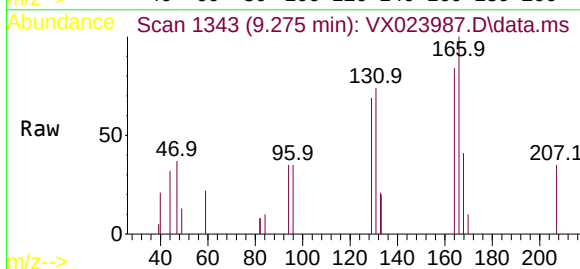
Instrument :
MSVOA_X
ClientSampled :

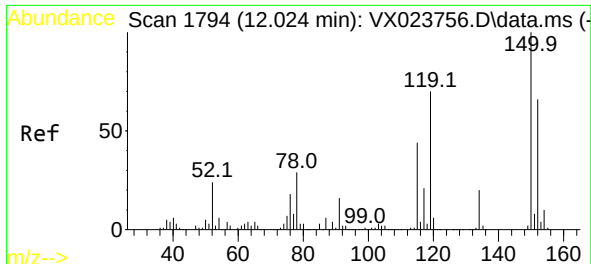
Tgt Ion:117 Resp: 211852
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.694 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion:164 Resp: 1175
Ion Ratio Lower Upper
164 100
166 118.9 103.4 155.2
129 82.5 70.8 106.2
131 88.1 72.5 108.7

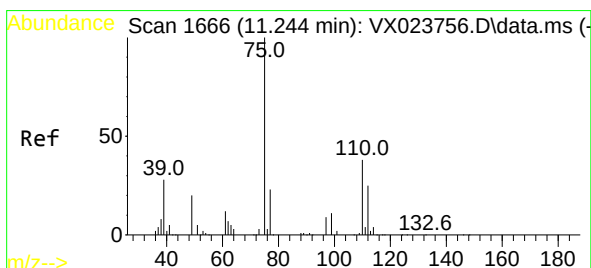
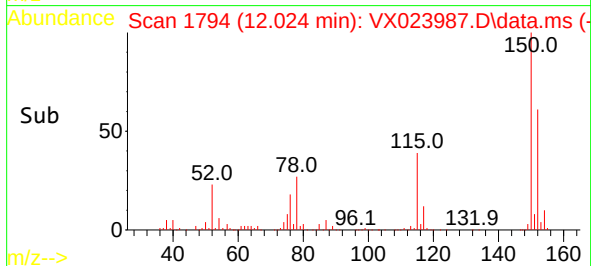
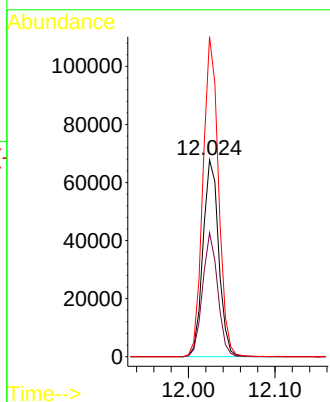
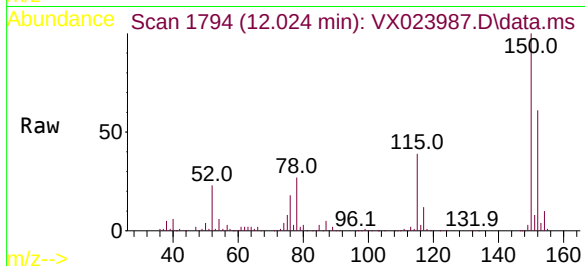




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

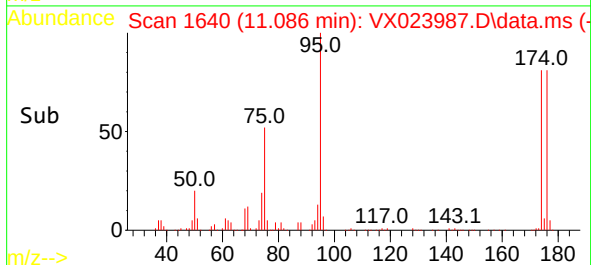
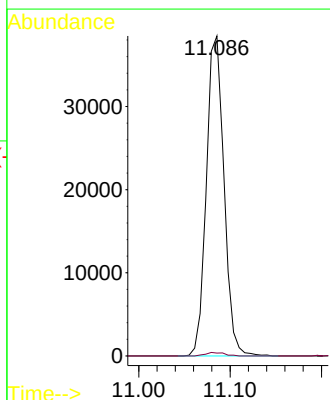
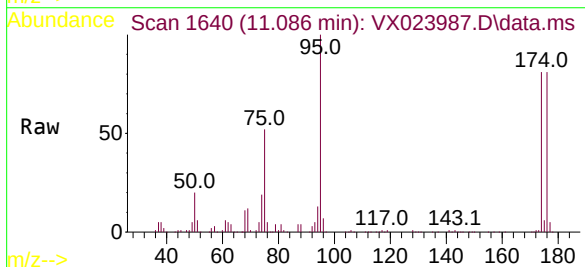
Instrument :
MSVOA_X
ClientSampled :

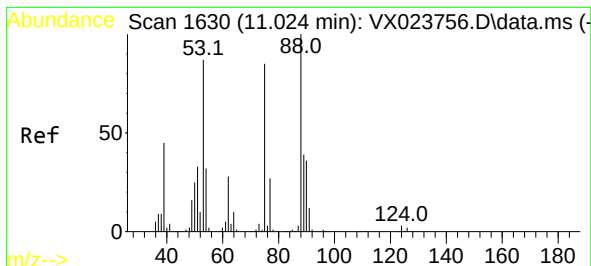
Tgt Ion:152 Resp: 85377
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 160.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.815 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion: 75 Resp: 51414
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

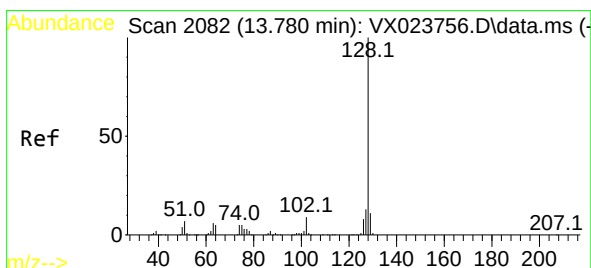
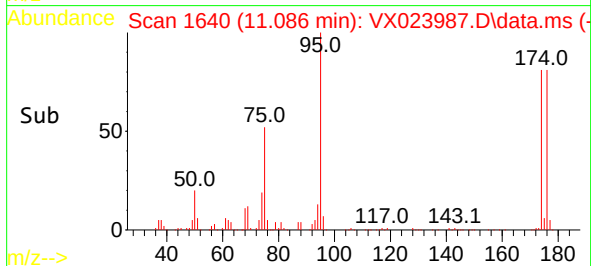
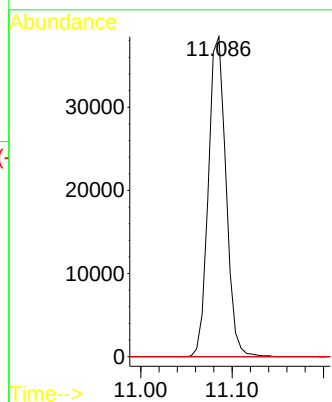
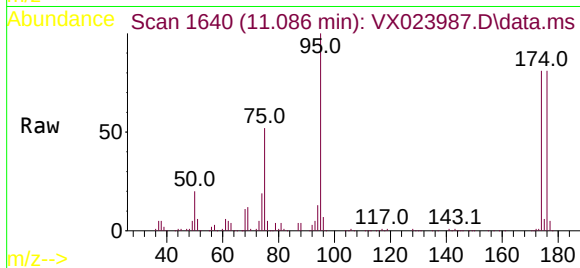




#81
trans-1,4-Dichloro-2-butene
Concen: 75.936 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51414
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.326 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023987.D
Acq: 27 Aug 2021 13:11

Tgt Ion:128 Resp: 279
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

