

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023546.D
 Acq On : 04 Aug 2021 17:36
 Operator : JC/MD
 Sample : VX0805WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBL01

Quant Time: Aug 05 06:08:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

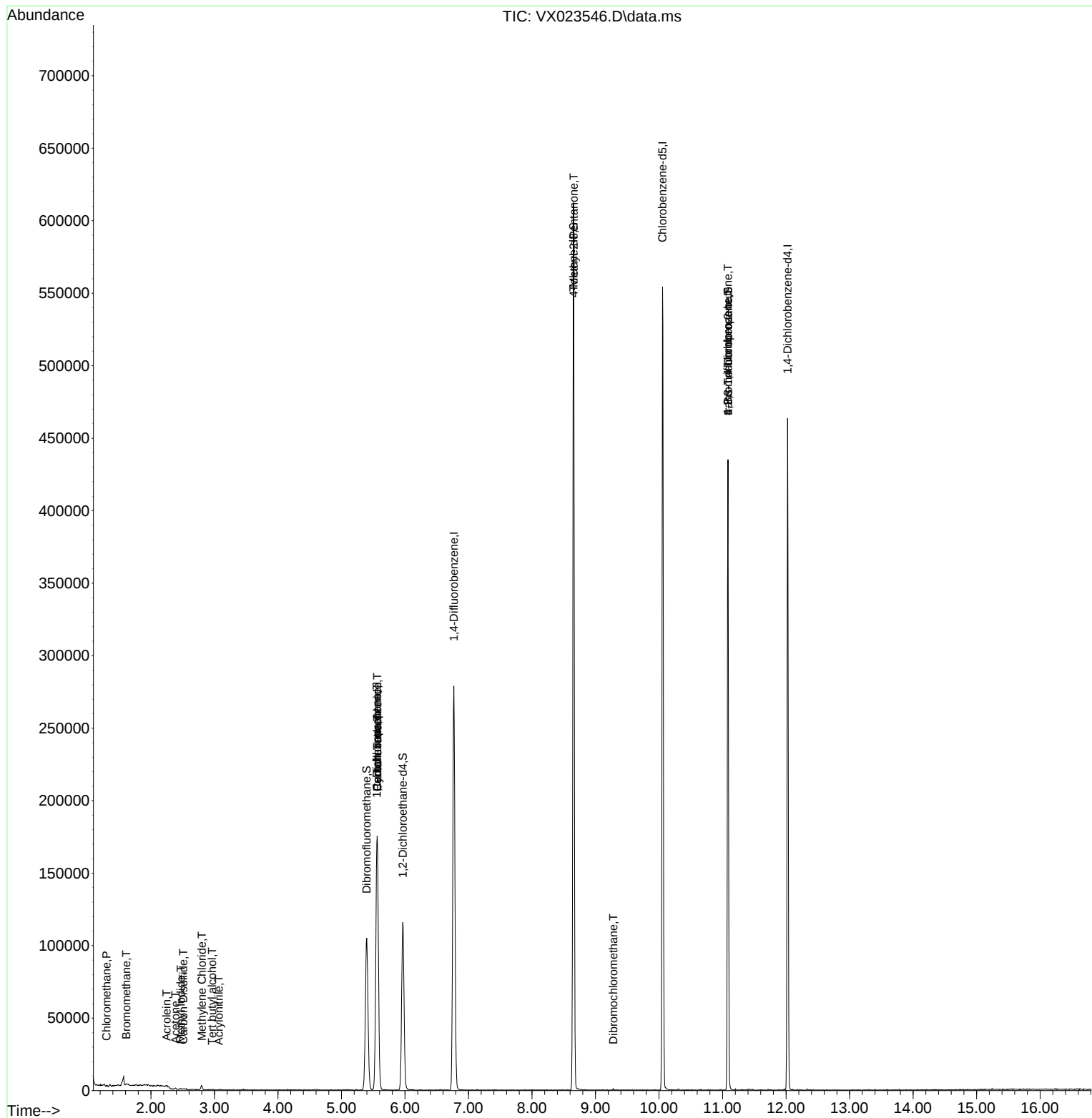
Internal Standards						
1) Pentafluorobenzene	5.562	168	170562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	285203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110927	52.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.280%			
35) Dibromofluoromethane	5.397	113	88673	49.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.460%			
50) Toluene-d8	8.653	98	339393	51.803	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.085	95	105624	47.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.820%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	436	0.239	ug/l #	88
5) Bromomethane	1.611	94	379	0.345	ug/l #	59
10) Methyl Iodide	2.471	142	847	0.400	ug/l #	89
11) Tert butyl alcohol	2.965	59	166	0.342	ug/l #	73
13) Acrolein	2.245	56	72	1.654	ug/l #	3
15) Acrylonitrile	3.068	53	230	0.210	ug/l #	18
16) Acetone	2.385	43	1005	0.963	ug/l #	82
17) Carbon Disulfide	2.507	76	951	0.230	ug/l #	75
20) Methylene Chloride	2.800	84	1375	0.677	ug/l	91
31) Cyclohexane	5.562	56	3768	1.196	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	12870	4.988	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16728	6.376	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1643	0.533	ug/l #	1
60) Dibromochloromethane	9.280	129	106	2.031	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56461	27.417	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56461	73.721	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023546.D
Acq On : 04 Aug 2021 17:36
Operator : JC/MD
Sample : VX0805WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

Quant Time: Aug 05 06:08:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

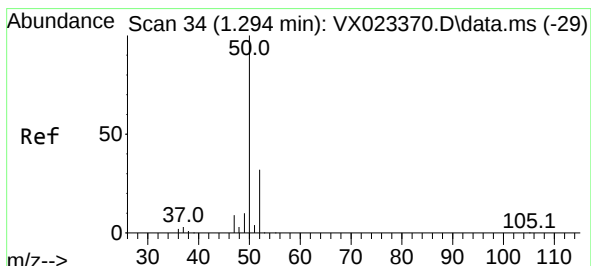
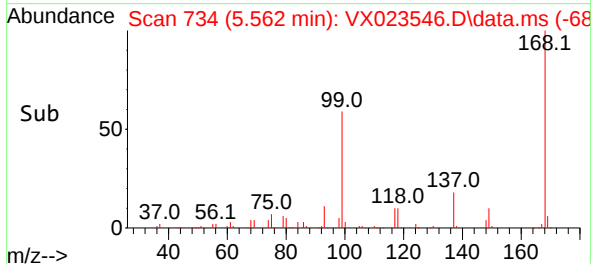
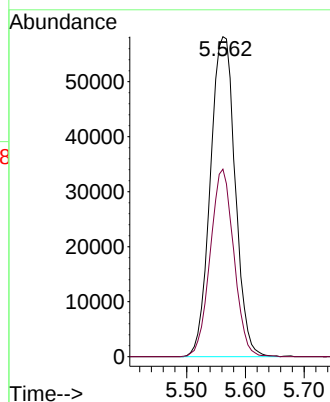
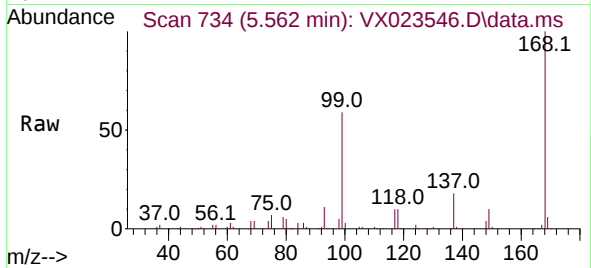




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

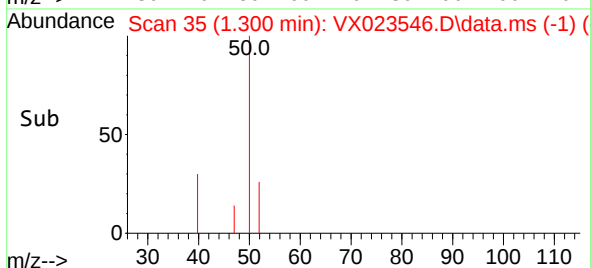
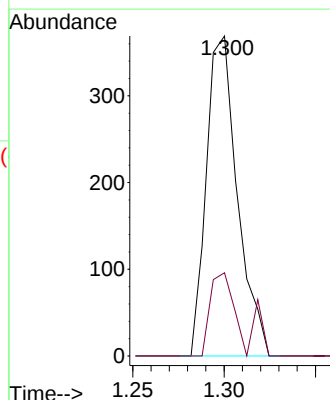
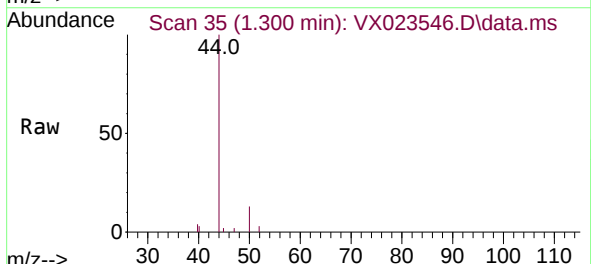
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

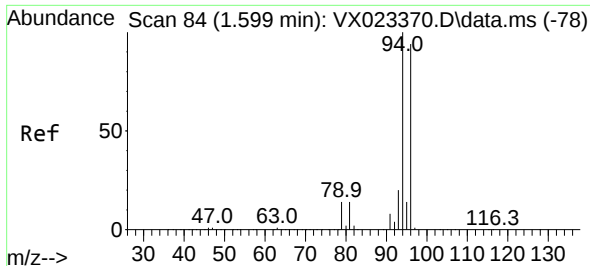
Tgt Ion:168 Resp: 170562
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 50 Resp: 436
Ion Ratio Lower Upper
50 100
52 26.0 26.4 39.6#

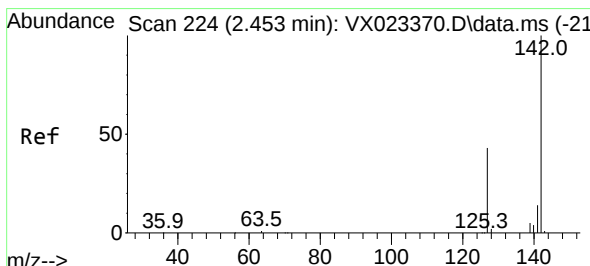
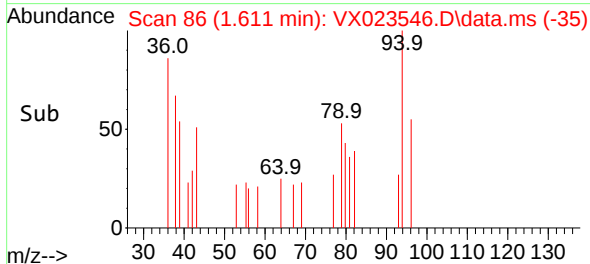
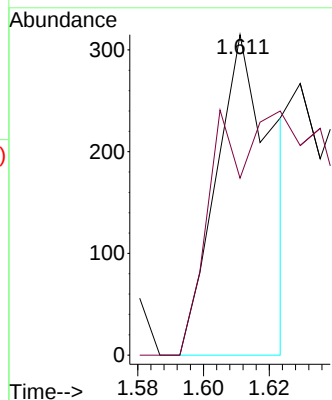
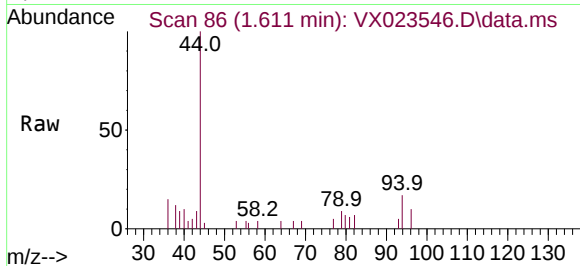




#5
Bromomethane
Concen: 0.345 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

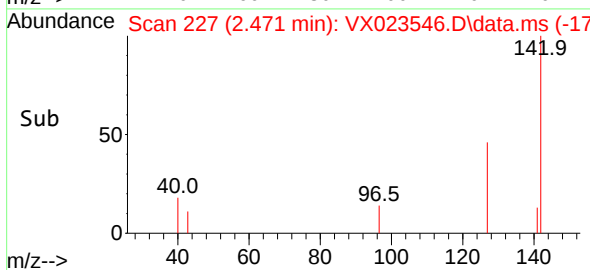
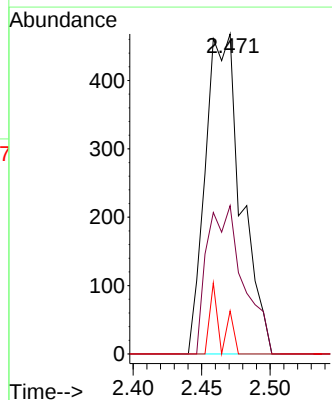
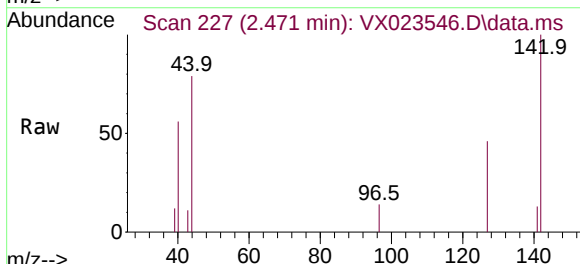
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

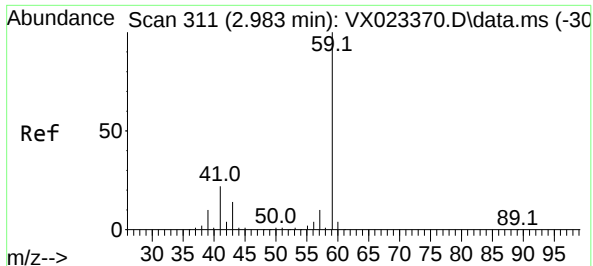
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 55.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.400 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion:142 Resp: 847
Ion Ratio Lower Upper
142 100
127 47.1 33.3 49.9
141 7.2 11.4 17.0#



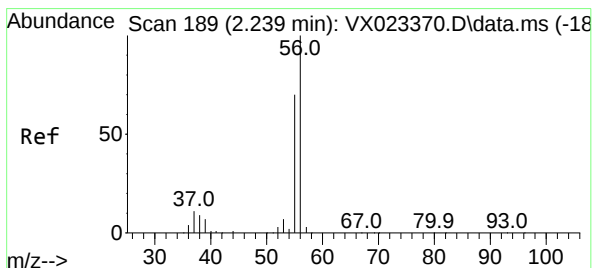
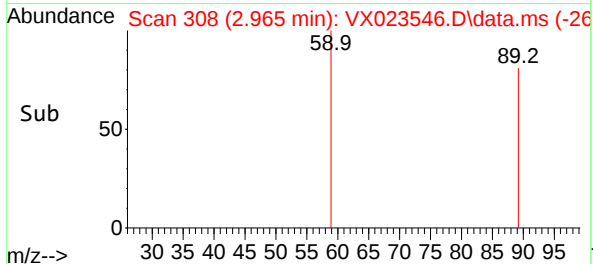
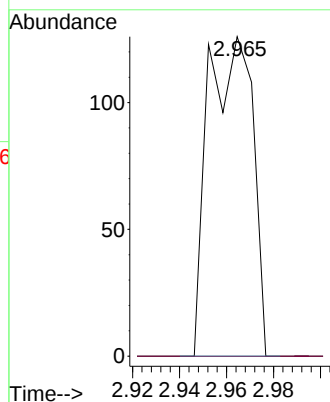
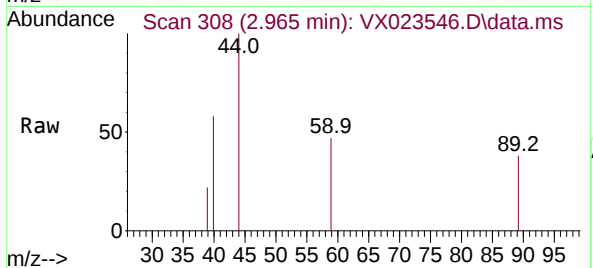


#11

Tert butyl alcohol
Concen: 0.342 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

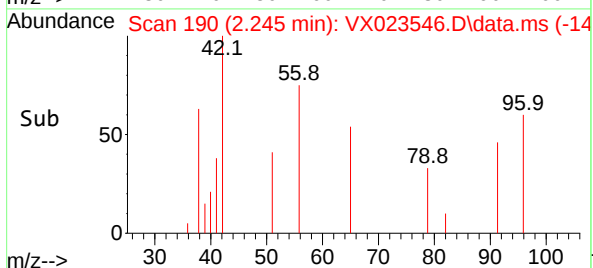
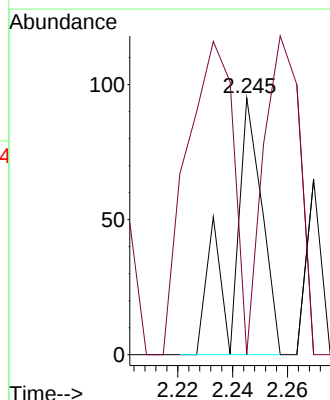
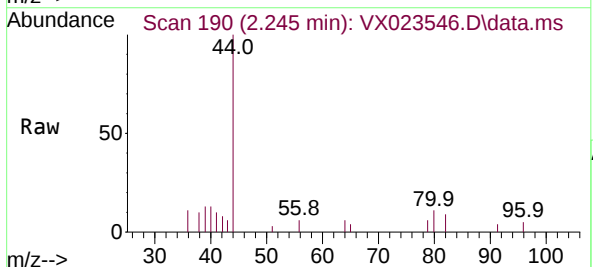
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

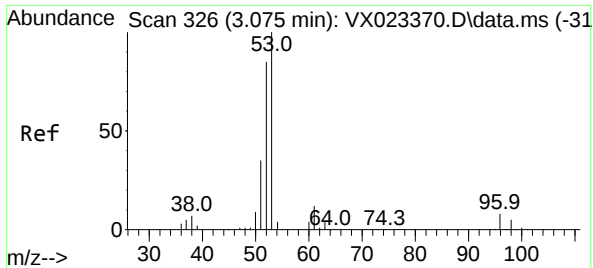


#13

Acrolein
Concen: 1.654 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 150.0 56.4 84.6#

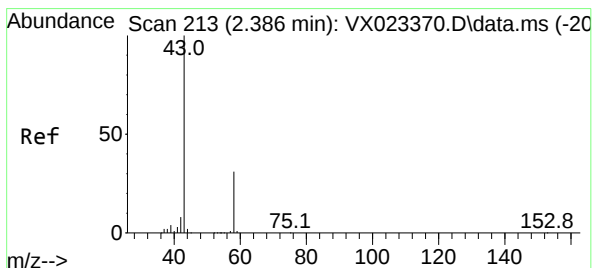
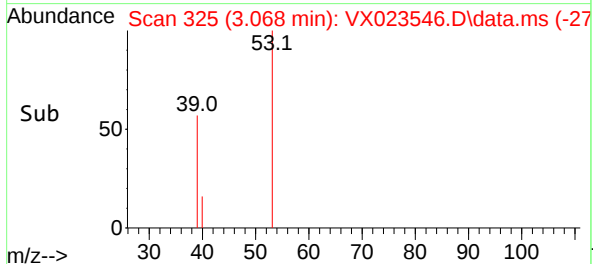
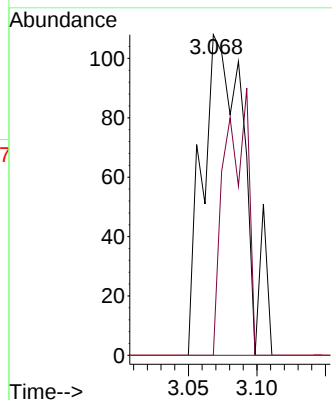
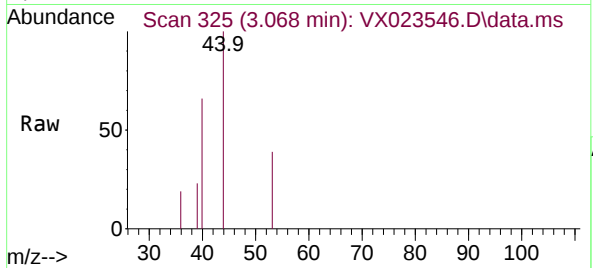




#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.007 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

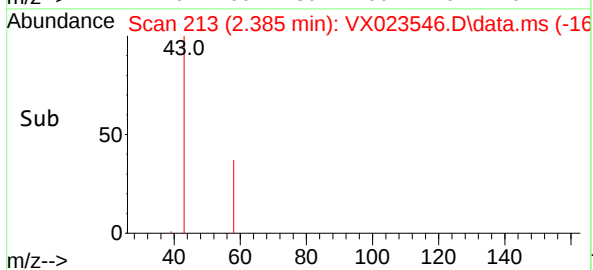
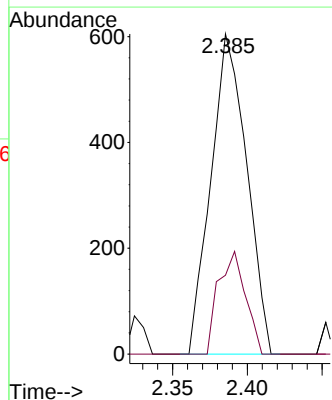
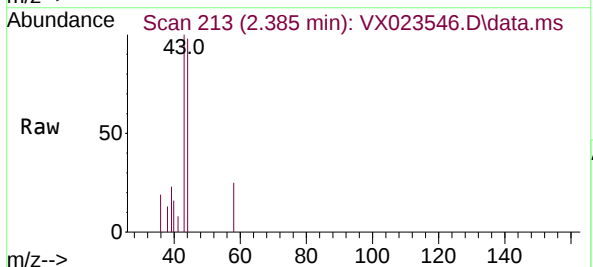
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

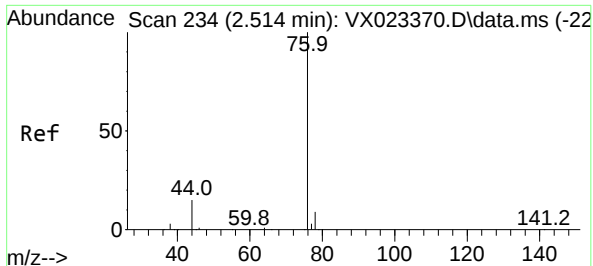
Tgt Ion: 53 Resp: 230
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.963 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#

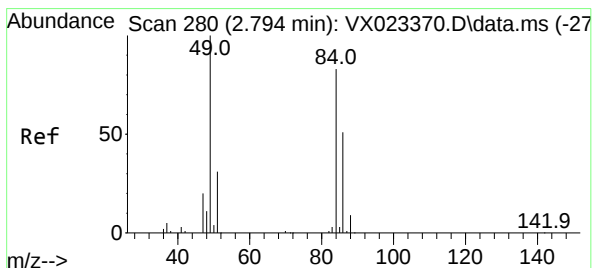
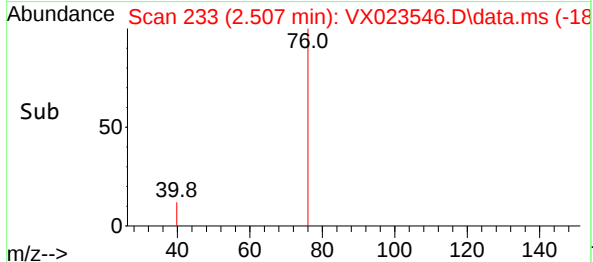
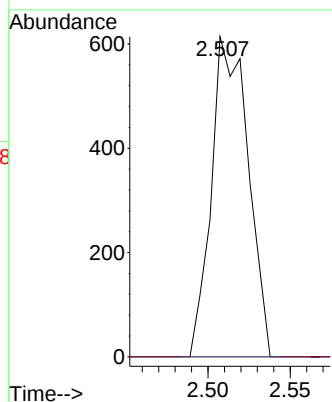
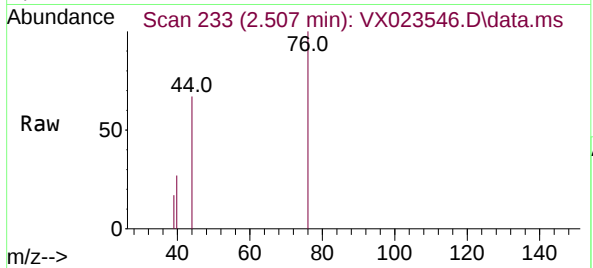




#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

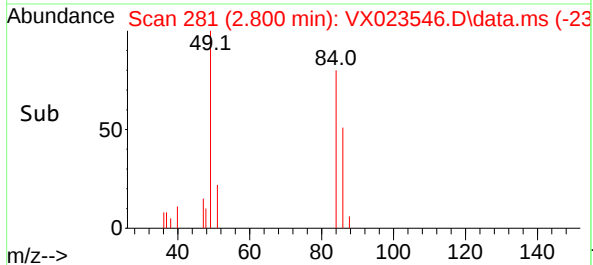
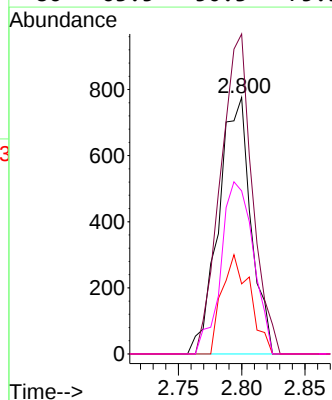
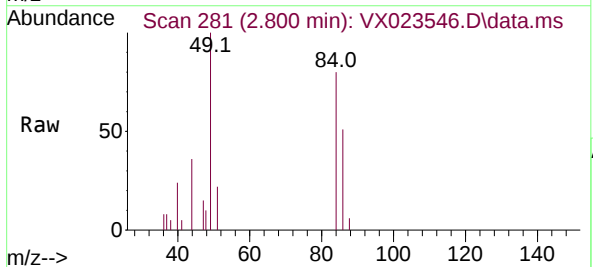
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

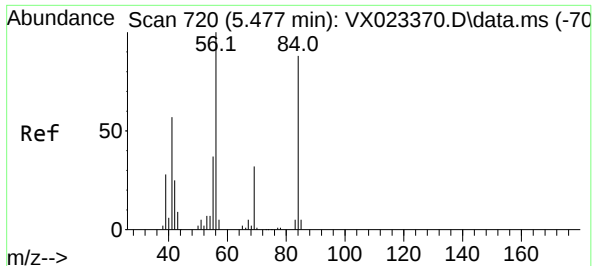
Tgt Ion: 76 Resp: 951
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.677 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 84 Resp: 1375
Ion Ratio Lower Upper
84 100
49 124.7 88.6 132.8
51 27.3 27.0 40.6
86 63.5 50.3 75.5





#31

Cyclohexane

Concen: 1.196 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023546.D

Acq: 04 Aug 2021 17:36

Tgt Ion: 56 Resp: 3768

Ion Ratio Lower Upper

56 100

69 160.0 25.3 37.9#

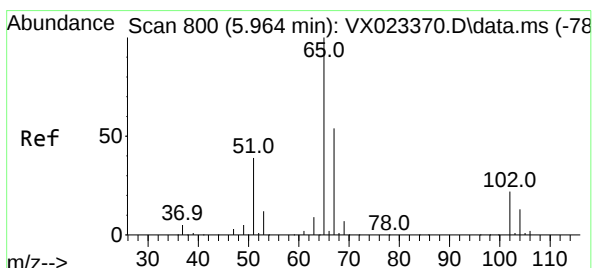
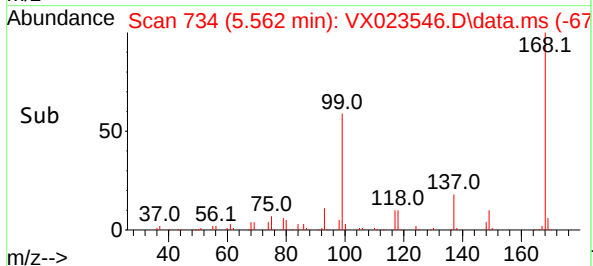
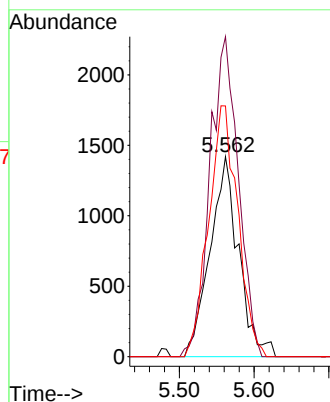
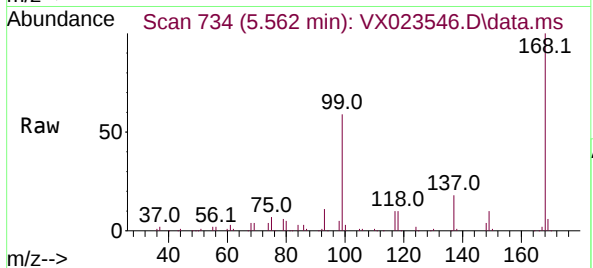
84 125.4 71.4 107.0#

Instrument :

MSVOA_X

ClientSampleId :

VX0805WBL01



#33

1,2-Dichloroethane-d4

Concen: 52.137 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX023546.D

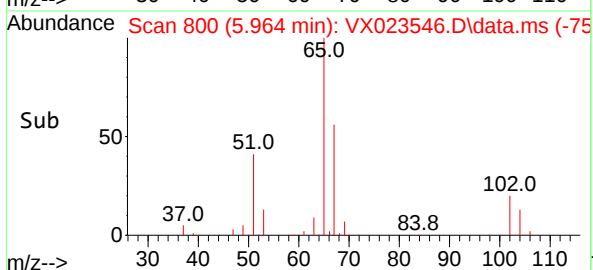
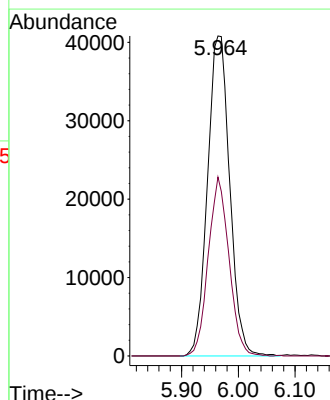
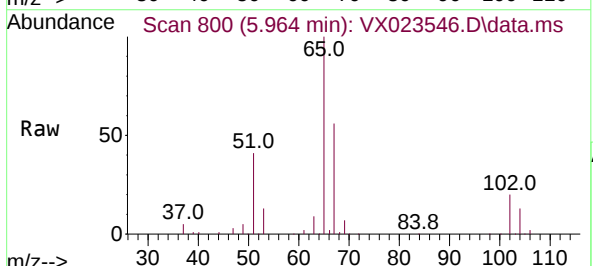
Acq: 04 Aug 2021 17:36

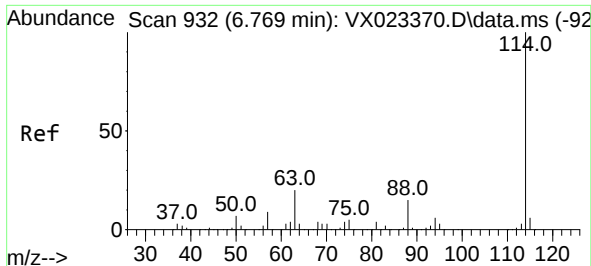
Tgt Ion: 65 Resp: 110927

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4

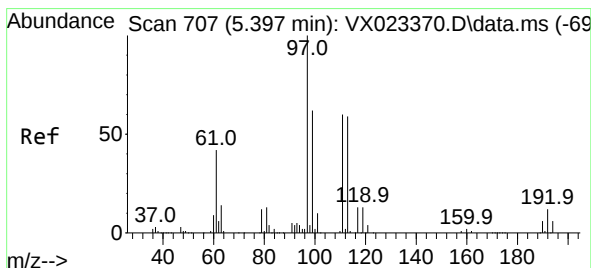
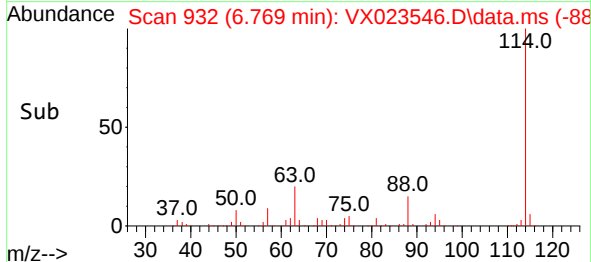
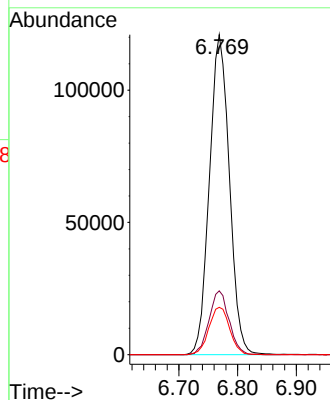
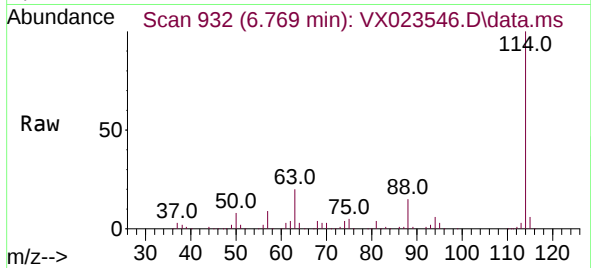




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

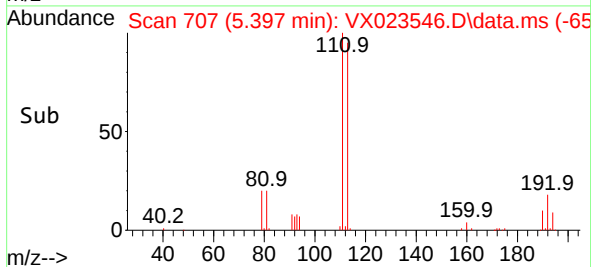
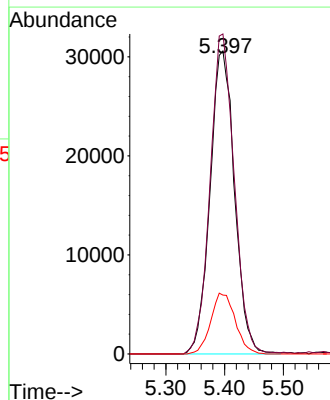
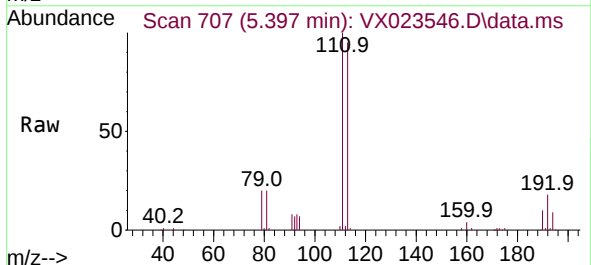
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

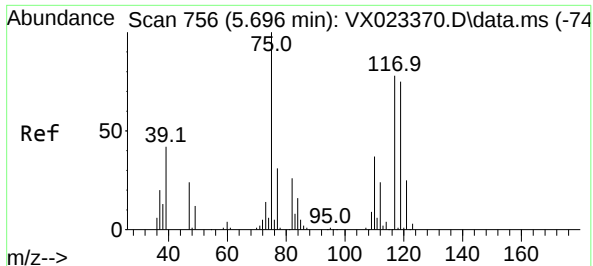
Tgt Ion:114 Resp: 285203
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 14.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.726 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

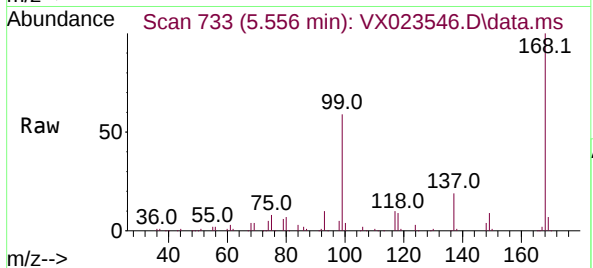
Tgt Ion:113 Resp: 88673
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.0 16.7 25.1



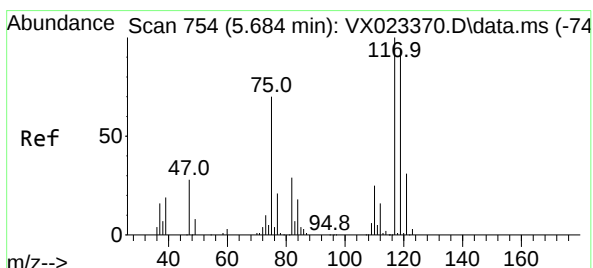
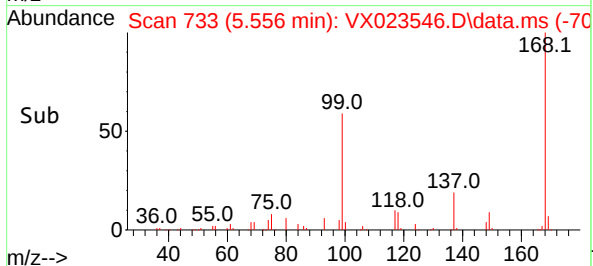
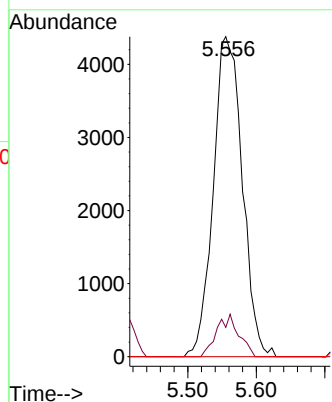


#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

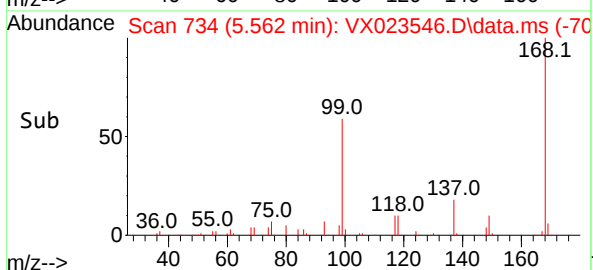
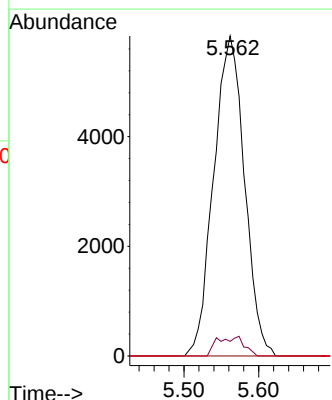
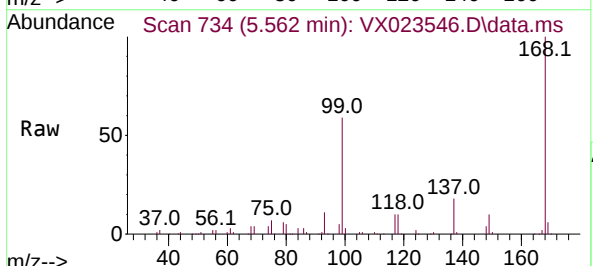


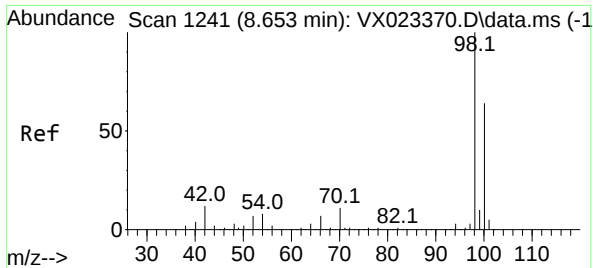
Tgt Ion: 75 Resp: 12870
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.376 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 117 Resp: 16728
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

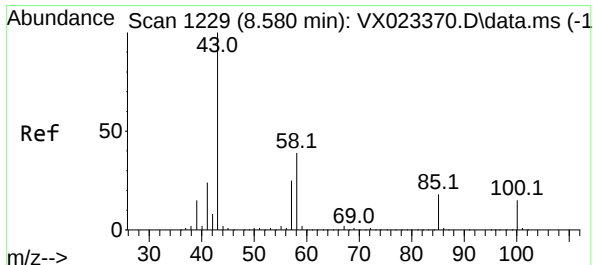
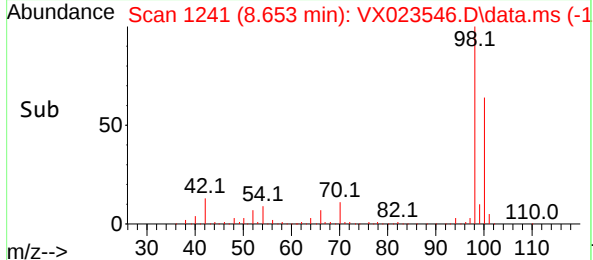
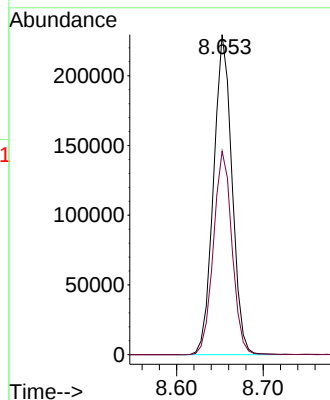
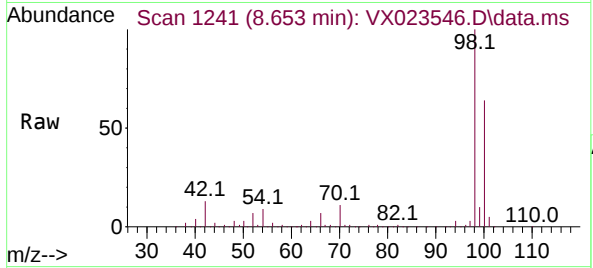




#50
Toluene-d8
Concen: 51.803 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

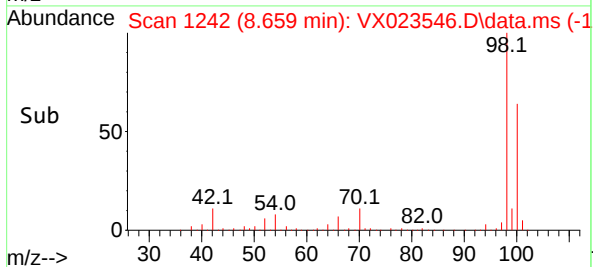
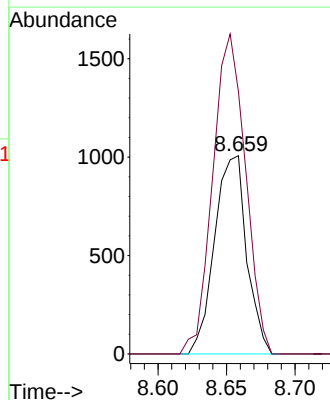
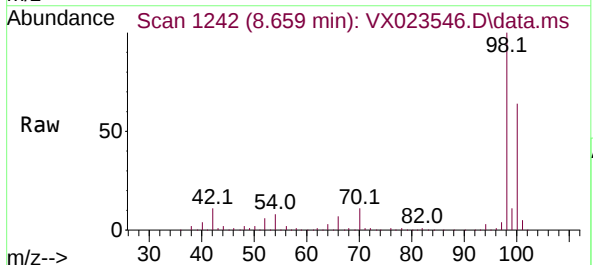
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

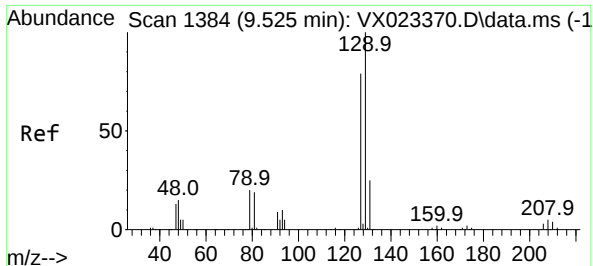
Tgt Ion: 98 Resp: 339393
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
58 164.5 35.4 53.0#





#60

Dibromochloromethane

Concen: 2.031 ug/l

RT: 9.280 min Scan# 1344

Delta R.T. -0.245 min

Lab File: VX023546.D

Acq: 04 Aug 2021 17:36

Instrument :

MSVOA_X

ClientSampleId :

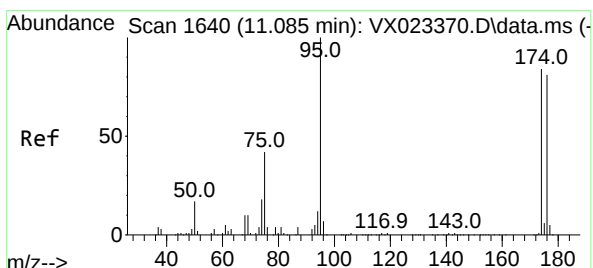
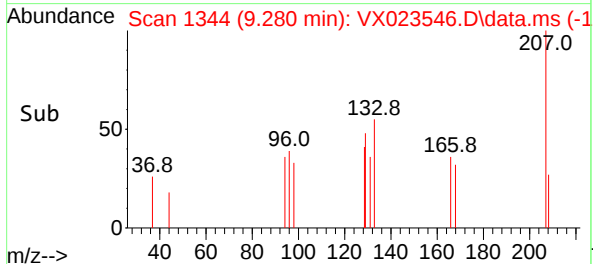
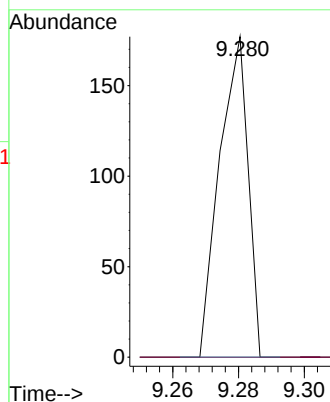
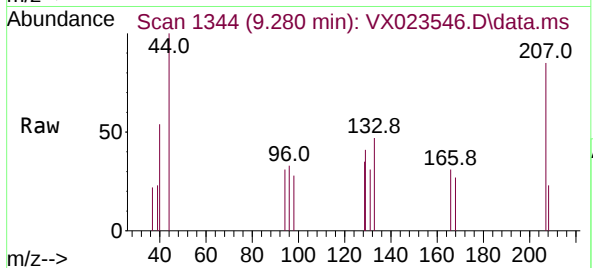
VX0805WBL01

Tgt Ion:129 Resp: 106

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.412 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023546.D

Acq: 04 Aug 2021 17:36

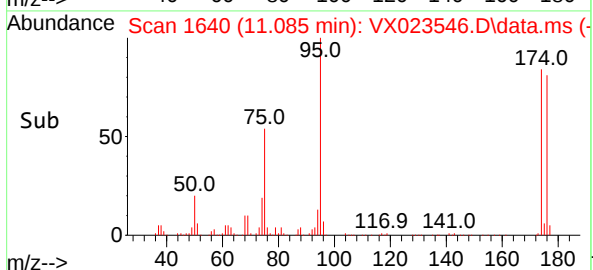
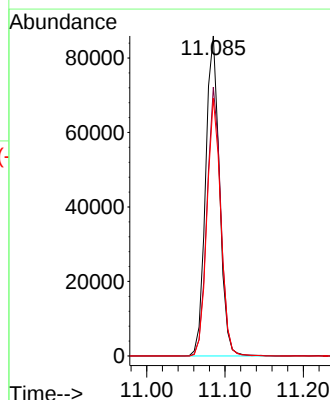
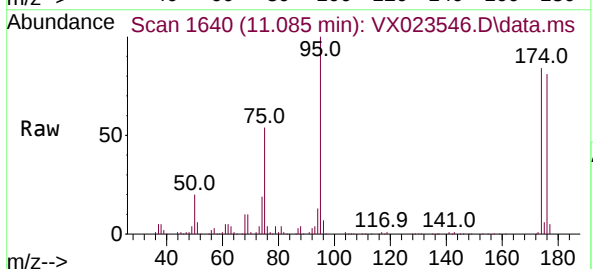
Tgt Ion: 95 Resp: 105624

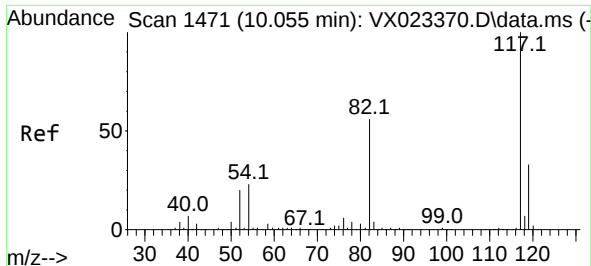
Ion Ratio Lower Upper

95 100

174 83.3 0.0 154.6

176 79.9 0.0 155.8

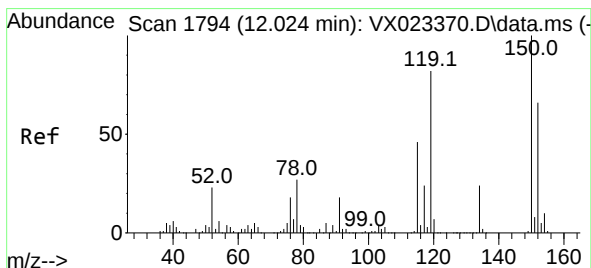
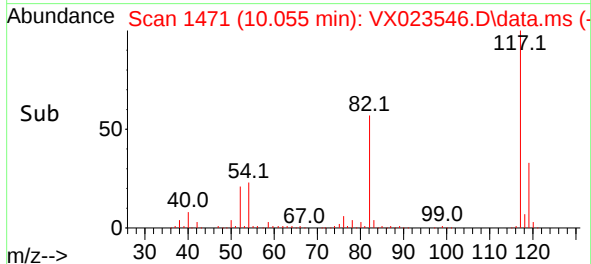
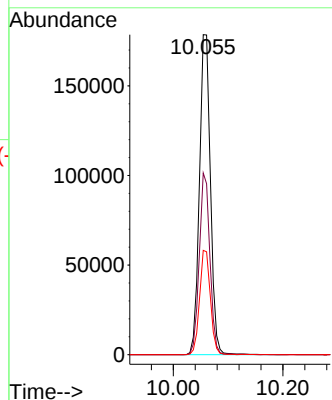
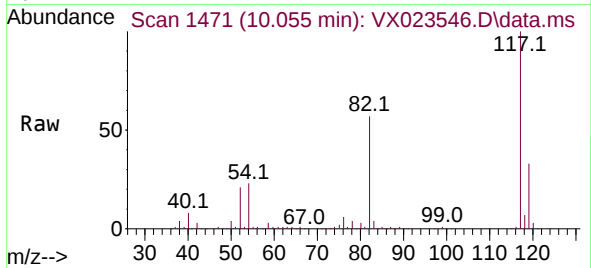




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

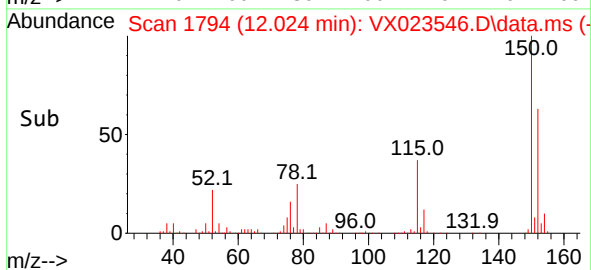
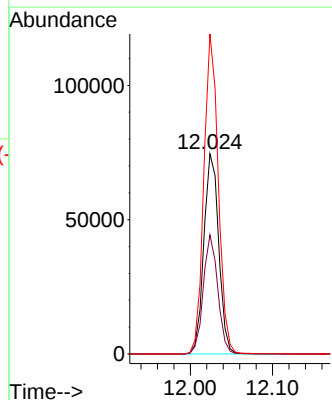
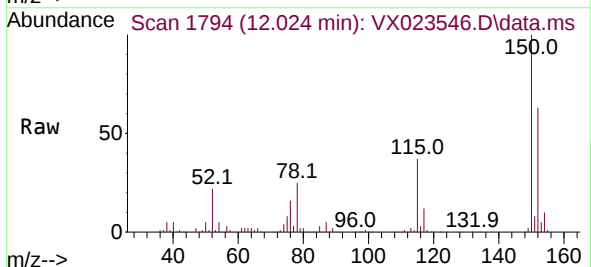
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

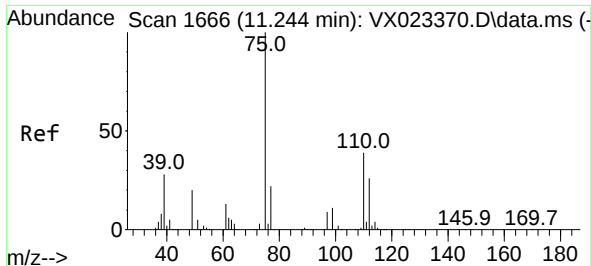
Tgt Ion:117 Resp: 249981
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion:152 Resp: 93582
Ion Ratio Lower Upper
152 100
115 57.9 41.1 123.3
150 155.0 0.0 349.0

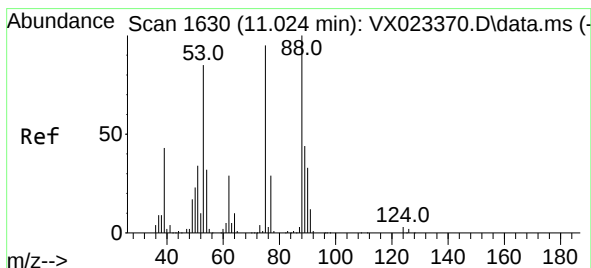
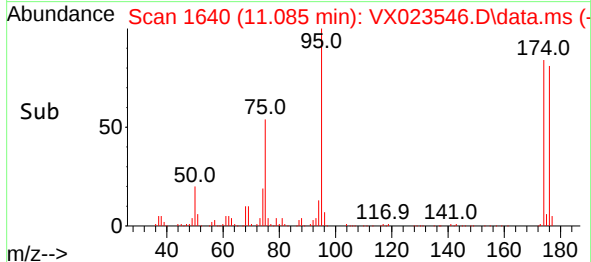
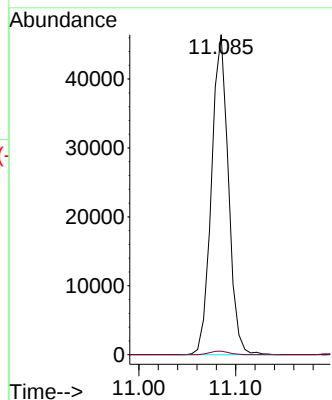
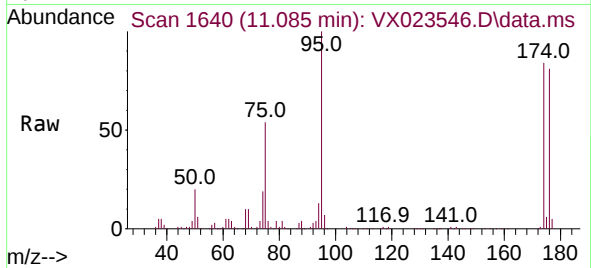




#76
1,2,3-Trichloropropane
Concen: 27.417 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

Tgt Ion: 75 Resp: 56461
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.721 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023546.D
Acq: 04 Aug 2021 17:36

Tgt Ion: 75 Resp: 56461
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

