

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023885.D
 Acq On : 20 Aug 2021 18:20
 Operator : JC/MD
 Sample : M3483-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

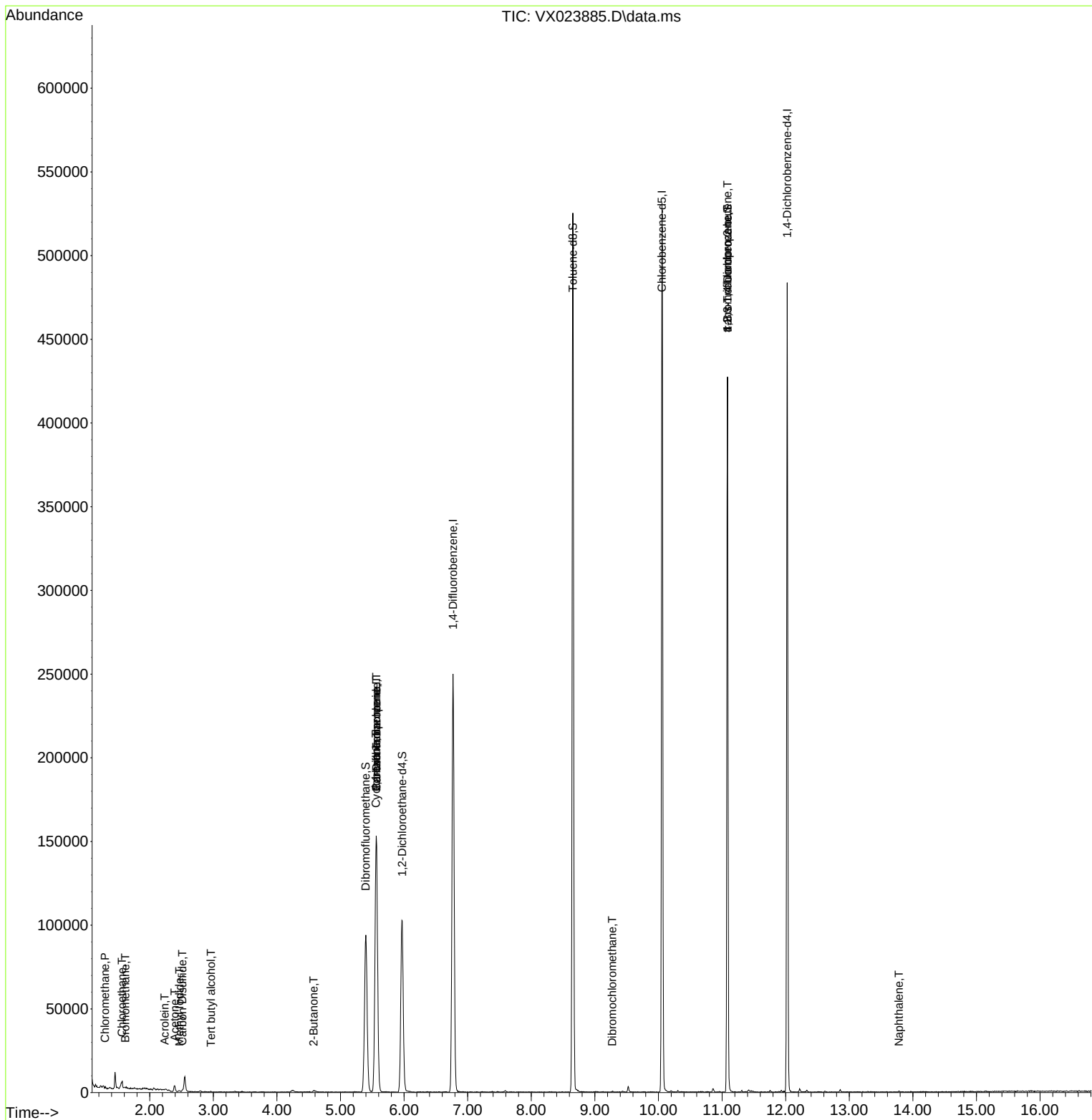
Quant Time: Aug 21 01:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

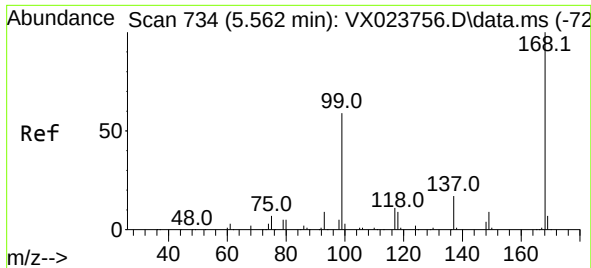
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	143417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102924	51.420	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.840%		
35) Dibromofluoromethane	5.397	113	79490	48.295	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.580%		
50) Toluene-d8	8.653	98	304358	48.584	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.160%		
62) 4-Bromofluorobenzene	11.085	95	106051	45.986	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.980%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	429	0.258	ug/l #	81
5) Bromomethane	1.617	94	584	0.573	ug/l	97
6) Chloroethane	1.563	64	31	2.240	ug/l #	43
10) Methyl Iodide	2.465	142	770	0.384	ug/l #	45
11) Tert butyl alcohol	2.965	59	101	0.250	ug/l #	73
13) Acrolein	2.233	56	53	0.220	ug/l #	1
16) Acetone	2.392	43	3837	4.287	ug/l	95
17) Carbon Disulfide	2.514	76	1569	0.478	ug/l	99
25) 2-Butanone	4.574	43	1168	0.862	ug/l #	45
31) Cyclohexane	5.556	56	3494	1.359	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	11238	4.880	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14945	6.223	ug/l #	15
60) Dibromochloromethane	9.275	129	21	1.698	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57465	25.527	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57465	75.087	ug/l #	12
95) Naphthalene	13.780	128	547	1.358	ug/l #	78

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

Quant Time: Aug 21 01:14:55 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

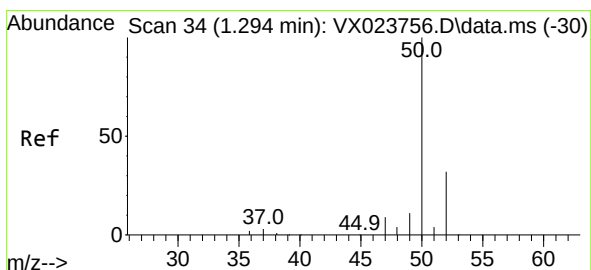
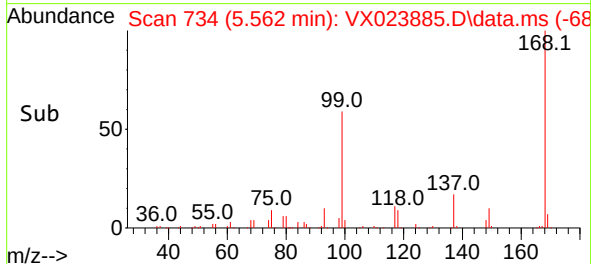
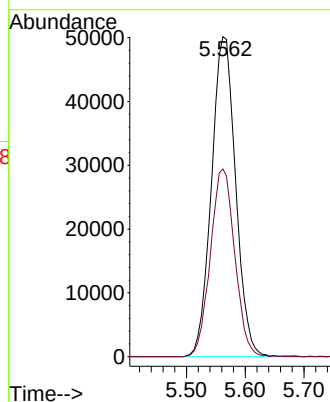
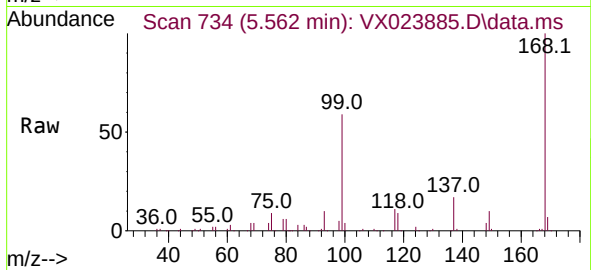




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

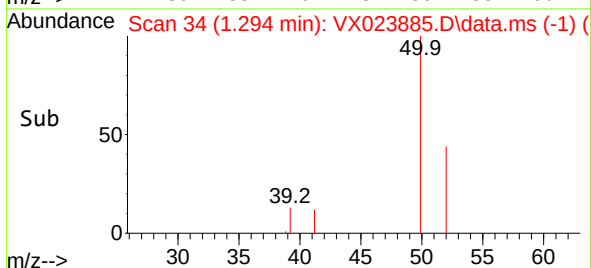
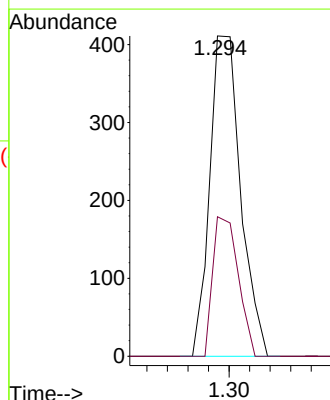
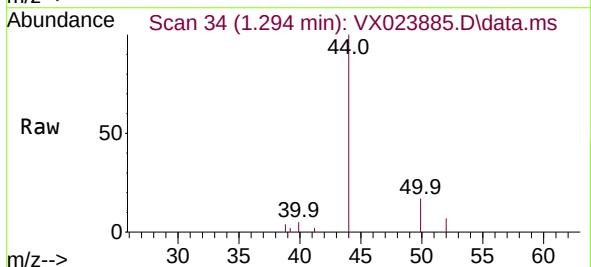
Instrument :
MSVOA_X
ClientSampled :

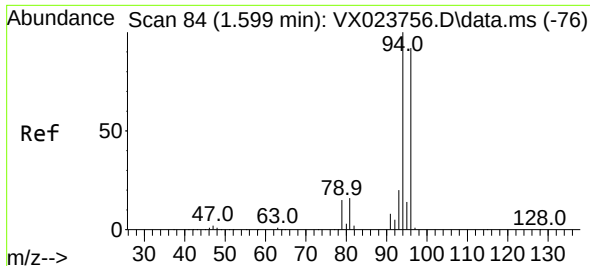
Tgt Ion:168 Resp: 143417
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 50 Resp: 429
Ion Ratio Lower Upper
50 100
52 43.6 26.4 39.6#

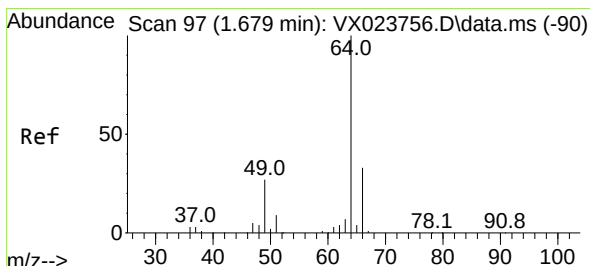
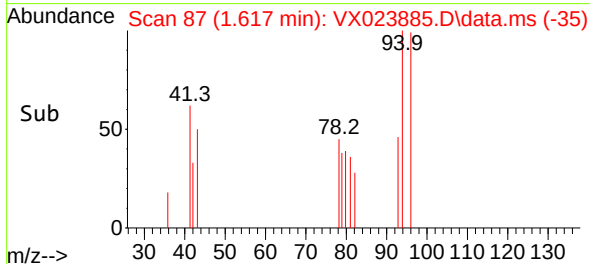
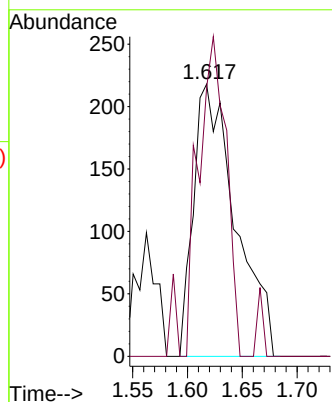
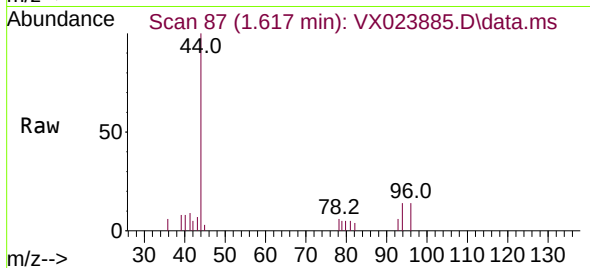




#5
Bromomethane
Concen: 0.573 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

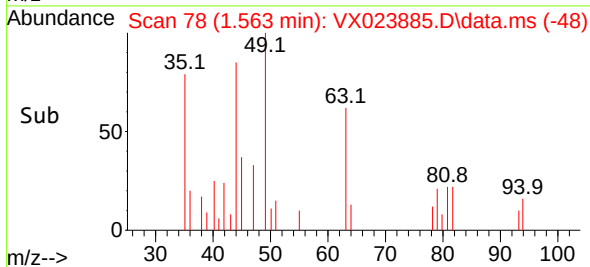
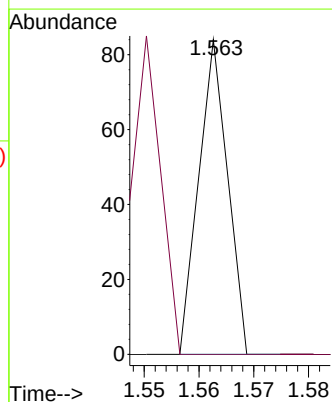
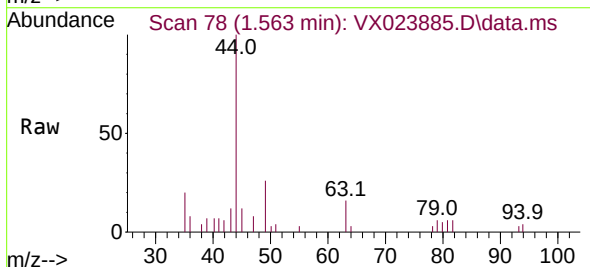
Instrument :
MSVOA_X
ClientSampled :

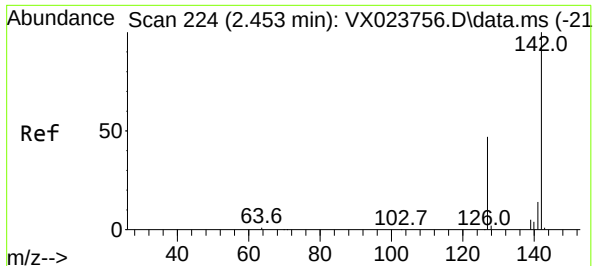
Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 98.6 76.4 114.6



#6
Chloroethane
Concen: 2.240 ug/l
RT: 1.563 min Scan# 78
Delta R.T. -0.116 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

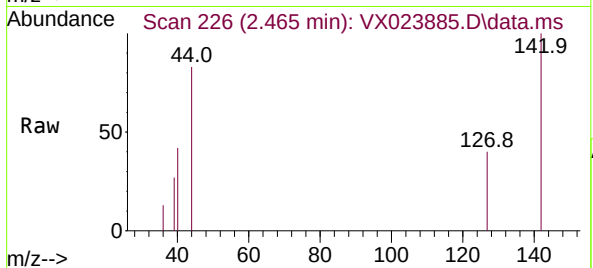
Tgt Ion: 64 Resp: 31
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



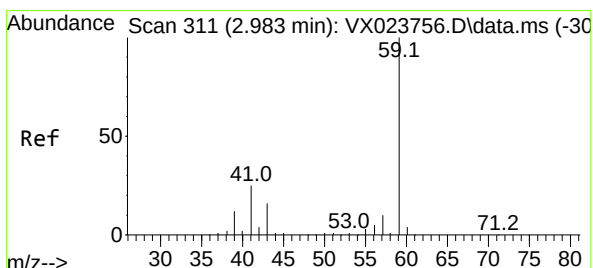
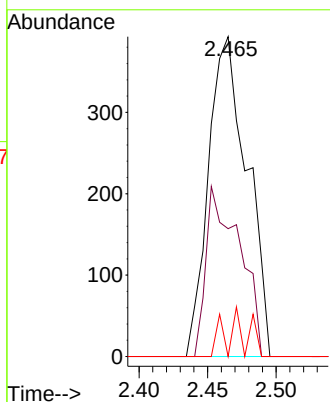
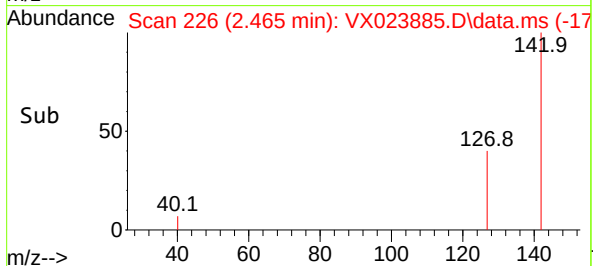


#10
Methyl Iodide
Concen: 0.384 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

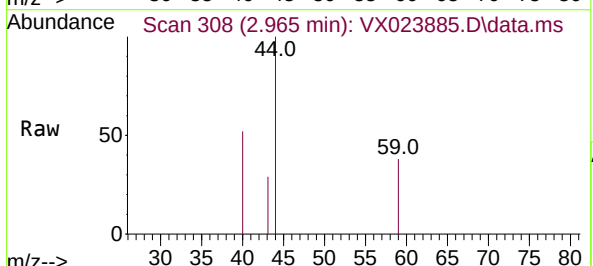
Instrument :
MSVOA_X
ClientSampled :



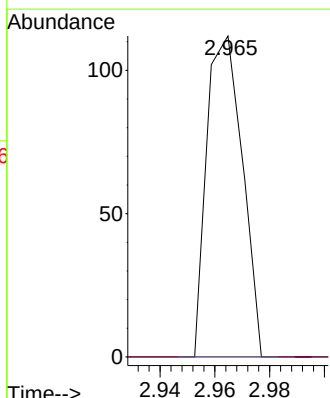
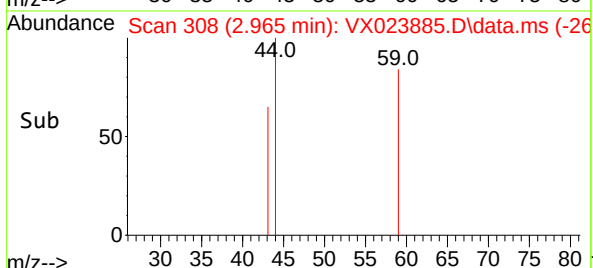
Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 5.3 11.4 17.0#

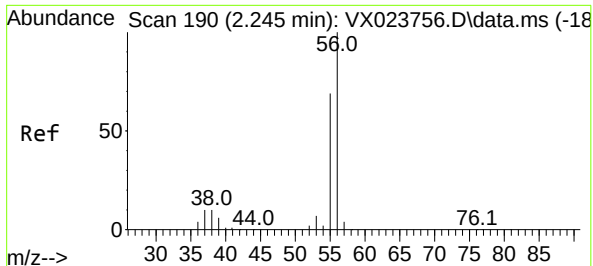


#11
Tert butyl alcohol
Concen: 0.250 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20



Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

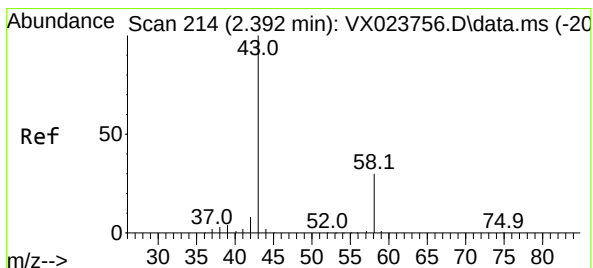
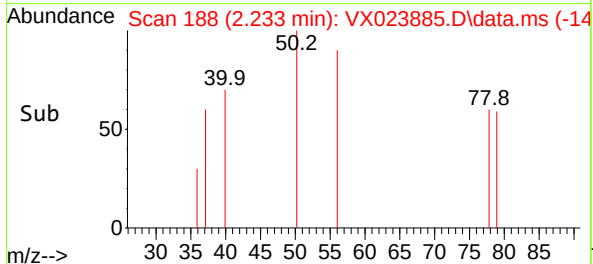
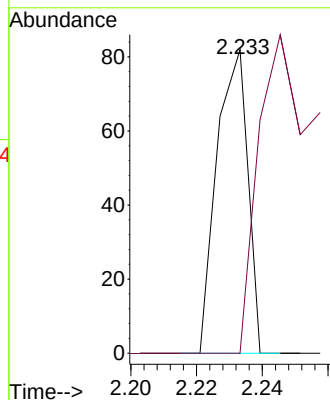
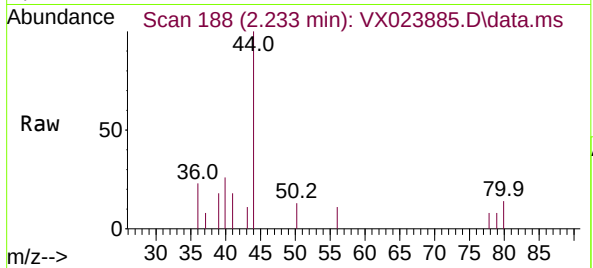




#13
Acrolein
Concen: 0.220 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

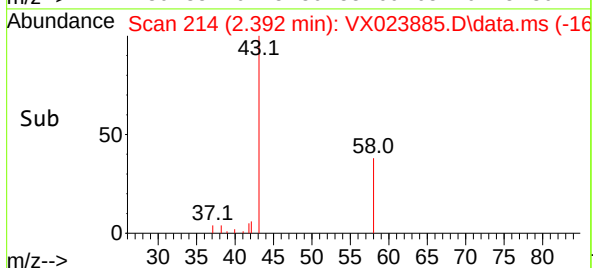
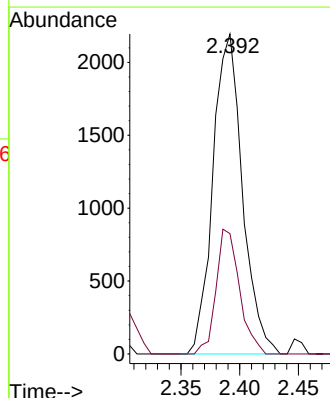
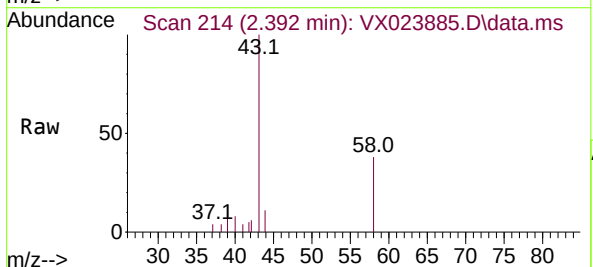
Instrument :
MSVOA_X
ClientSampled :

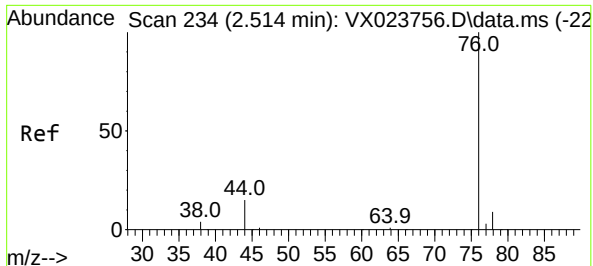
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 188.7 56.4 84.6#



#16
Acetone
Concen: 4.287 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 43 Resp: 3837
Ion Ratio Lower Upper
43 100
58 37.6 27.8 41.8

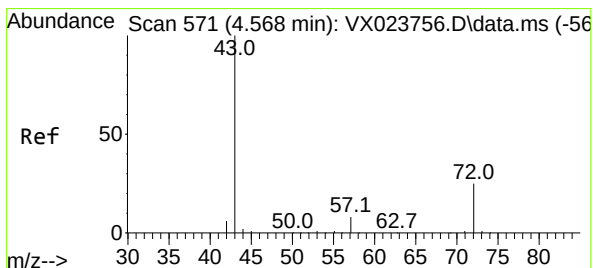
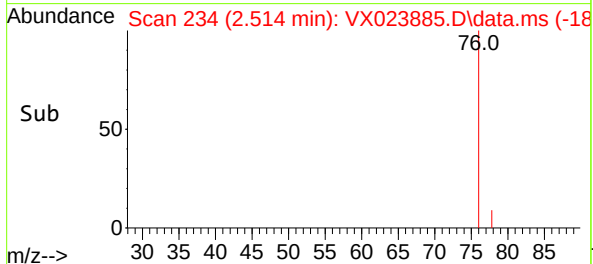
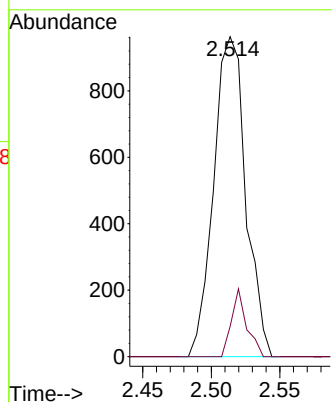
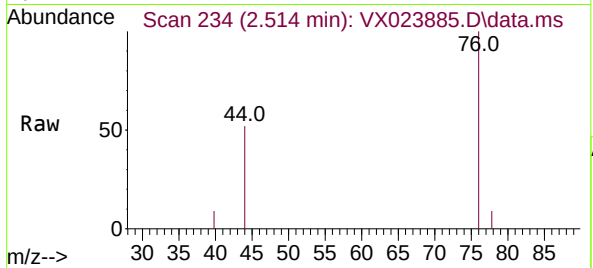




#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

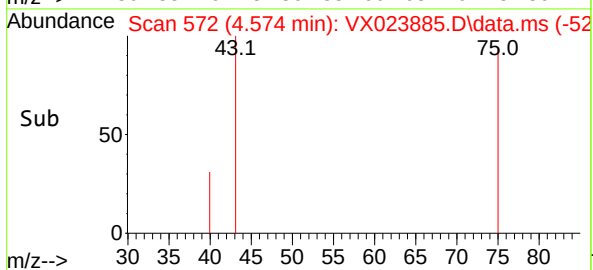
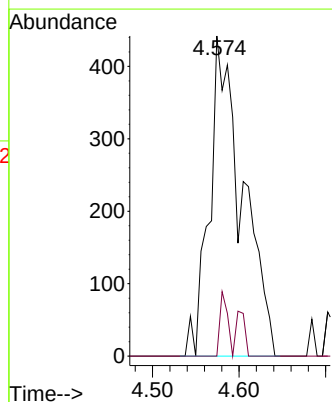
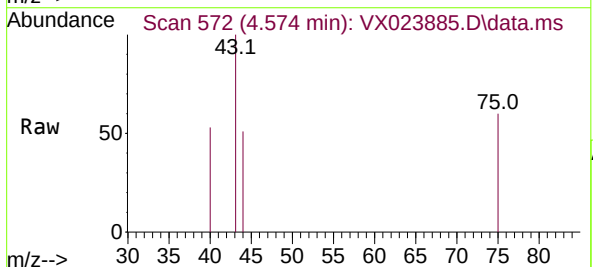
Instrument :
MSVOA_X
ClientSampled :

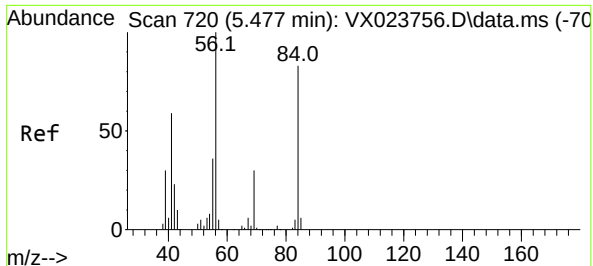
Tgt Ion: 76 Resp: 1569
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#25
2-Butanone
Concen: 0.862 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

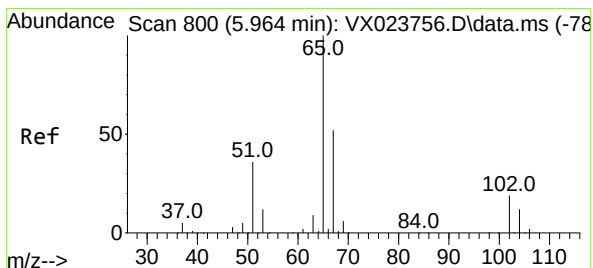
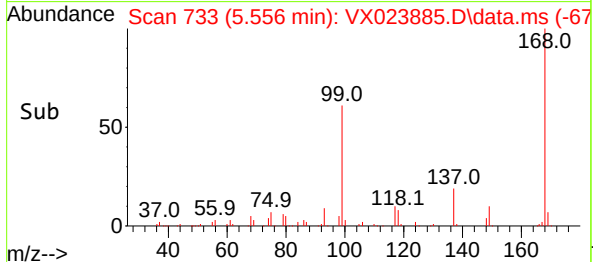
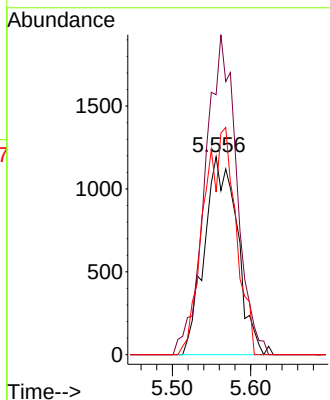
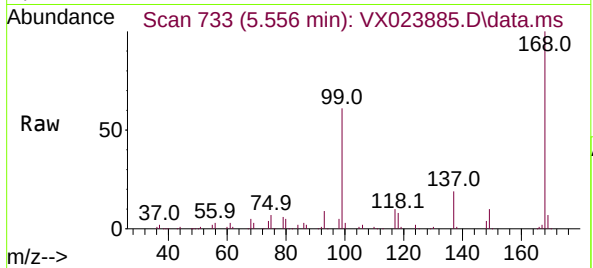




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

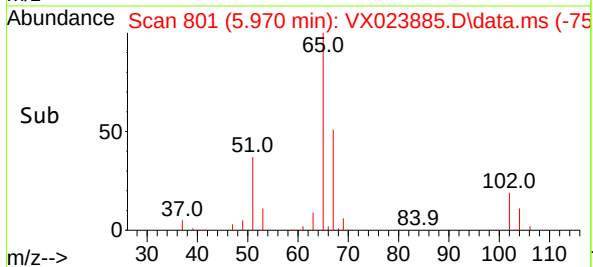
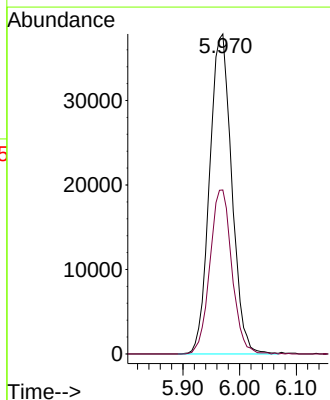
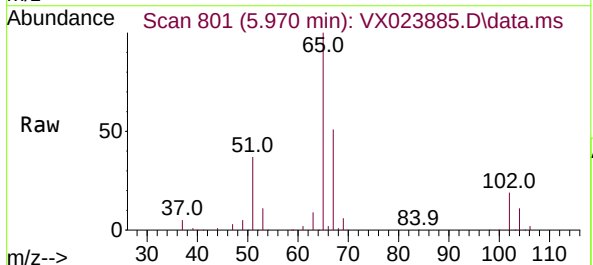
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MSVOA_X
ClientSampled :

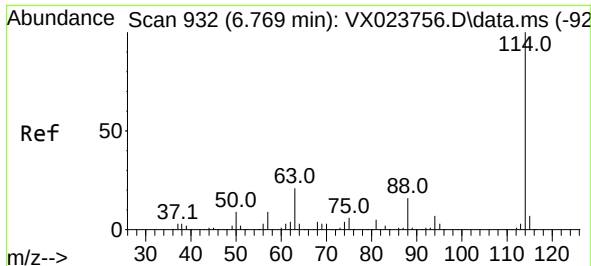
Tgt Ion: 56 Resp: 3494
Ion Ratio Lower Upper
56 100
69 131.4 25.3 37.9#
84 82.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.420 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 65 Resp: 102924
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

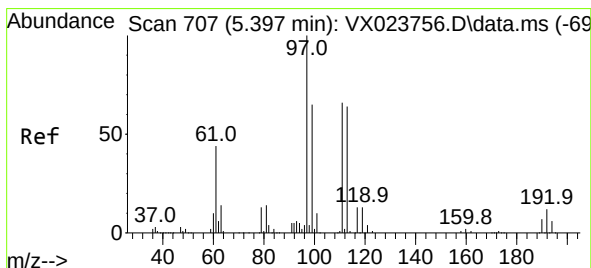
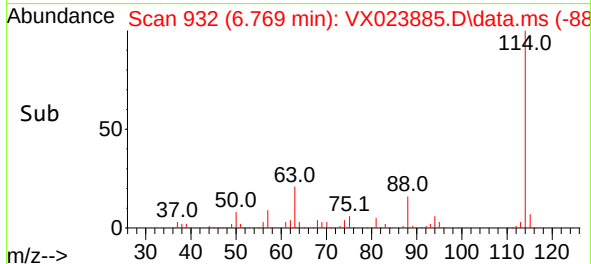
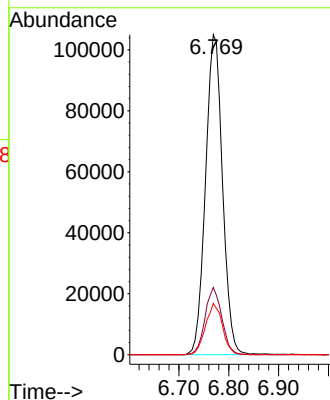
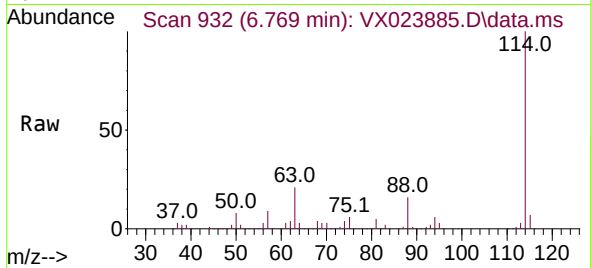




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

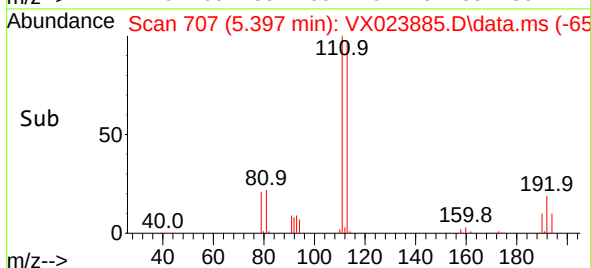
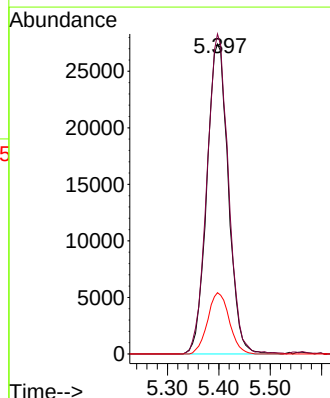
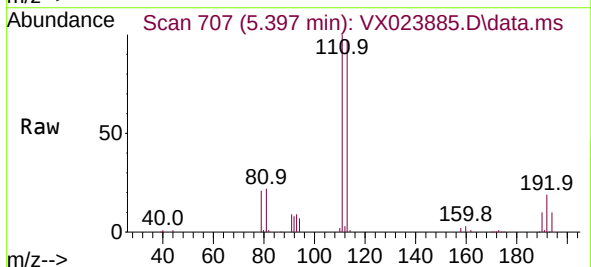
Instrument :
MSVOA_X
ClientSampled :

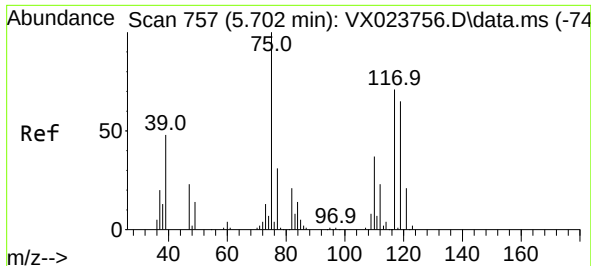
Tgt Ion:114 Resp: 248679
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.295 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion:113 Resp: 79490
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.9 16.7 25.1

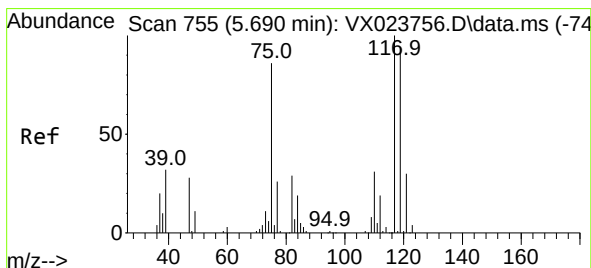
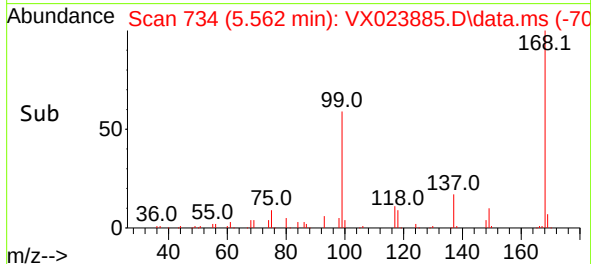
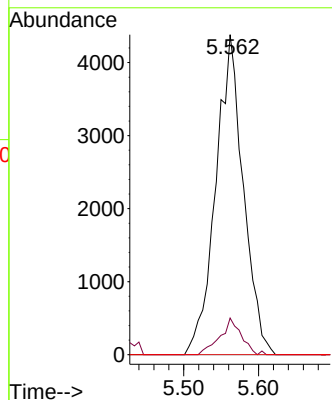
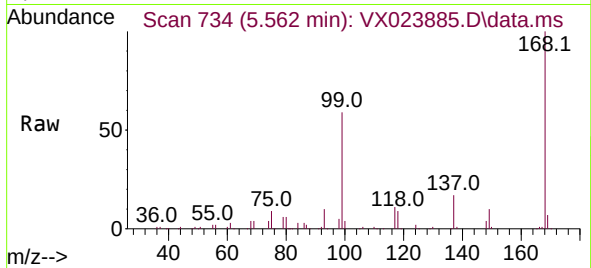




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

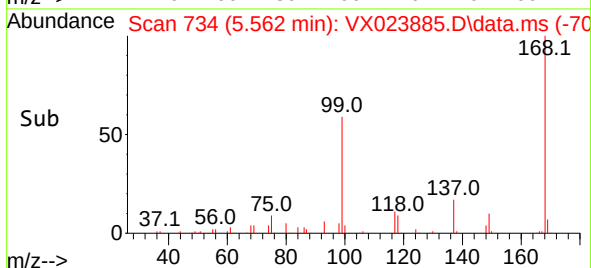
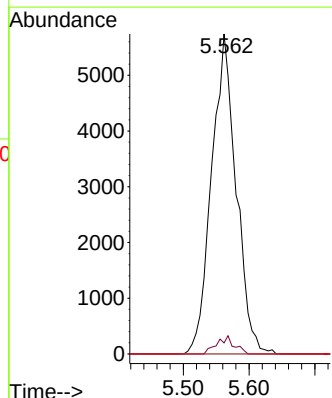
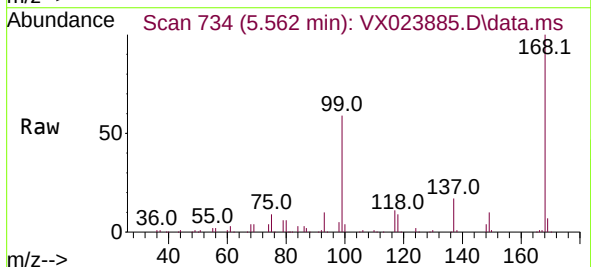
Instrument :
MSVOA_X
ClientSampled :

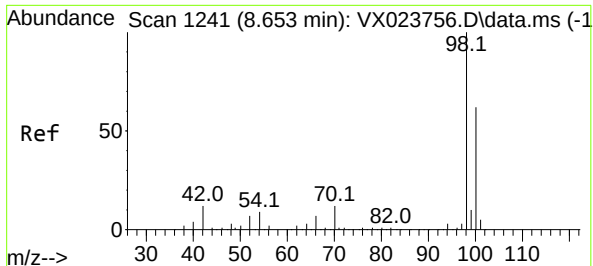
Tgt Ion: 75 Resp: 11238
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 117 Resp: 14945
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

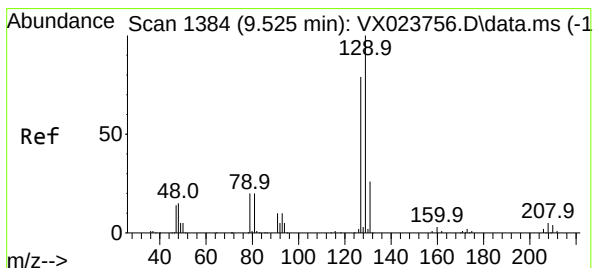
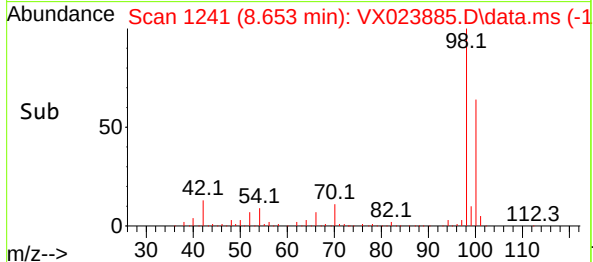
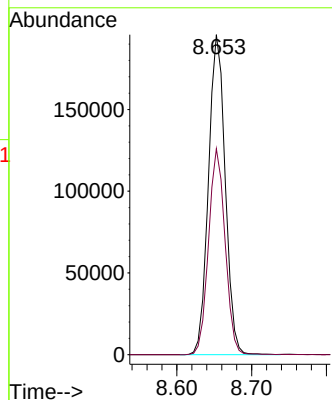
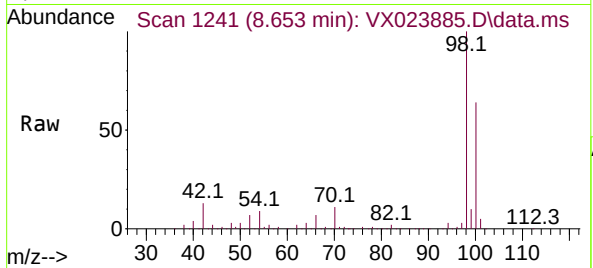




#50
Toluene-d8
Concen: 48.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

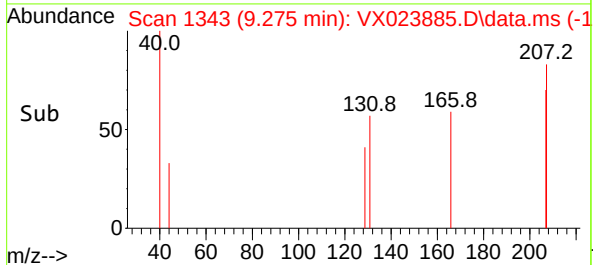
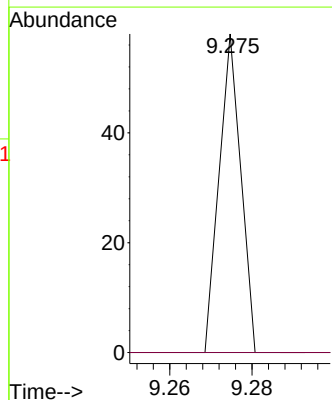
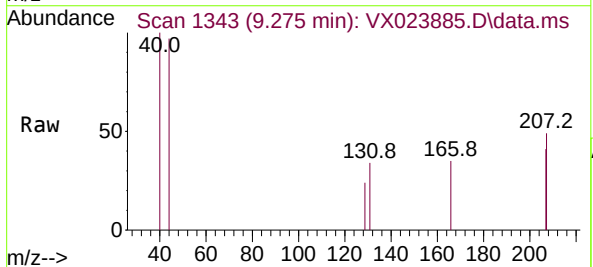
Instrument :
MSVOA_X
ClientSampled :

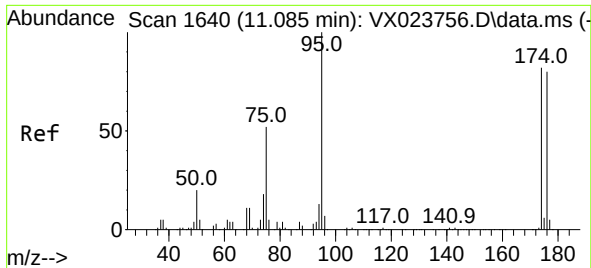
Tgt Ion: 98 Resp: 304358
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#60
Dibromochloromethane
Concen: 1.698 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion:129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

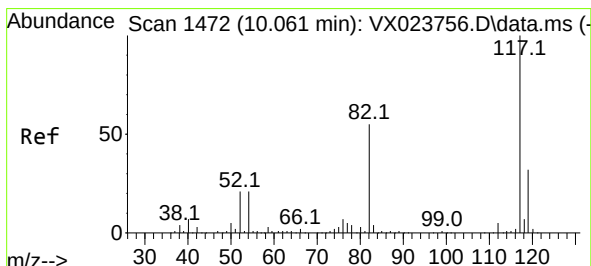
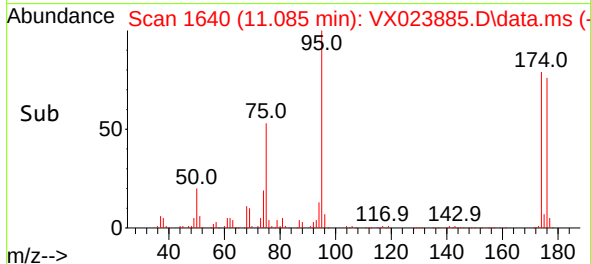
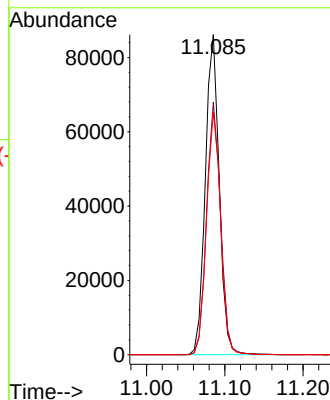
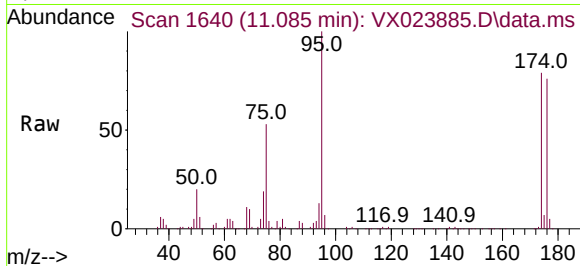




#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

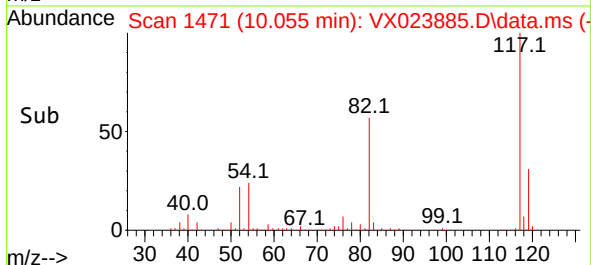
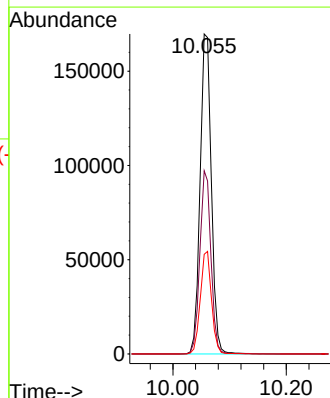
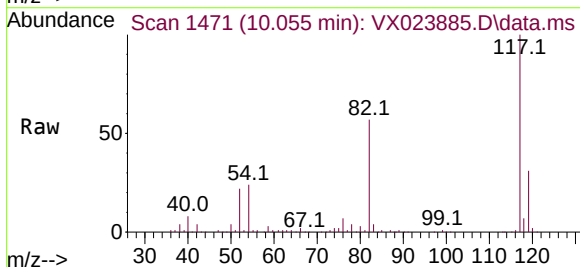
Instrument :
MSVOA_X
ClientSampled :

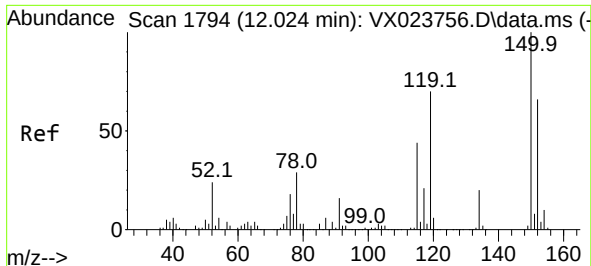
Tgt Ion: 95 Resp: 106051
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 76.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 117 Resp: 233468
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.1 26.6 39.8

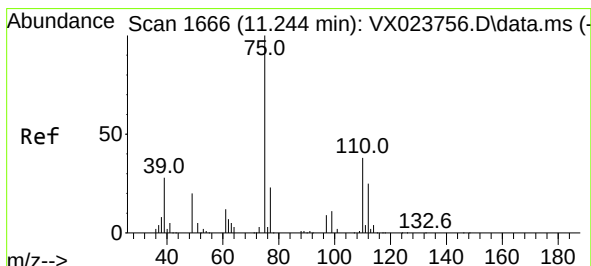
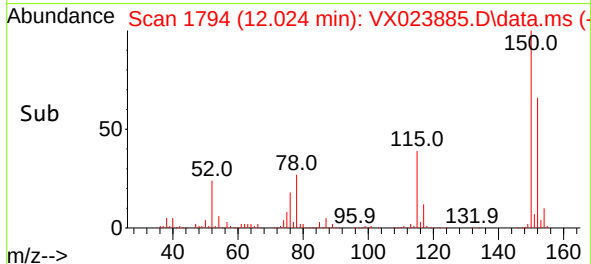
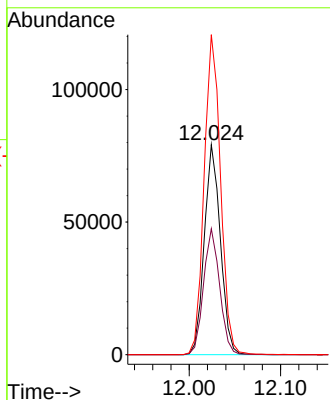
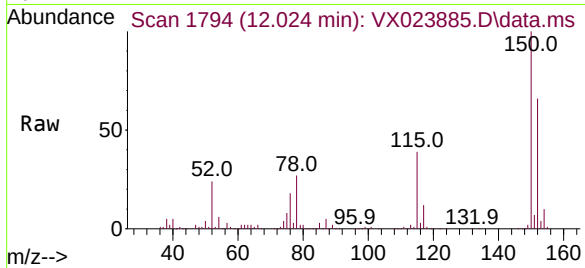




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023885.D
 Acq: 20 Aug 2021 18:20

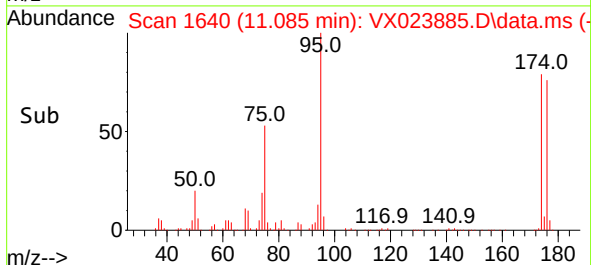
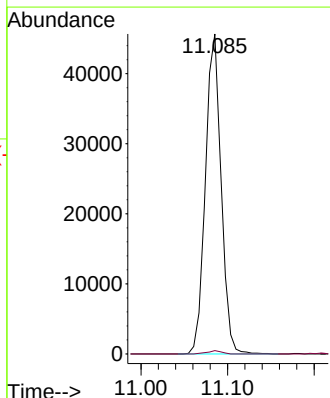
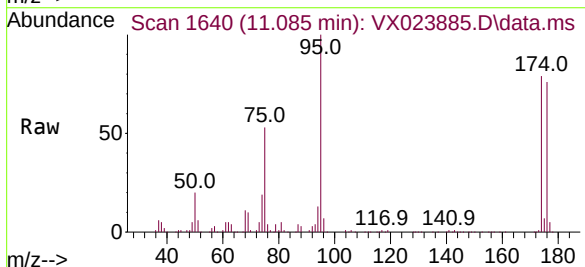
Instrument :
 MSVOA_X
 ClientSampled :

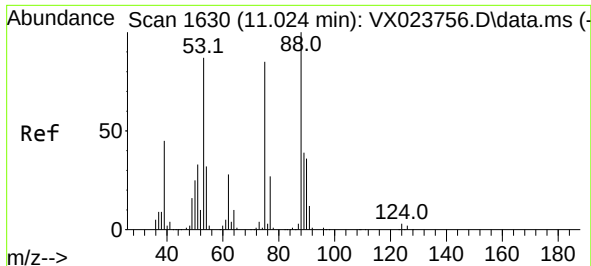
Tgt Ion:152 Resp: 96504
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.527 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023885.D
 Acq: 20 Aug 2021 18:20

Tgt Ion: 75 Resp: 57465
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

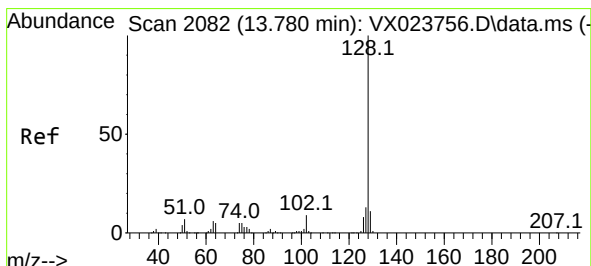
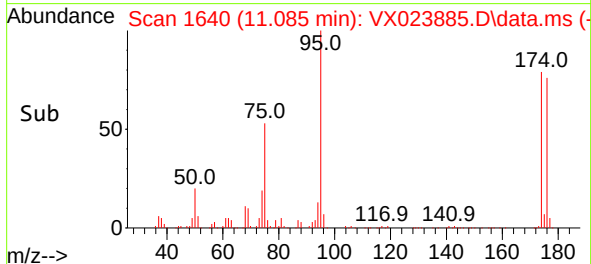
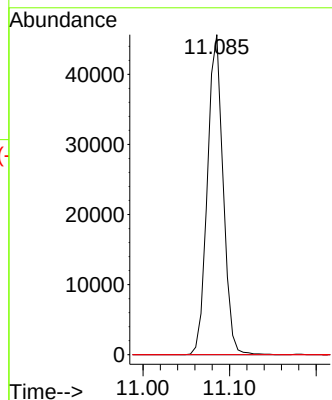
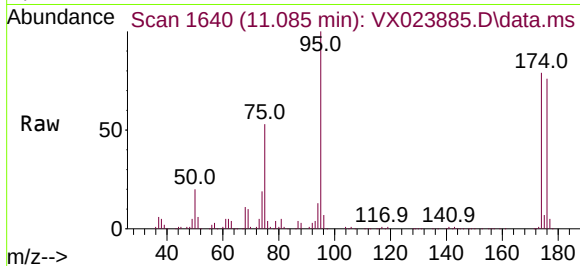




#81
trans-1,4-Dichloro-2-butene
Concen: 75.087 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 57465
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.358 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023885.D
Acq: 20 Aug 2021 18:20

Tgt Ion: 128 Resp: 547
Ion Ratio Lower Upper
128 100
127 6.2 10.3 15.5#
129 0.0 8.8 13.2#

