

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043939.D
 Acq On : 21 Nov 2024 16:50
 Operator : JC/MD
 Sample : P4934-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20241119

Quant Time: Nov 22 04:01:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	112214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94994	49.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	5.379	113	68871	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	257979	50.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	83319	47.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.040%

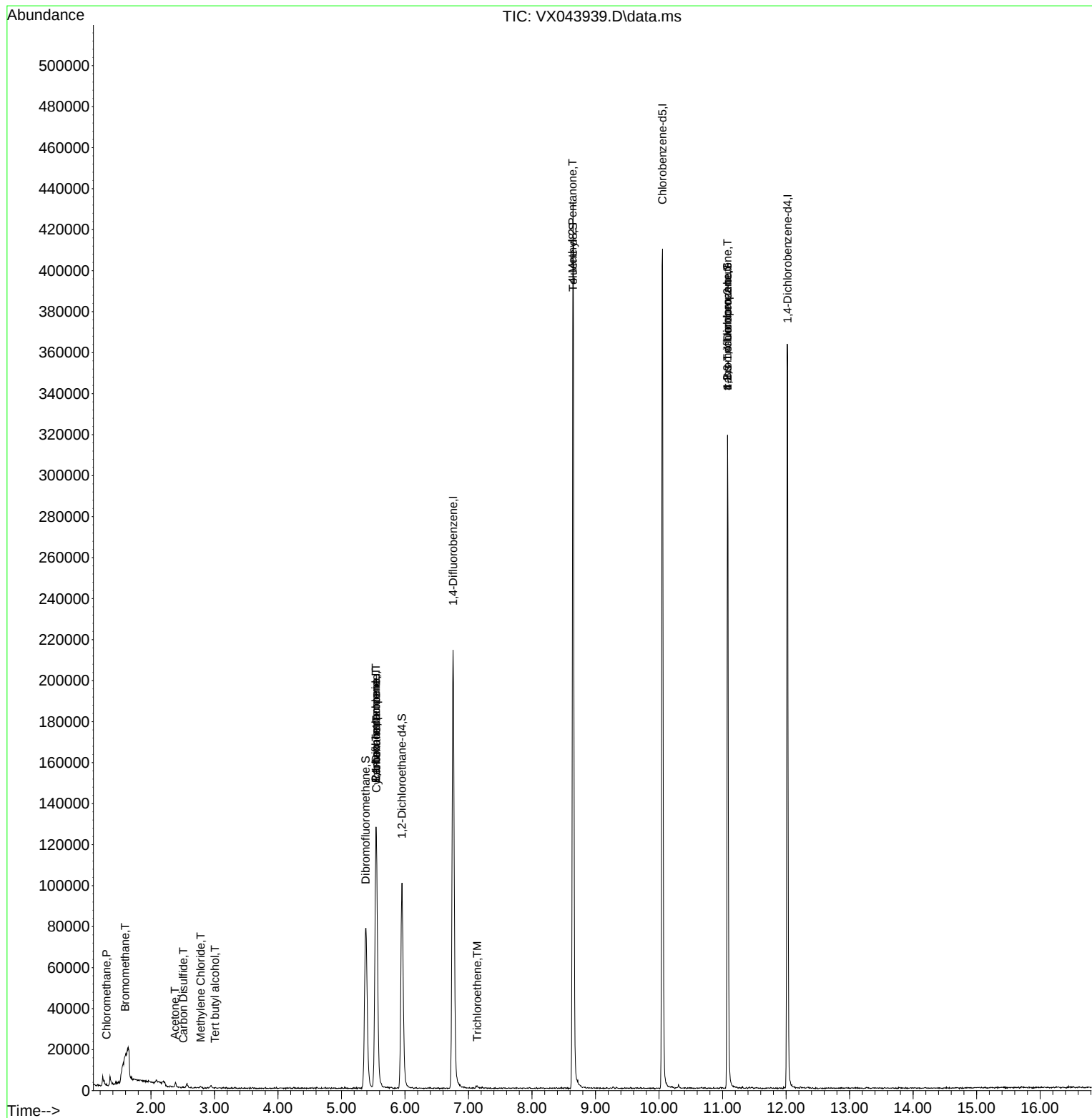
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	381	0.255	ug/l #	74
5) Bromomethane	1.593	94	284	0.290	ug/l	88
11) Tert butyl alcohol	3.007	59	105	0.340	ug/l #	73
16) Acetone	2.379	43	2060	2.330	ug/l	93
17) Carbon Disulfide	2.507	76	536	0.201	ug/l #	76
20) Methylene Chloride	2.782	84	367	0.245	ug/l #	66
31) Cyclohexane	5.550	56	3020	1.408	ug/l #	23
36) 1,1-Dichloropropene	5.543	75	10183	5.467	ug/l #	49
38) Carbon Tetrachloride	5.543	117	12723	6.079	ug/l #	16
44) Trichloroethene	7.135	130	400	0.244	ug/l	69
51) 4-Methyl-2-Pentanone	8.640	43	1308	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47427	29.519	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	47427	80.550	ug/l #	7

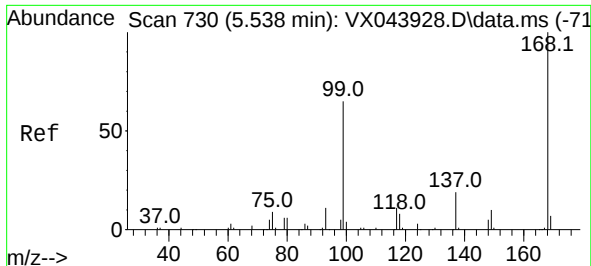
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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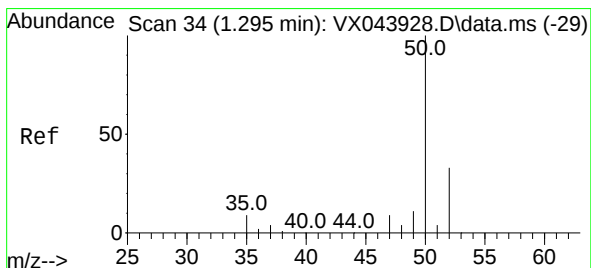
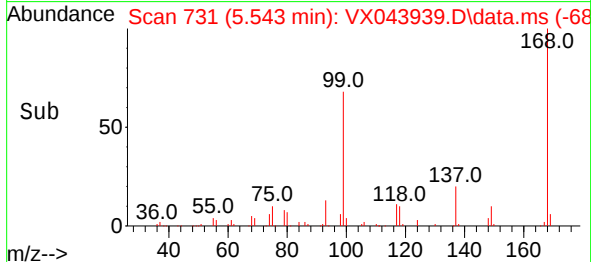
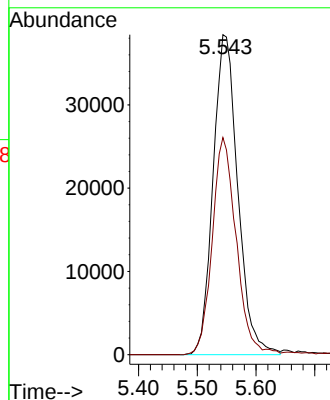
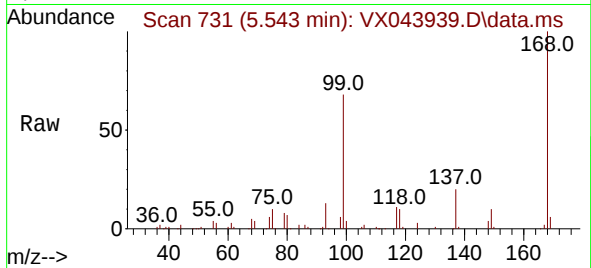




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

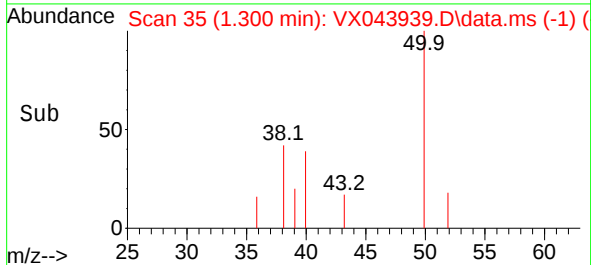
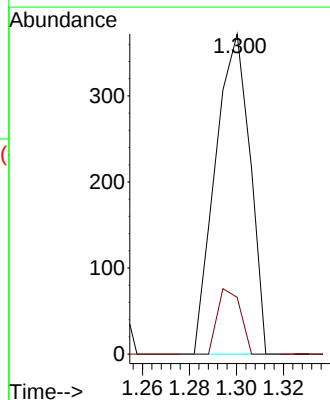
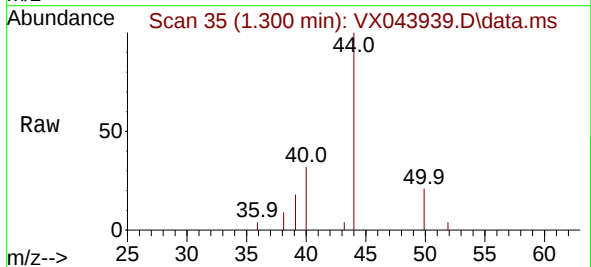
Instrument :
MSVOA_X
ClientSampleId :
FB01-20241119

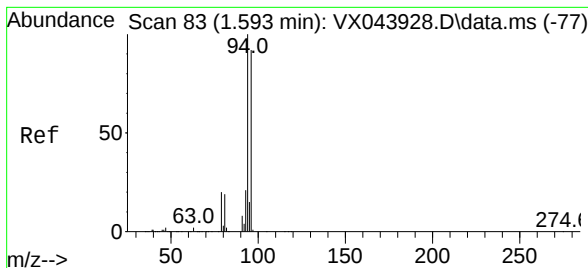
Tgt Ion:168 Resp: 112214
Ion Ratio Lower Upper
168 100
99 67.9 51.8 77.8



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 17.7 26.1 39.1#





#5

Bromomethane

Concen: 0.290 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX043939.D

Acq: 21 Nov 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

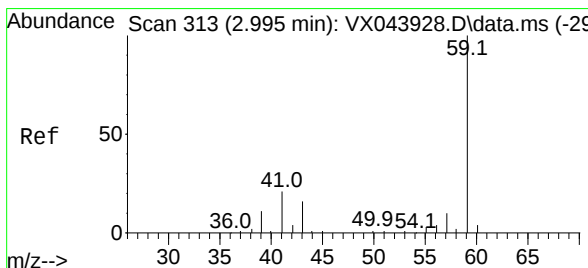
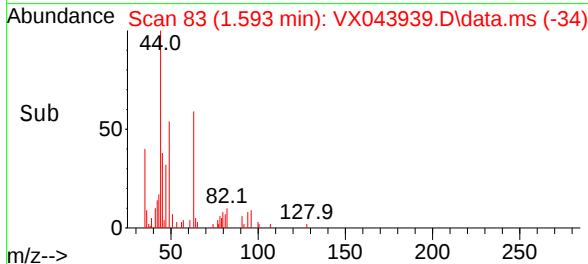
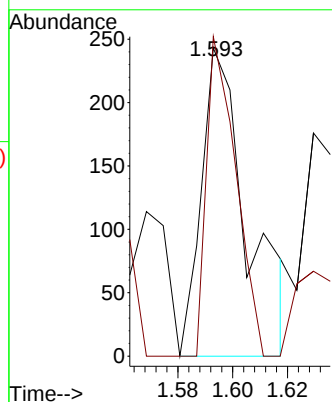
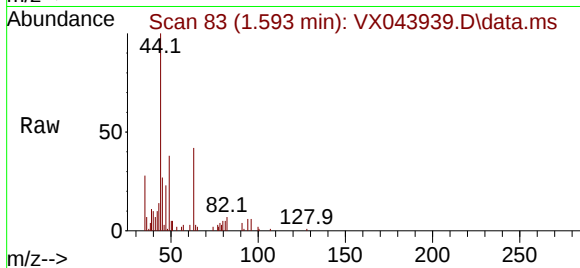
FB01-20241119

Tgt Ion: 94 Resp: 284

Ion Ratio Lower Upper

94 100

96 103.7 73.9 110.9



#11

Tert butyl alcohol

Concen: 0.340 ug/l

RT: 3.007 min Scan# 315

Delta R.T. 0.012 min

Lab File: VX043939.D

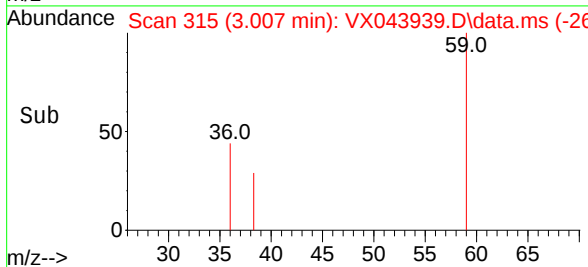
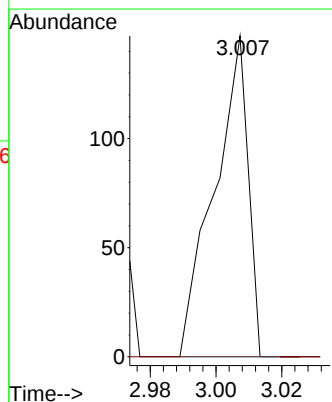
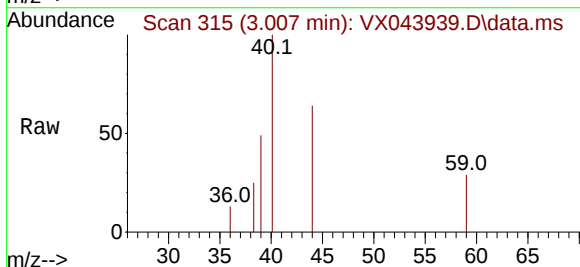
Acq: 21 Nov 2024 16:50

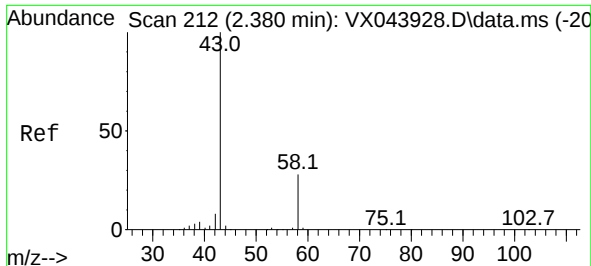
Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

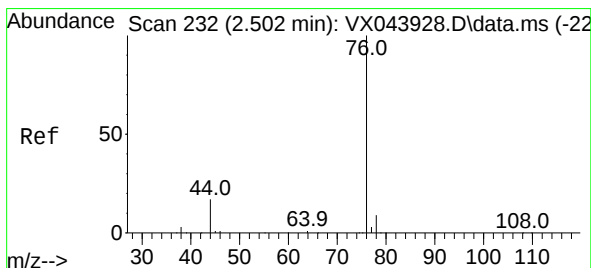
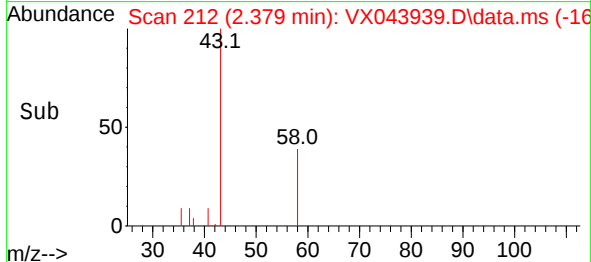
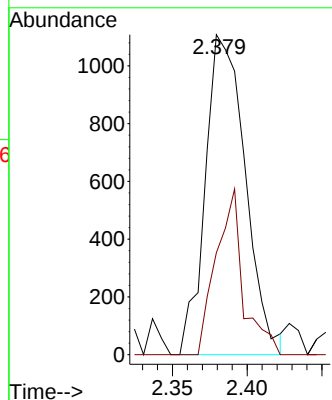
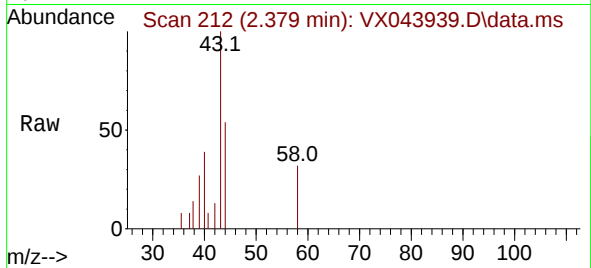




#16
Acetone
Concen: 2.330 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

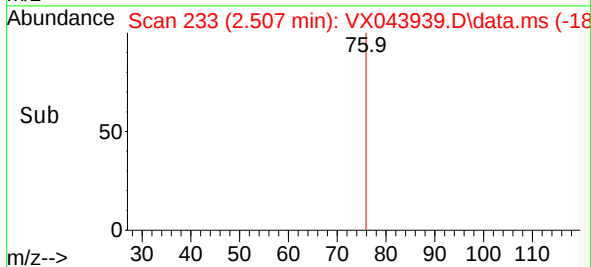
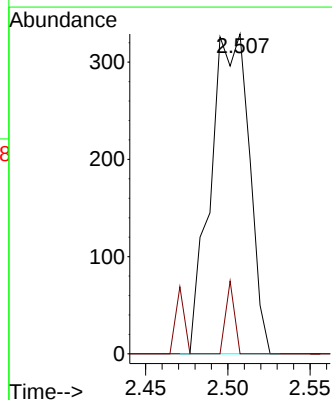
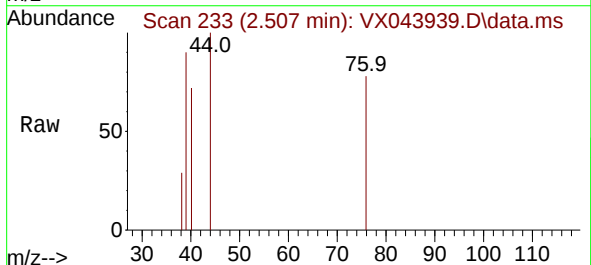
Instrument :
MSVOA_X
ClientSampleId :
FB01-20241119

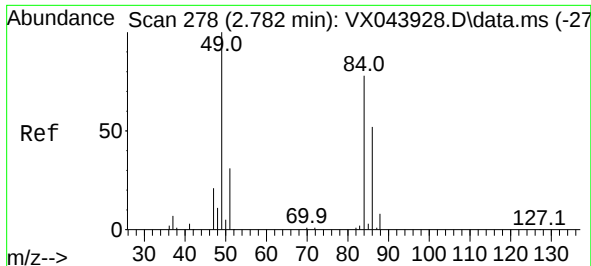
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1



#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Tgt Ion: 76 Resp: 536
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.245 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043939.D

Acq: 21 Nov 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

FB01-20241119

Tgt Ion: 84 Resp: 367

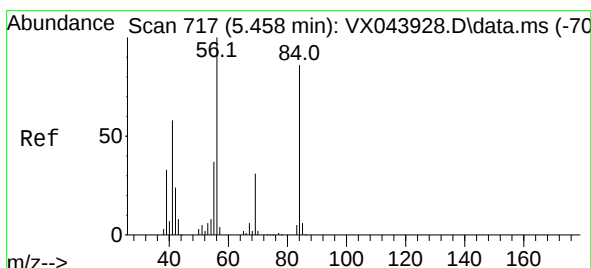
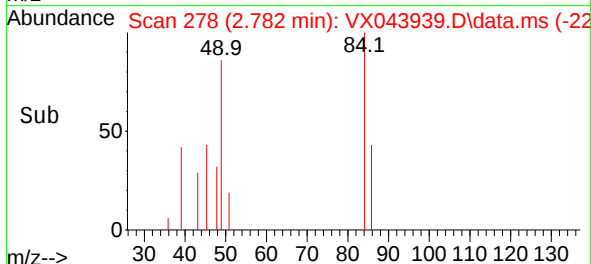
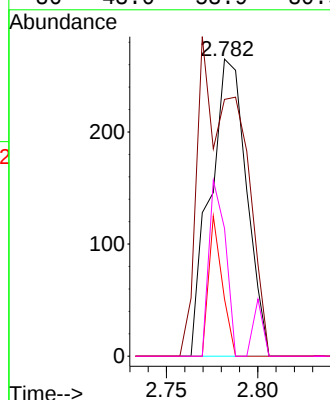
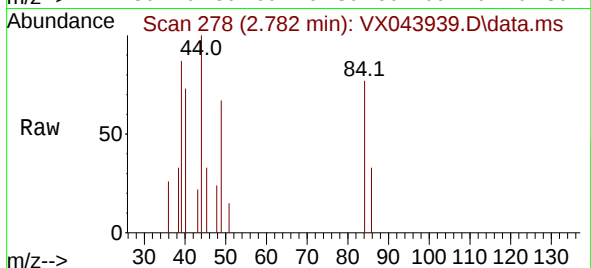
Ion Ratio Lower Upper

84 100

49 86.4 102.7 154.1#

51 19.2 31.7 47.5#

86 43.0 53.9 80.9#



#31

Cyclohexane

Concen: 1.408 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.091 min

Lab File: VX043939.D

Acq: 21 Nov 2024 16:50

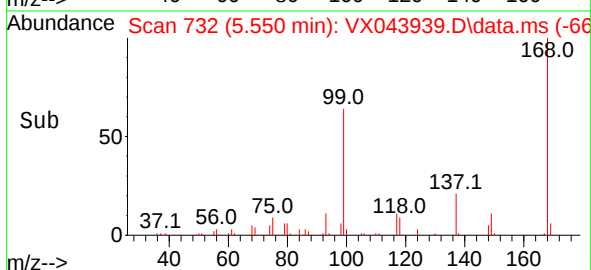
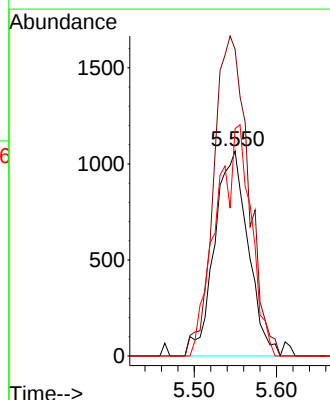
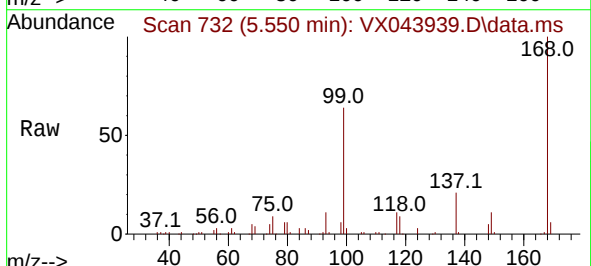
Tgt Ion: 56 Resp: 3020

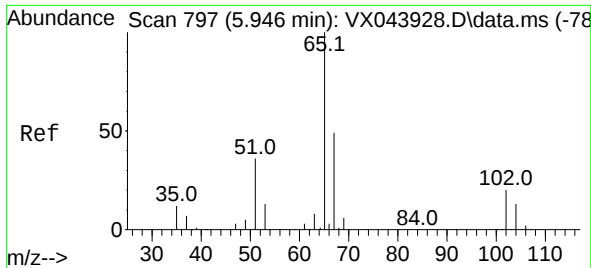
Ion Ratio Lower Upper

56 100

69 149.8 24.7 37.1#

84 111.1 68.7 103.1#

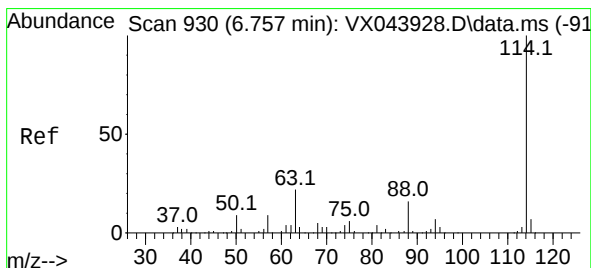
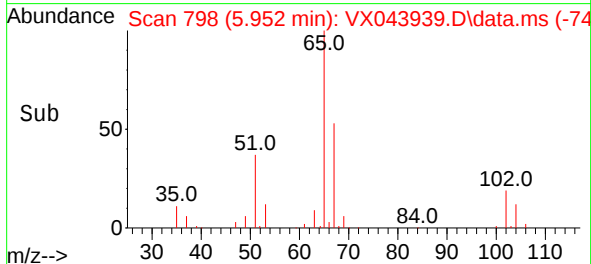
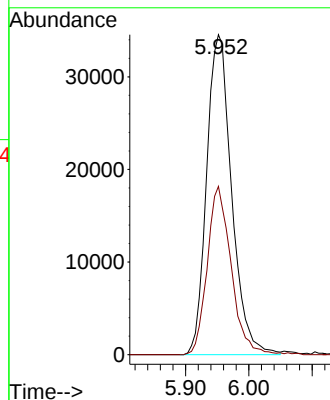
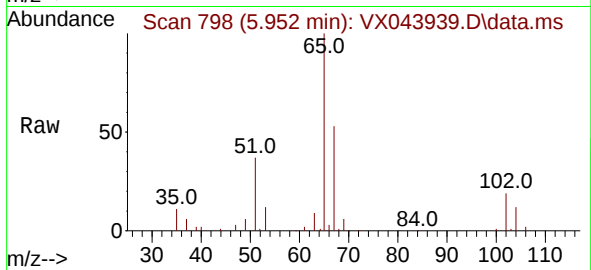




#33
1,2-Dichloroethane-d4
Concen: 49.356 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

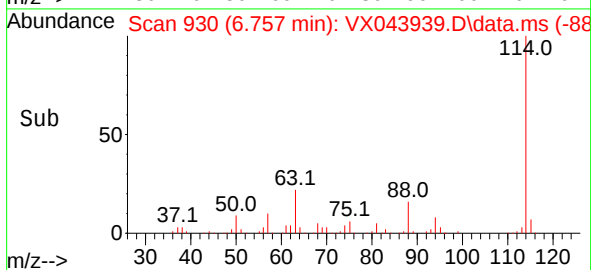
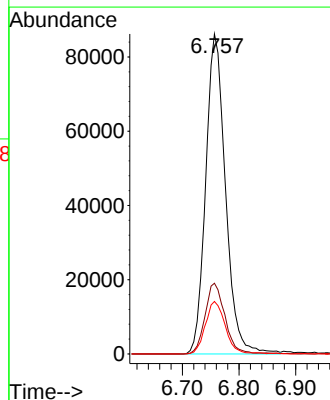
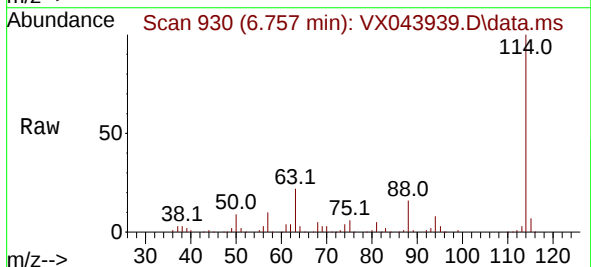
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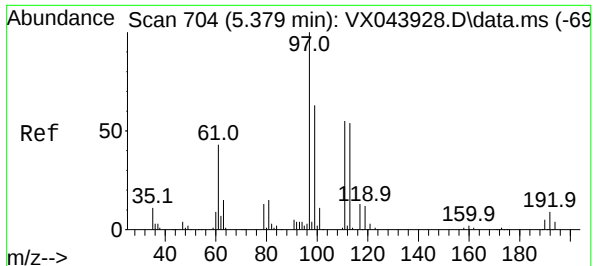
Tgt Ion: 65 Resp: 94994
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Tgt Ion:114 Resp: 209177
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.078 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043939.D

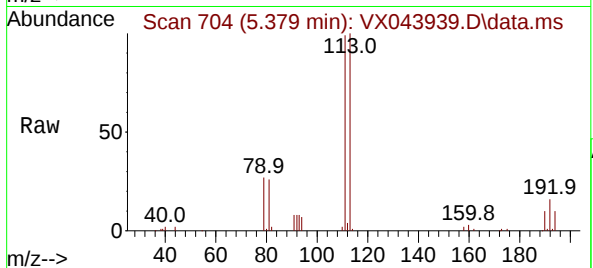
Acq: 21 Nov 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

FB01-20241119



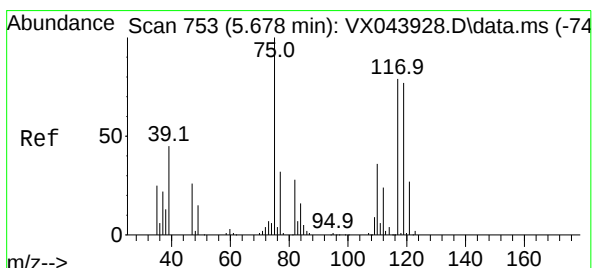
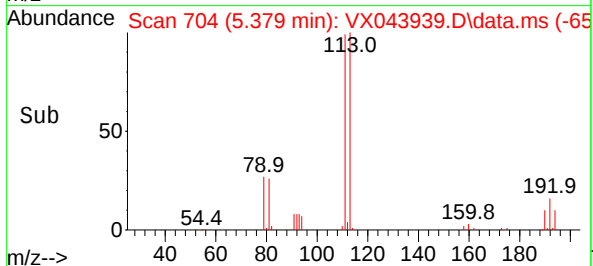
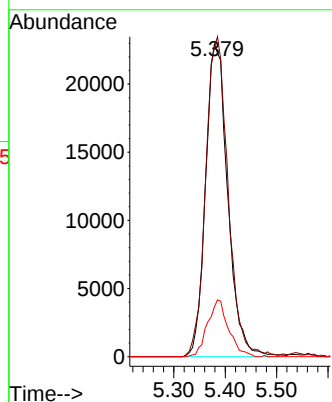
Tgt Ion:113 Resp: 68871

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

192 17.2 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.467 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.135 min

Lab File: VX043939.D

Acq: 21 Nov 2024 16:50

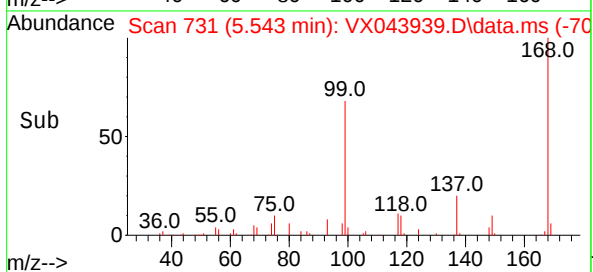
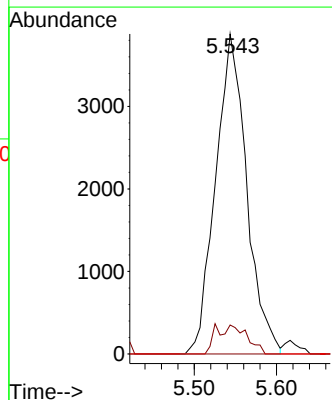
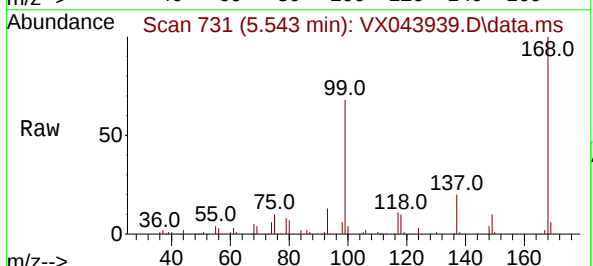
Tgt Ion: 75 Resp: 10183

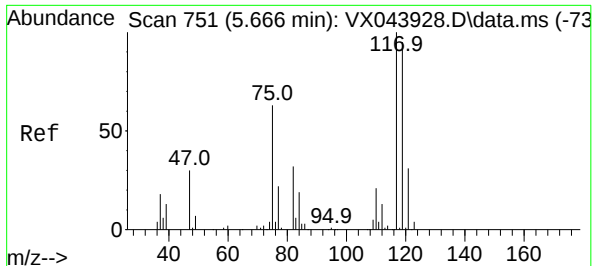
Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX043939.D

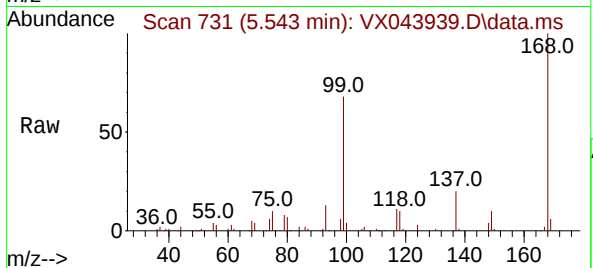
Acq: 21 Nov 2024 16:50

Instrument :

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FB01-20241119



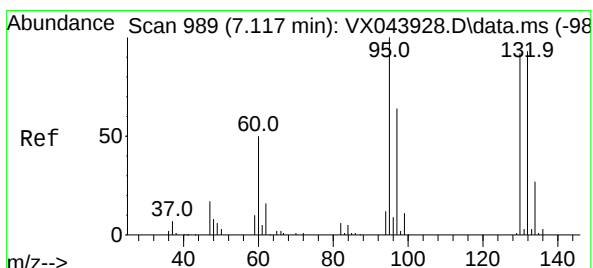
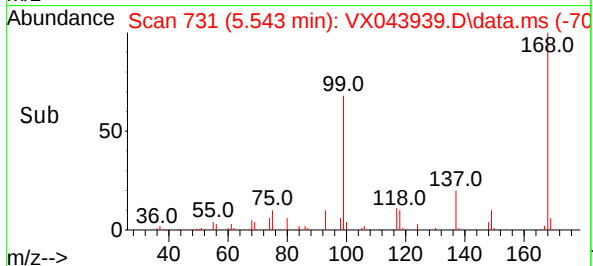
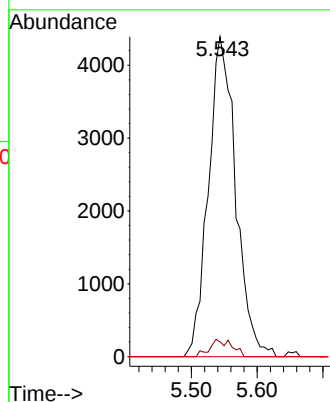
Tgt Ion:117 Resp: 12723

Ion Ratio Lower Upper

117 100

119 4.6 75.2 112.8#

121 0.0 24.5 36.7#



#44

Trichloroethene

Concen: 0.244 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX043939.D

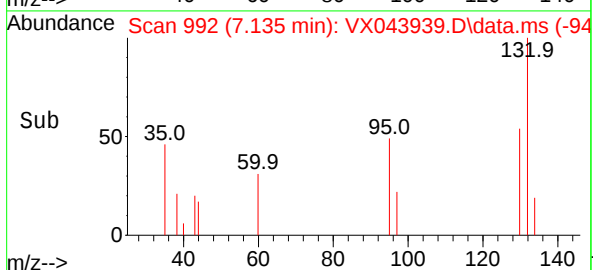
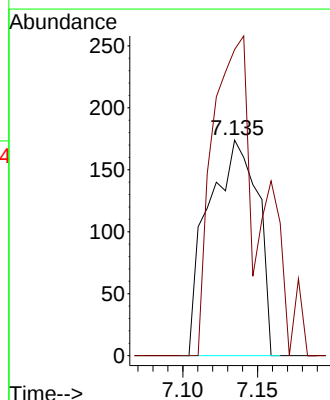
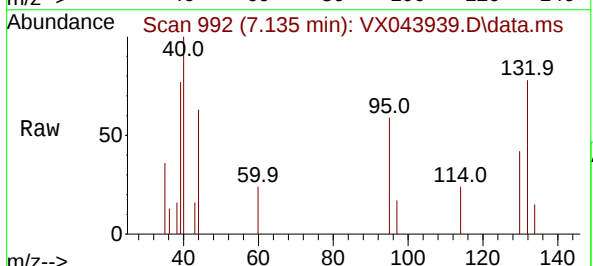
Acq: 21 Nov 2024 16:50

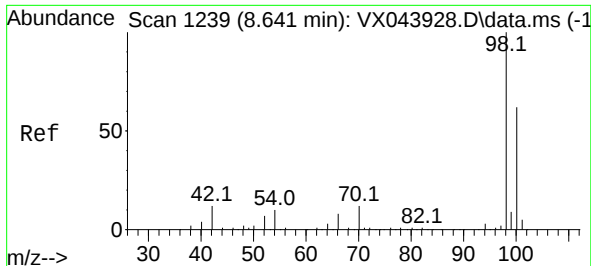
Tgt Ion:130 Resp: 400

Ion Ratio Lower Upper

130 100

95 142.0 0.0 217.8





#50

Toluene-d8

Concen: 50.071 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043939.D

Acq: 21 Nov 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

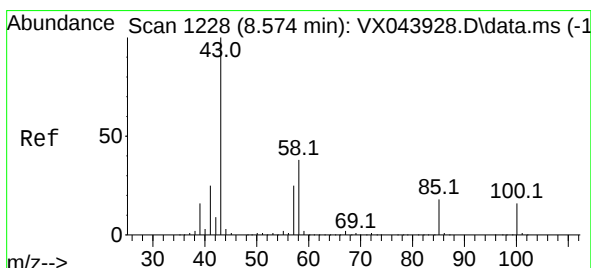
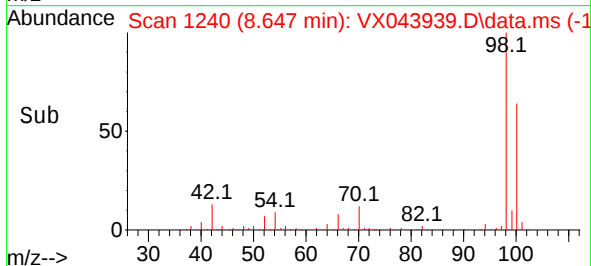
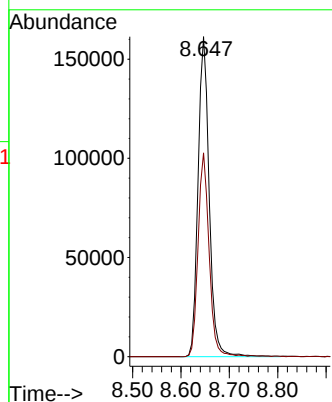
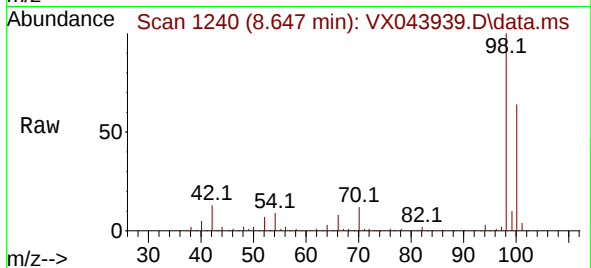
FB01-20241119

Tgt Ion: 98 Resp: 257979

Ion Ratio Lower Upper

98 100

100 62.8 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.583 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX043939.D

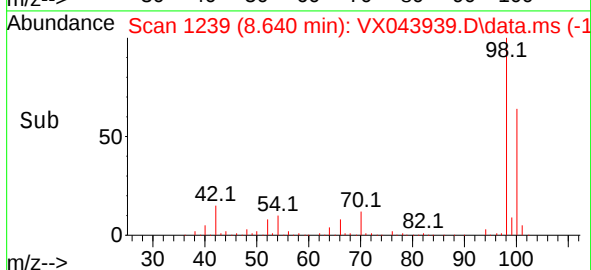
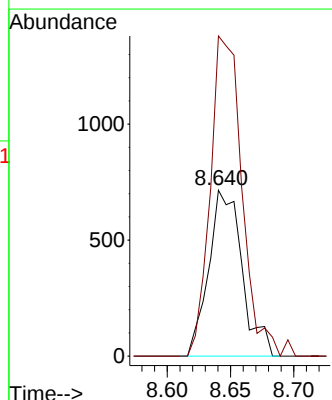
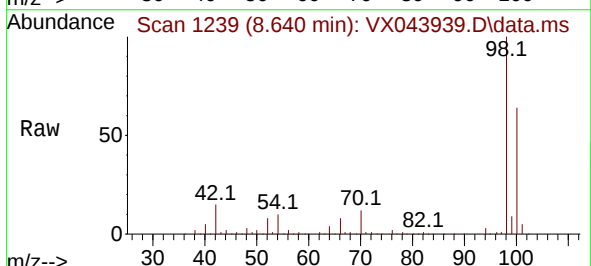
Acq: 21 Nov 2024 16:50

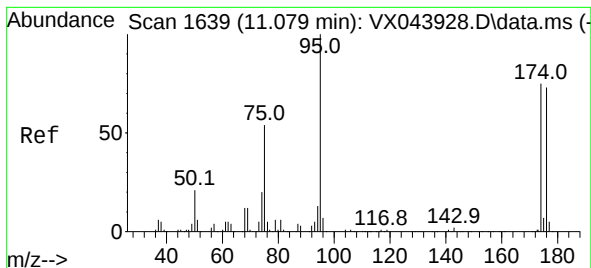
Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

58 185.2 30.0 45.0#

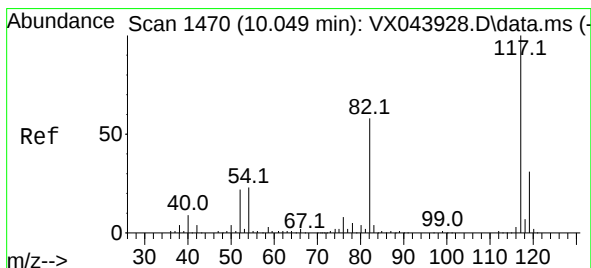
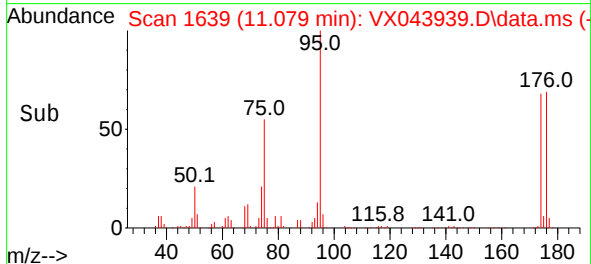
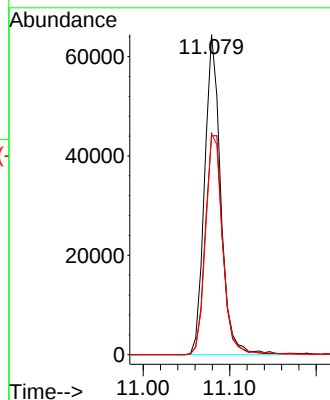
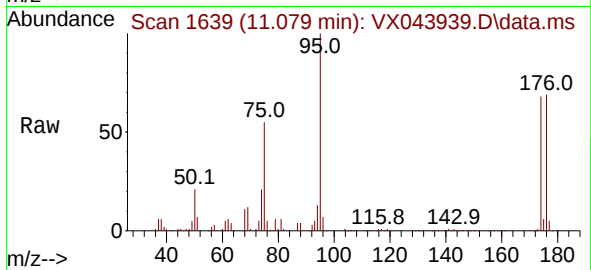




#62
4-Bromofluorobenzene
Concen: 47.517 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

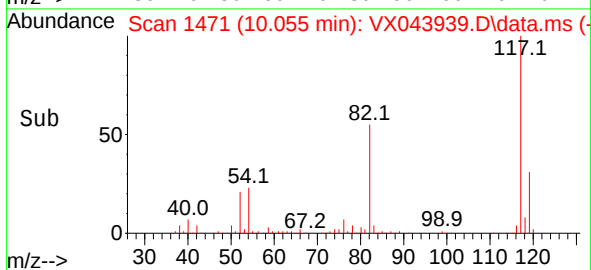
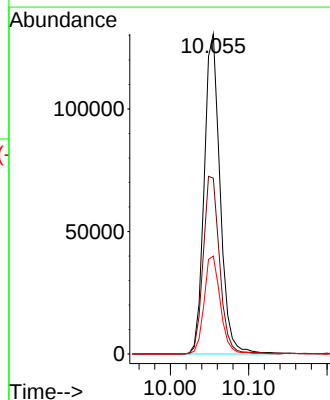
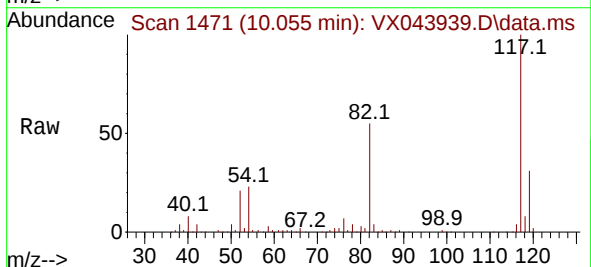
Instrument :
MSVOA_X
ClientSampleId :
FB01-20241119

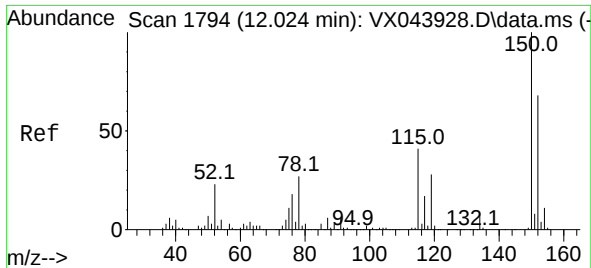
Tgt Ion: 95 Resp: 83319
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 73.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

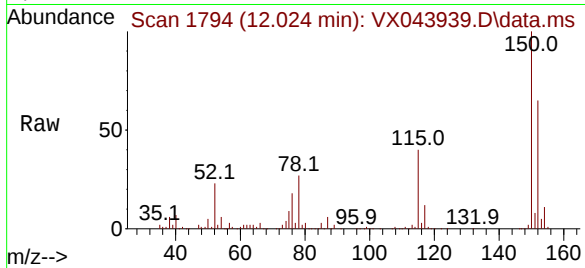
Tgt Ion: 117 Resp: 184189
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 30.6 24.6 37.0



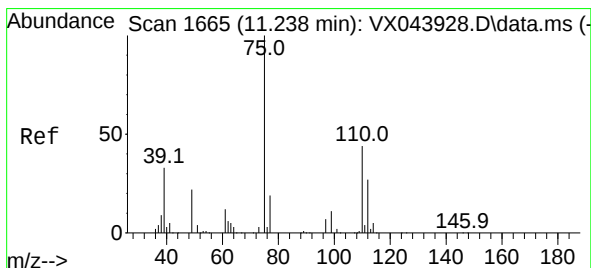
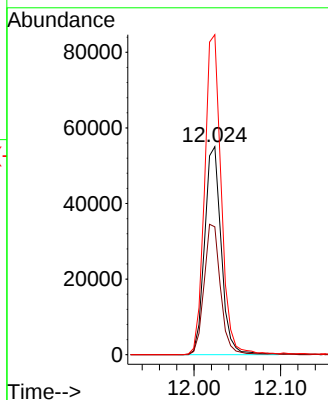
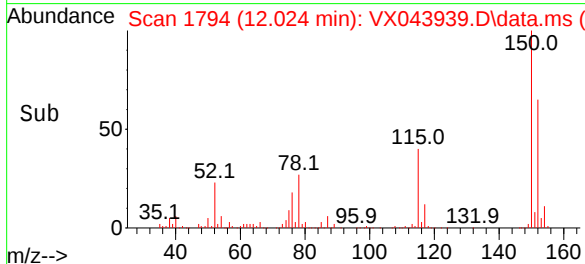


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :
FB01-20241119

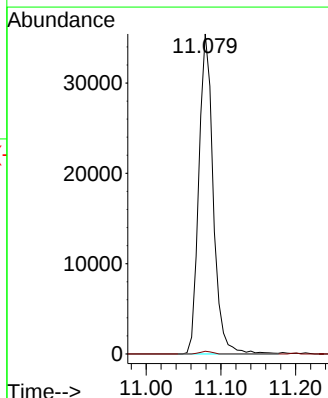
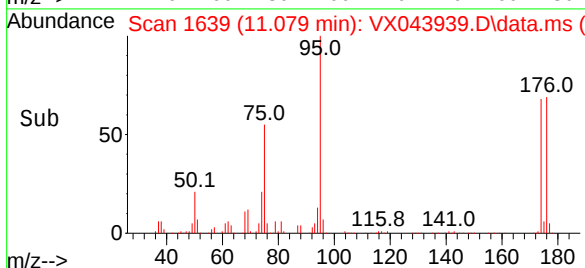
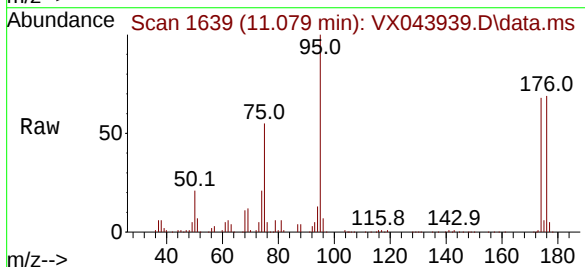


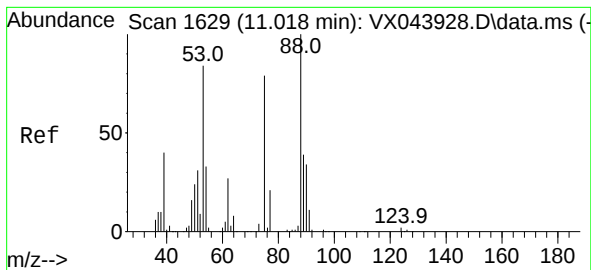
Tgt Ion:152 Resp: 73264
Ion Ratio Lower Upper
152 100
115 62.3 45.4 136.2
150 154.1 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 29.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Tgt Ion: 75 Resp: 47427
Ion Ratio Lower Upper
75 100
77 0.7 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.550 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043939.D
Acq: 21 Nov 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :
FB01-20241119

Tgt Ion: 75 Resp: 47427
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

