

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024046.D
 Acq On : 31 Aug 2021 16:00
 Operator : JC/MD
 Sample : M3584-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20210827

Quant Time: Sep 01 05:03:44 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)

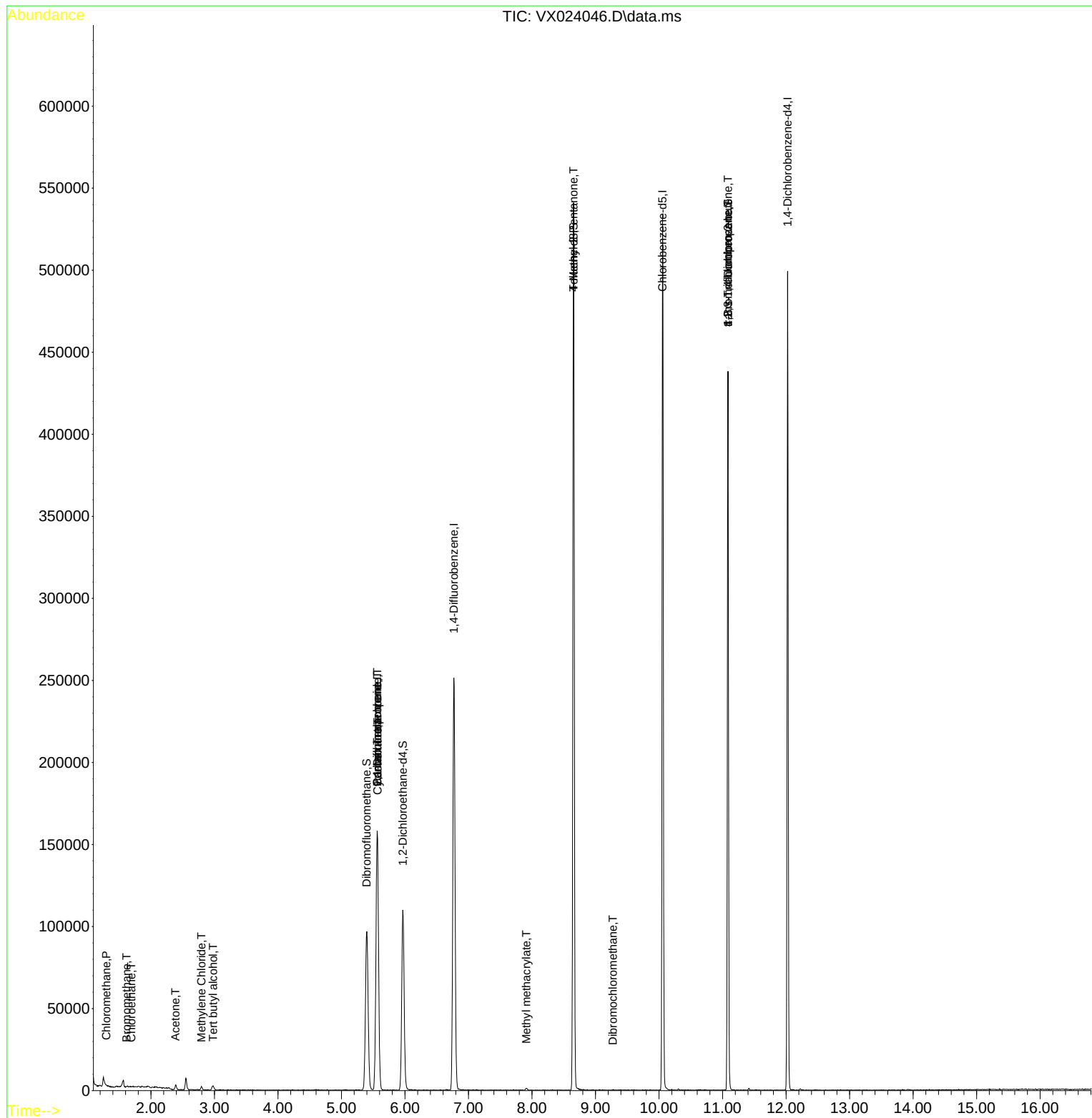
Internal Standards						
1) Pentafluorobenzene	5.562	168	145754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109075	53.619	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.240%			
35) Dibromofluoromethane	5.397	113	83872	50.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	8.653	98	307884	48.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.360%			
62) 4-Bromofluorobenzene	11.085	95	109433	46.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.000%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	346	0.205	ug/l #	84
5) Bromomethane	1.617	94	423	0.409	ug/l #	74
6) Chloroethane	1.691	64	517	2.577	ug/l #	43
11) Tert butyl alcohol	2.977	59	2964	7.205	ug/l	95
16) Acetone	2.386	43	3136	3.448	ug/l #	82
20) Methylene Chloride	2.794	84	750	0.432	ug/l	99
31) Cyclohexane	5.568	56	3562	1.363	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	11728	5.044	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15609	6.437	ug/l #	16
48) Methyl methacrylate	7.909	41	545	0.250	ug/l #	36
51) 4-Methyl-2-Pentanone	8.653	43	1561	0.540	ug/l #	1
60) Dibromochloromethane	9.275	129	19	1.697	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60200	26.789	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60200	78.802	ug/l #	12

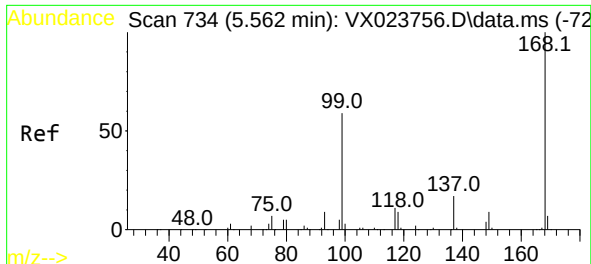
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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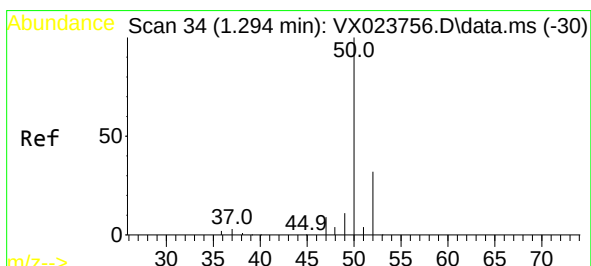
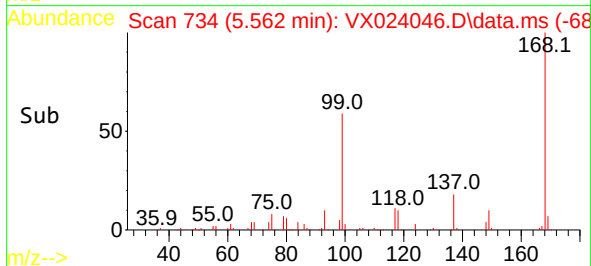
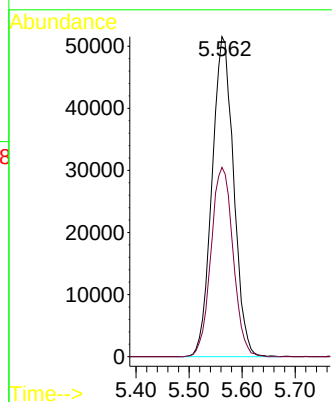
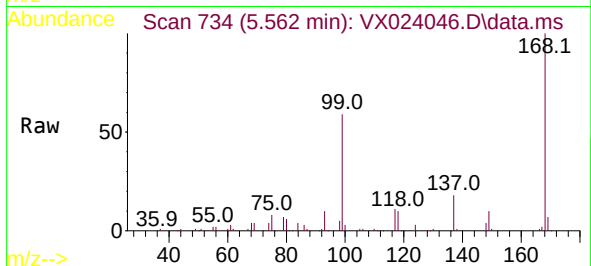




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

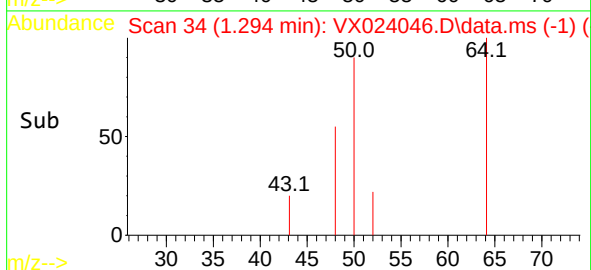
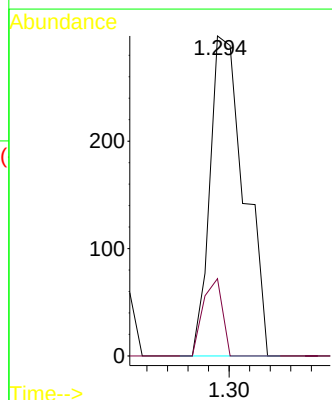
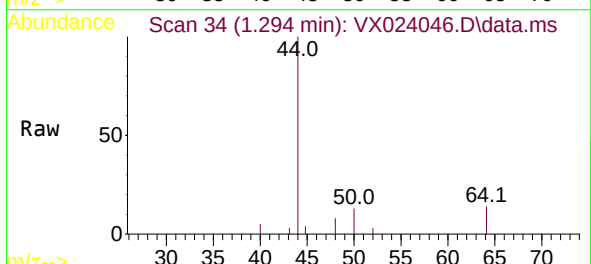
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

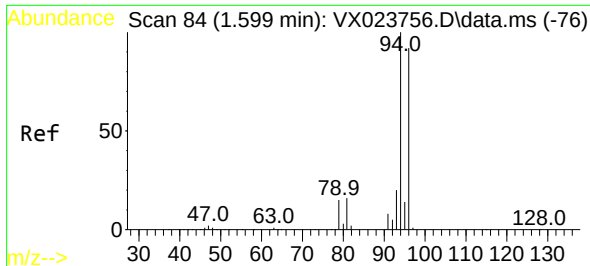
Tgt Ion:168 Resp: 145754
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6#

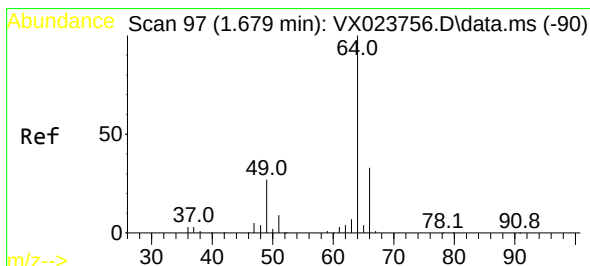
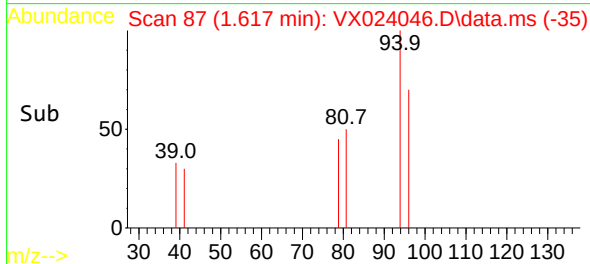
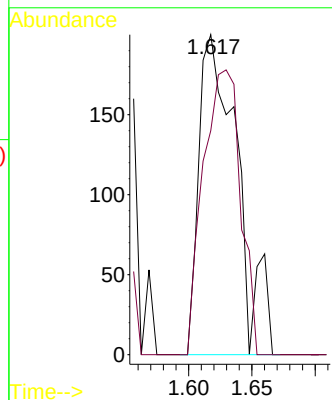
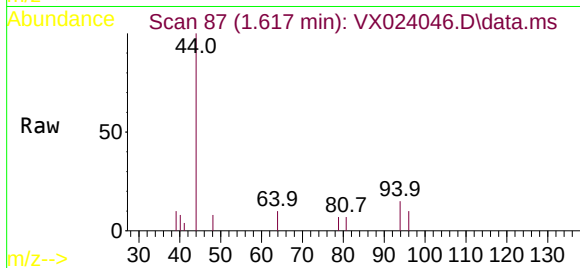




#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

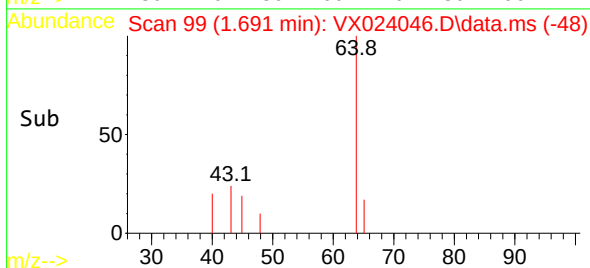
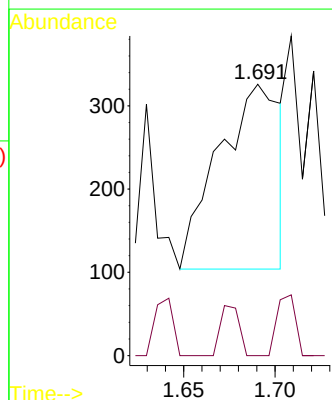
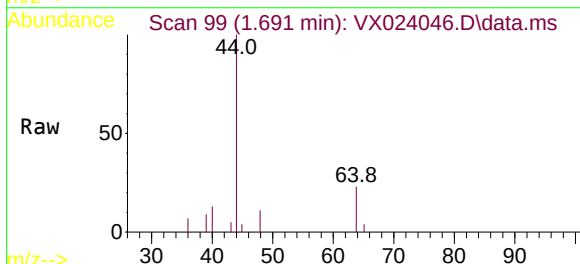
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

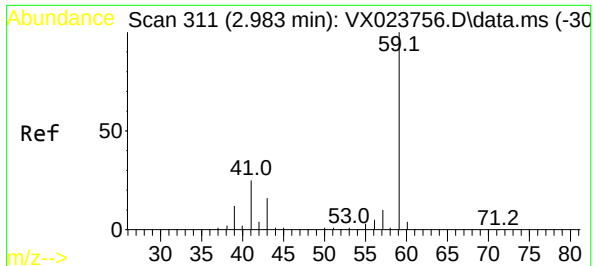
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 70.0 76.4 114.6#



#6
Chloroethane
Concen: 2.577 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 64 Resp: 517
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



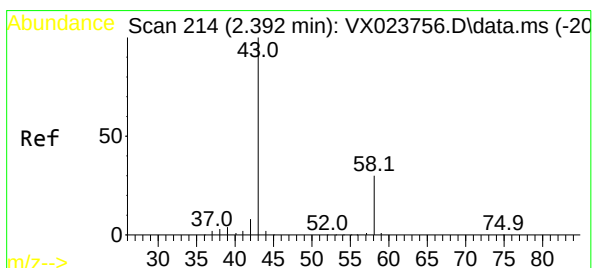
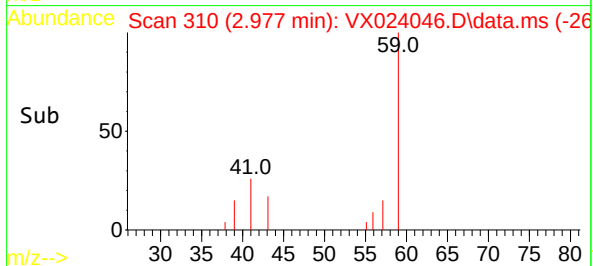
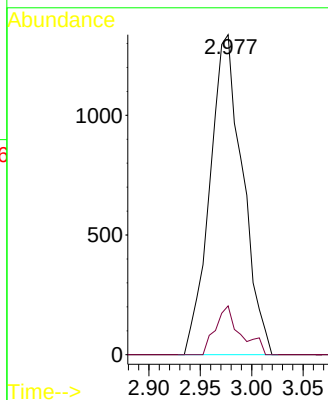
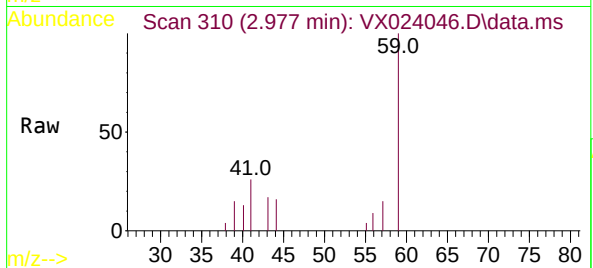


#11

Tert butyl alcohol
Concen: 7.205 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

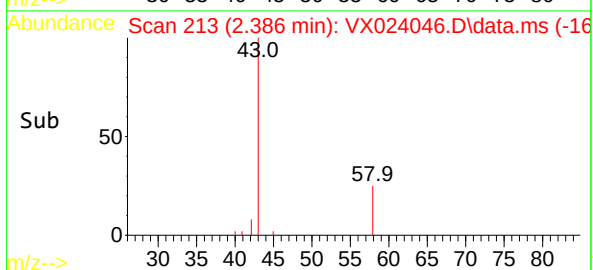
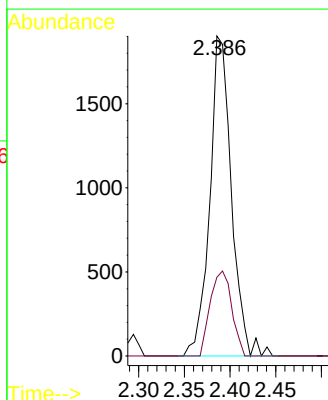
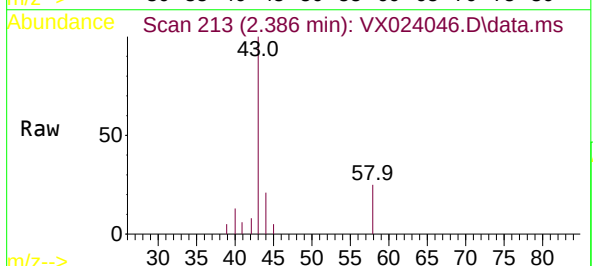
Tgt Ion: 59 Resp: 2964
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8

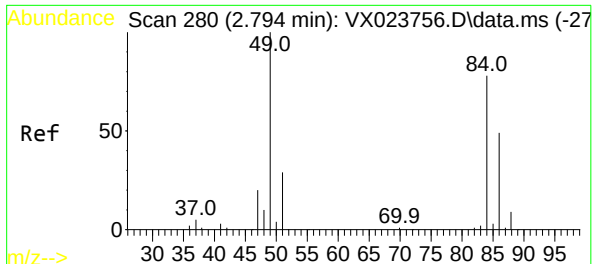


#16

Acetone
Concen: 3.448 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 43 Resp: 3136
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#





#20

Methylene Chloride

Concen: 0.432 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024046.D

Acq: 31 Aug 2021 16:00

Tgt Ion: 84 Resp: 750

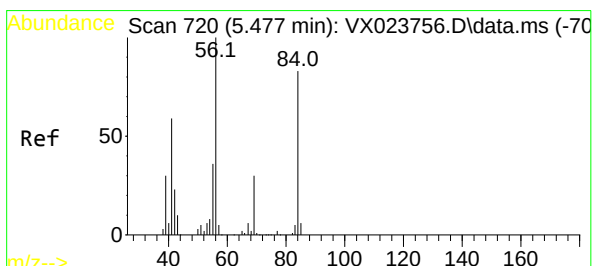
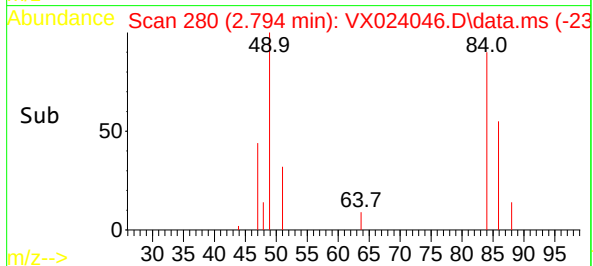
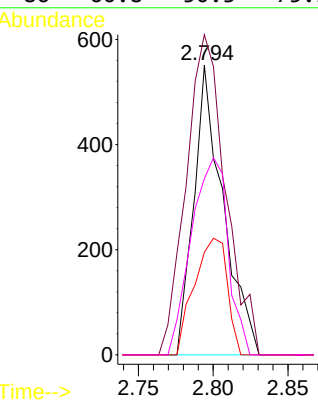
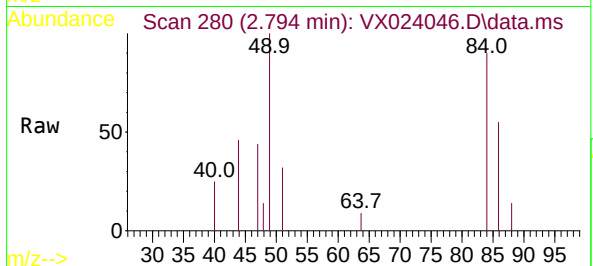
Ion Ratio Lower Upper

84 100

49 110.5 88.6 132.8

51 35.4 27.0 40.6

86 60.8 50.3 75.5



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024046.D

Acq: 31 Aug 2021 16:00

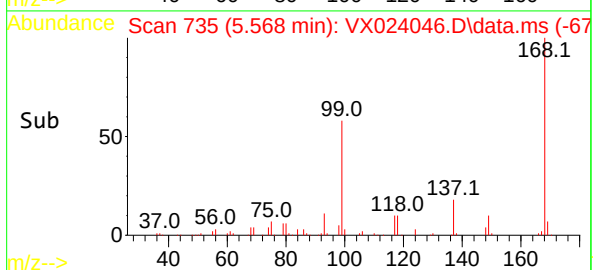
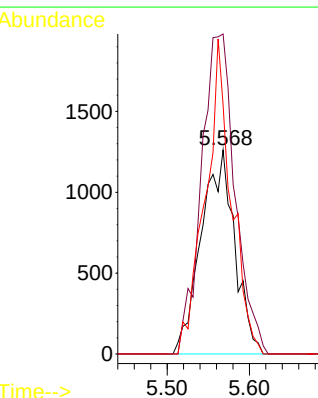
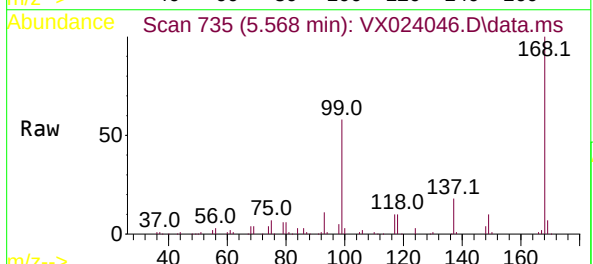
Tgt Ion: 56 Resp: 3562

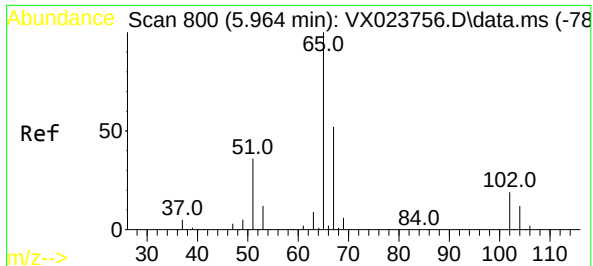
Ion Ratio Lower Upper

56 100

69 156.8 25.3 37.9#

84 122.2 71.4 107.0#



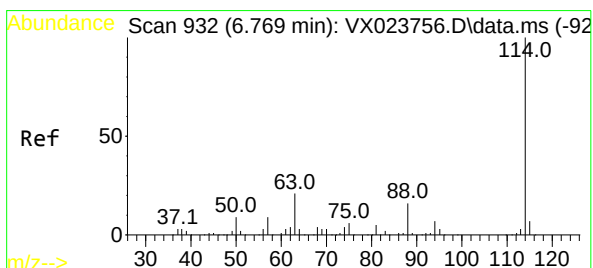
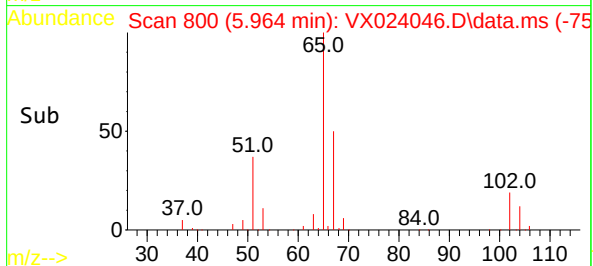
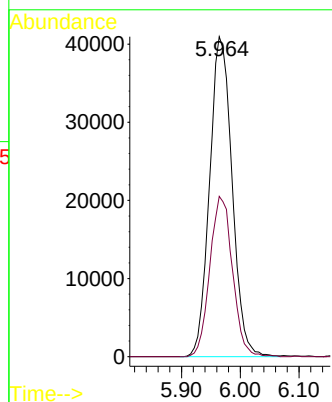
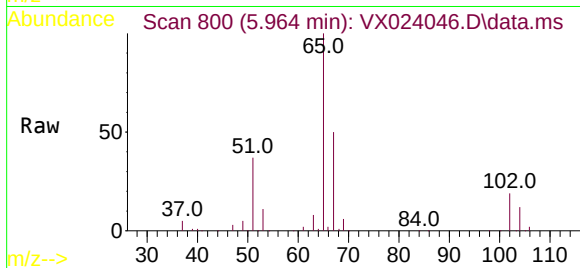


#33

1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Instrument :
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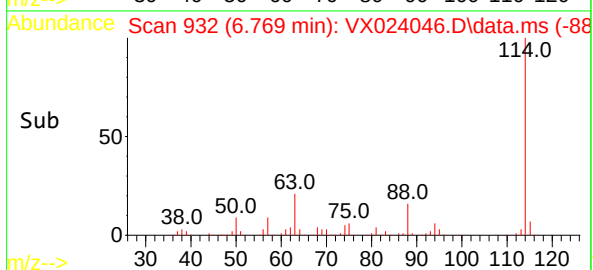
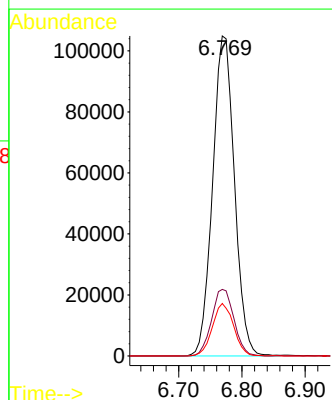
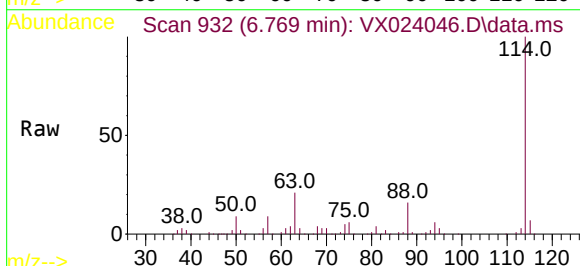
Tgt Ion: 65 Resp: 109075
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

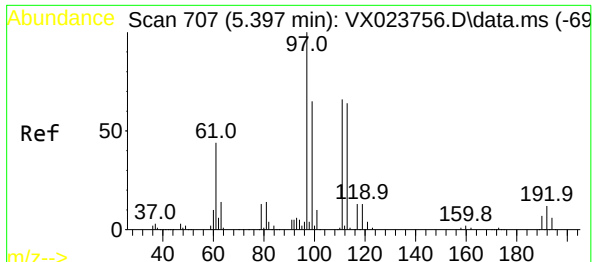


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 114 Resp: 251088
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8

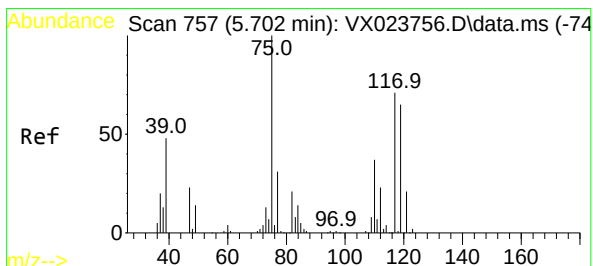
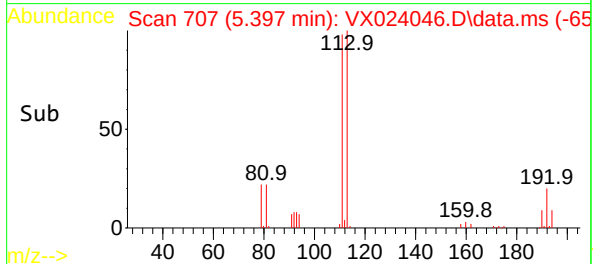
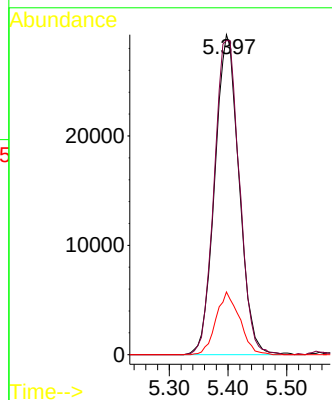
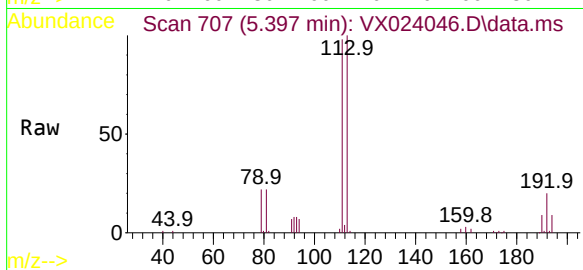




#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

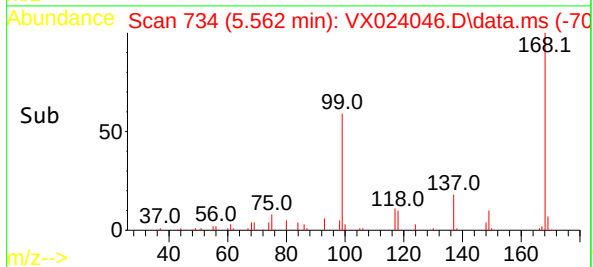
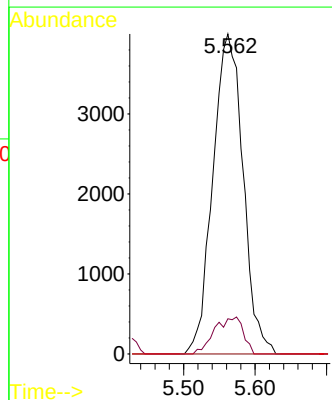
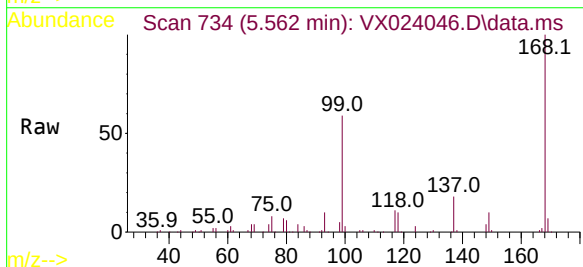
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

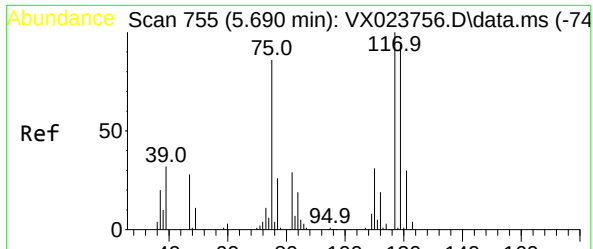
Tgt Ion:113 Resp: 83872
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

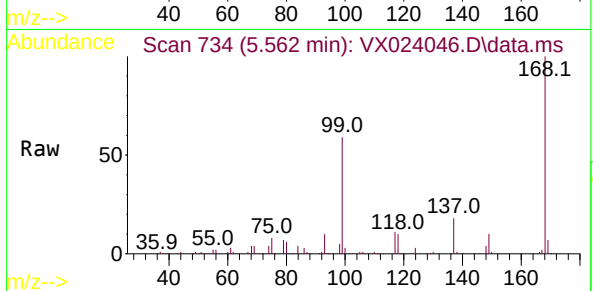
Tgt Ion: 75 Resp: 11728
Ion Ratio Lower Upper
75 100
110 11.0 18.1 54.4#
77 0.0 25.3 37.9#



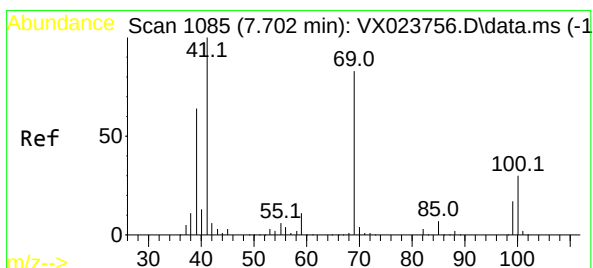
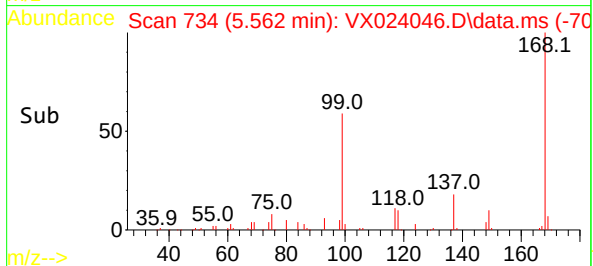
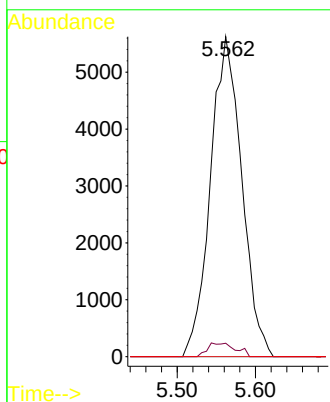


#38
Carbon Tetrachloride
Concen: 6.437 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

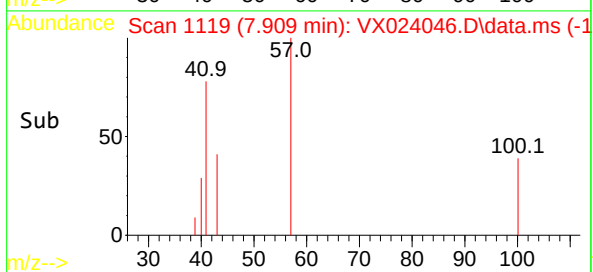
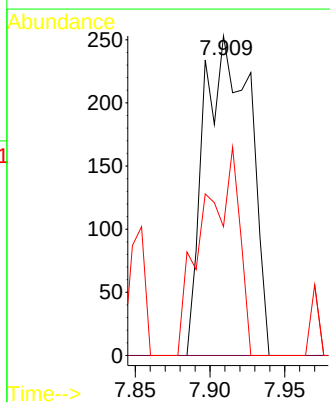
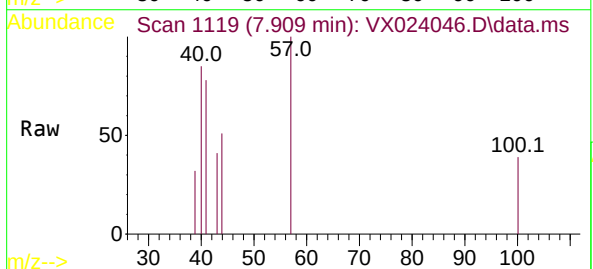


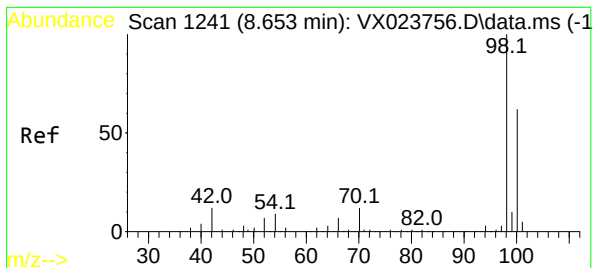
Tgt Ion:117 Resp: 15609
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 0.250 ug/l
RT: 7.909 min Scan# 1119
Delta R.T. 0.207 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 41 Resp: 545
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 50.6 44.6 67.0

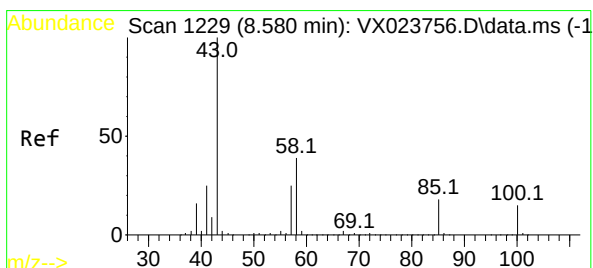
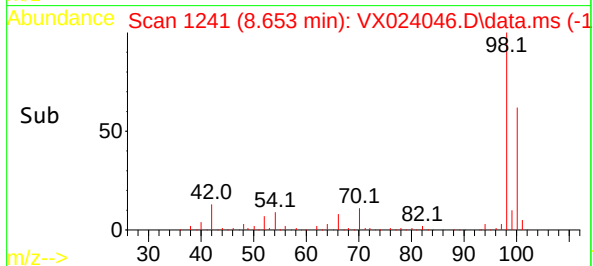
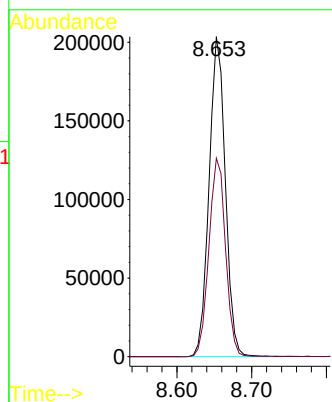
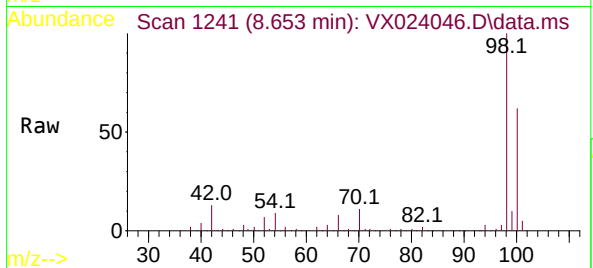




#50
Toluene-d8
Concen: 48.675 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

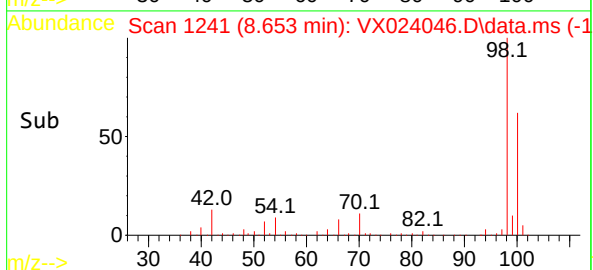
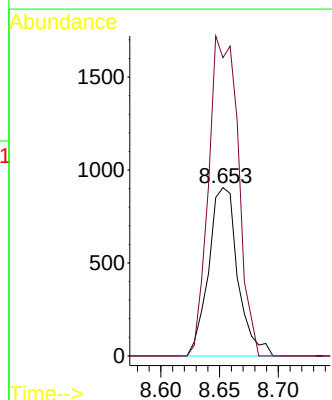
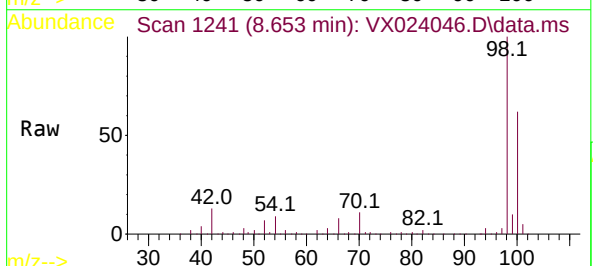
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

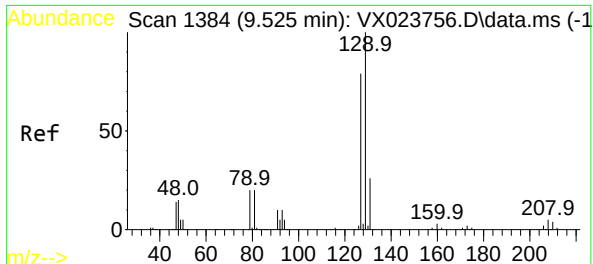
Tgt Ion: 98 Resp: 307884
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 192.8 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.697 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024046.D

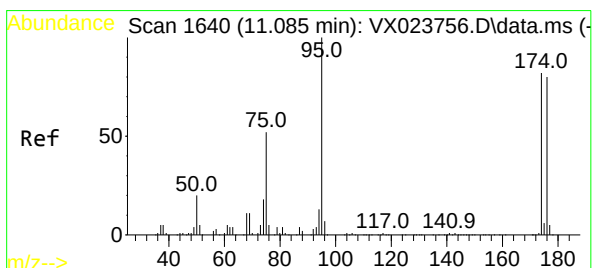
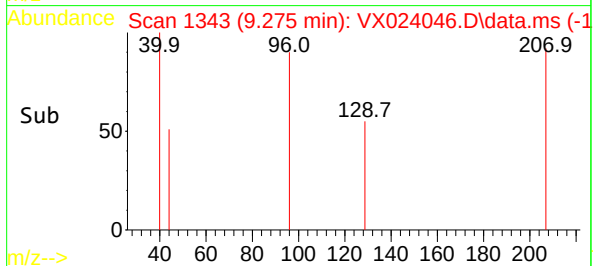
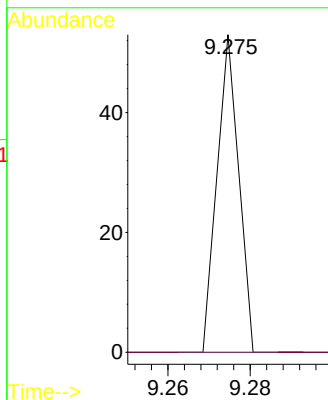
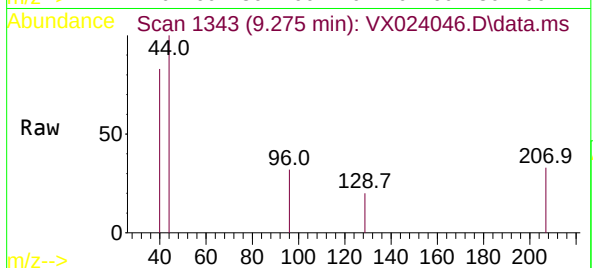
Acq: 31 Aug 2021 16:00

Tgt Ion:129 Resp: 19

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.997 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024046.D

Acq: 31 Aug 2021 16:00

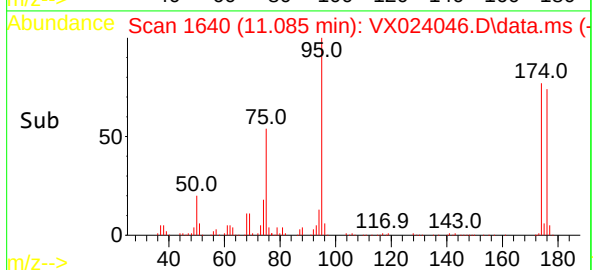
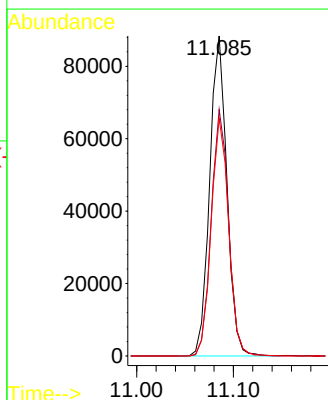
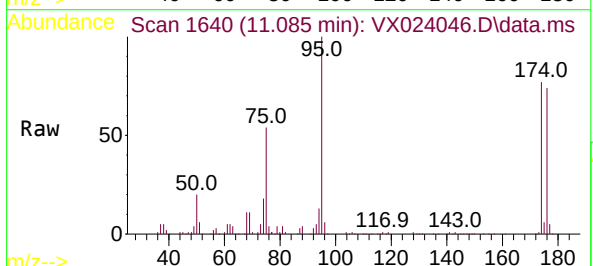
Tgt Ion: 95 Resp: 109433

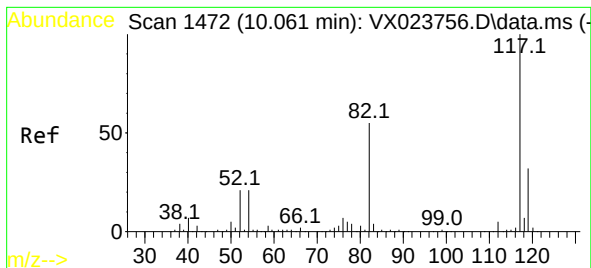
Ion Ratio Lower Upper

95 100

174 77.6 0.0 154.6

176 75.2 0.0 155.8

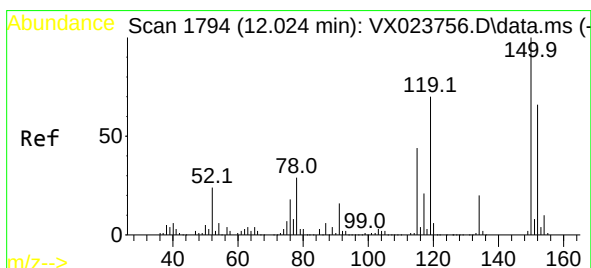
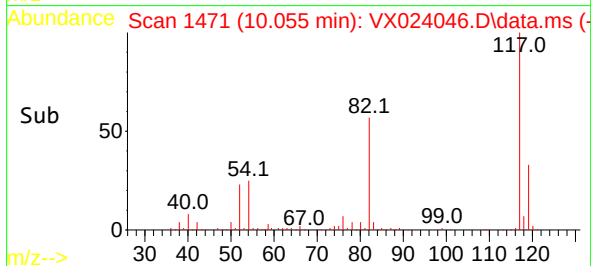
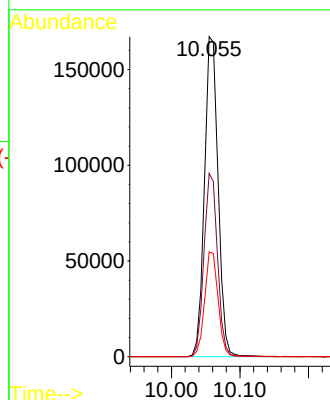
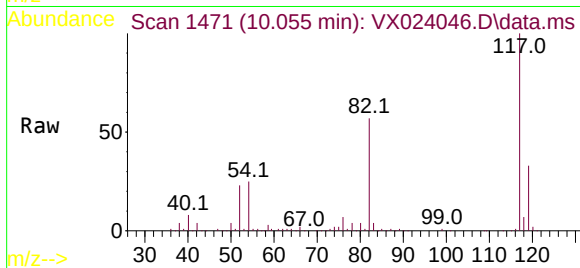




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

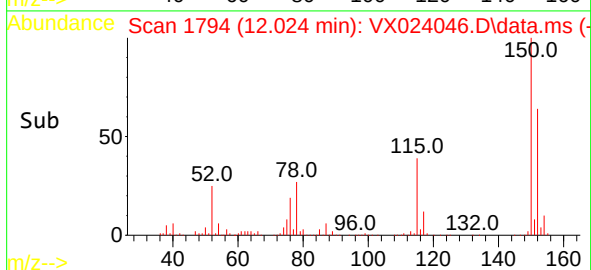
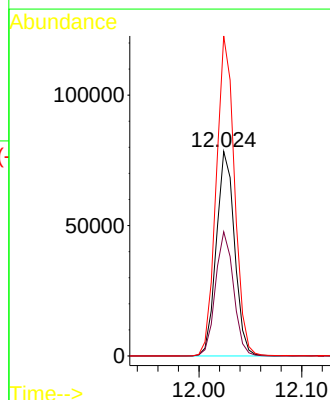
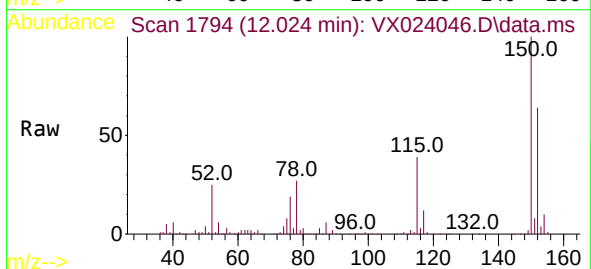
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

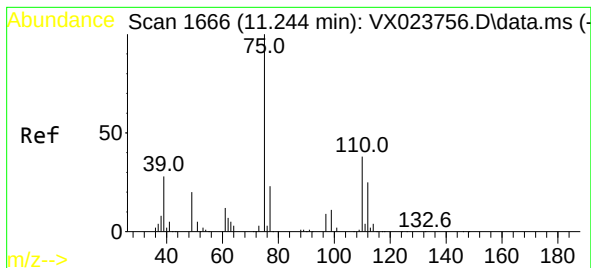
Tgt Ion:117 Resp: 232330
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion:152 Resp: 96331
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 157.0 0.0 349.0

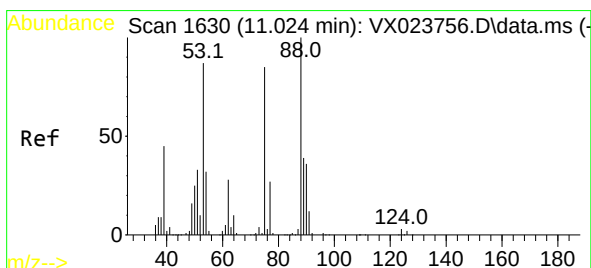
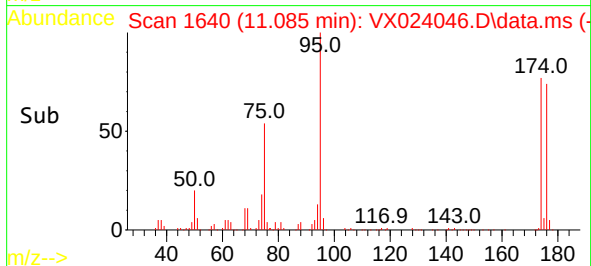
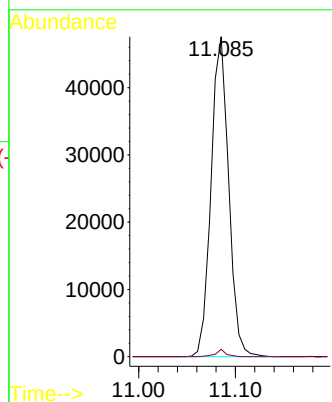
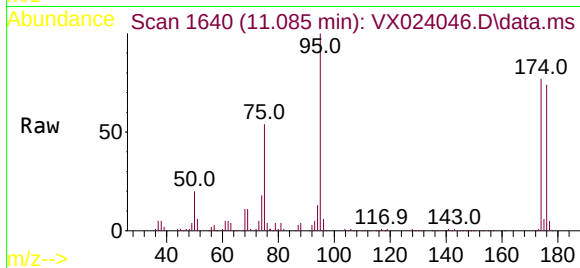




#76
1,2,3-Trichloropropane
Concen: 26.789 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210827

Tgt Ion: 75 Resp: 60200
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024046.D
Acq: 31 Aug 2021 16:00

Tgt Ion: 75 Resp: 60200
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

