

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040081.D
 Acq On : 02 Feb 2024 12:58
 Operator : JC/MD
 Sample : P1342-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20240131

Quant Time: Feb 03 02:14:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

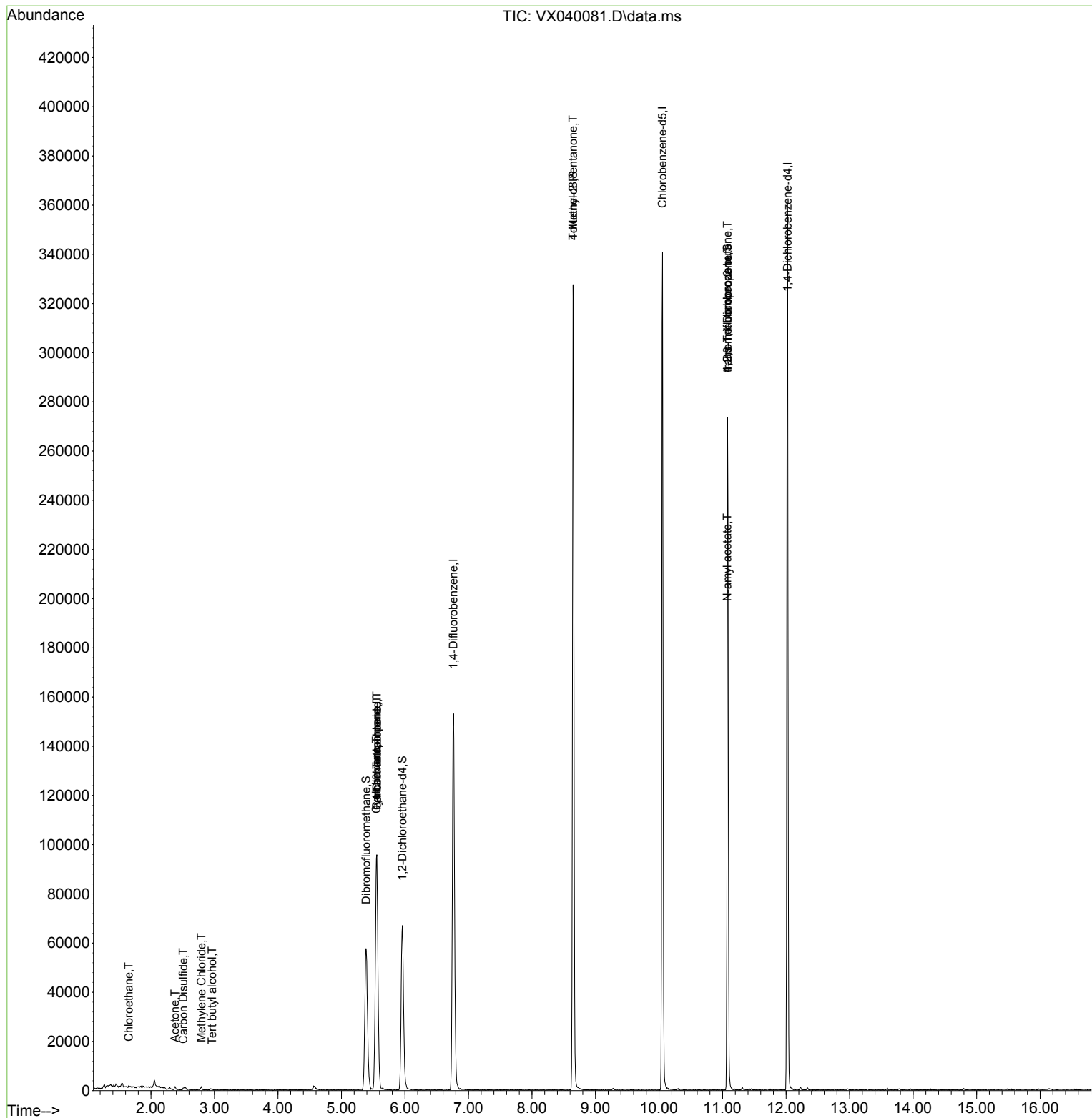
Internal Standards						
1) Pentafluorobenzene	5.556	168	84923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63287	46.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	51118	48.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.647	98	189986	48.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	71180	47.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.340%
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	292	0.527	ug/l #	43
11) Tert butyl alcohol	2.965	59	264	1.065	ug/l #	78
16) Acetone	2.379	43	1210	1.890	ug/l #	88
17) Carbon Disulfide	2.507	76	760	0.272	ug/l #	76
20) Methylene Chloride	2.794	84	513	0.451	ug/l #	88
31) Cyclohexane	5.550	56	2167	1.266	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	7986	5.270	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9429	6.502	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	947	0.532	ug/l #	1
74) N-amyl acetate	11.073	43	22	0.208	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39281	26.096	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39281	76.622	ug/l #	5

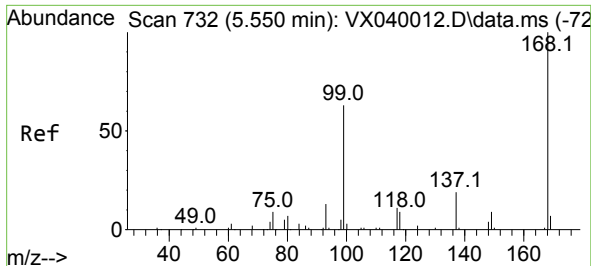
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
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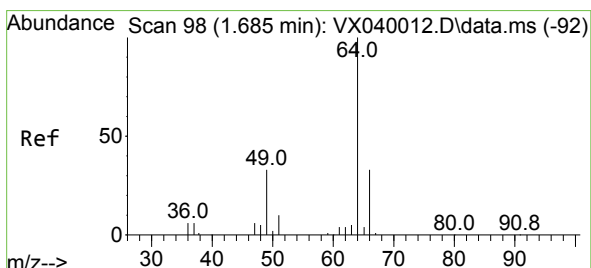
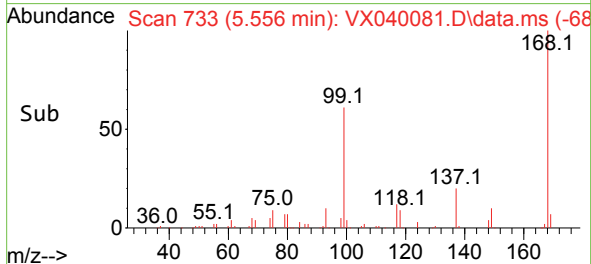
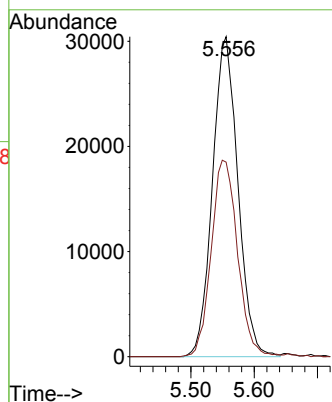
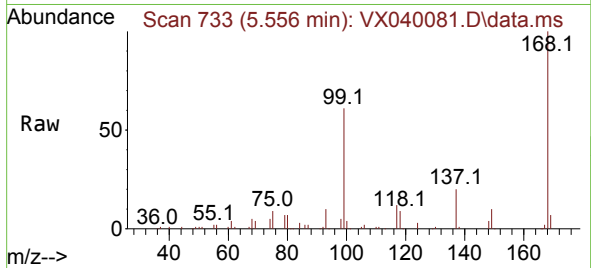




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

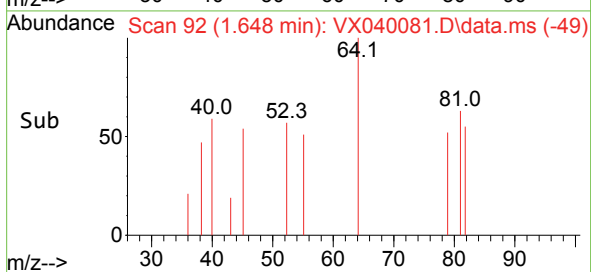
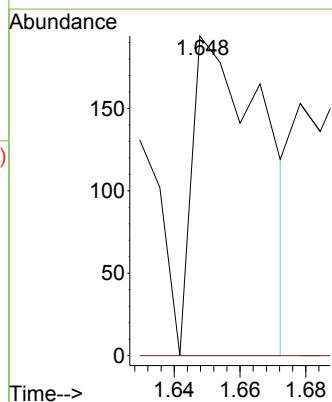
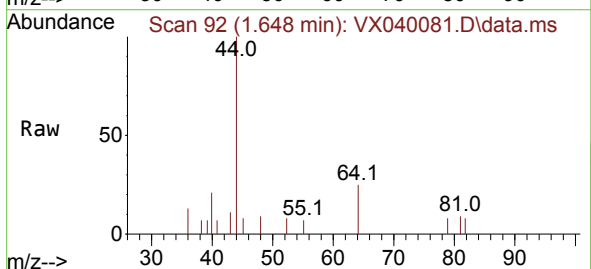
Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

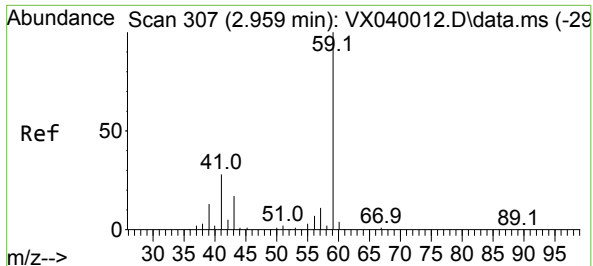
Tgt Ion:168 Resp: 84923
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#6
Chloroethane
Concen: 0.527 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.037 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

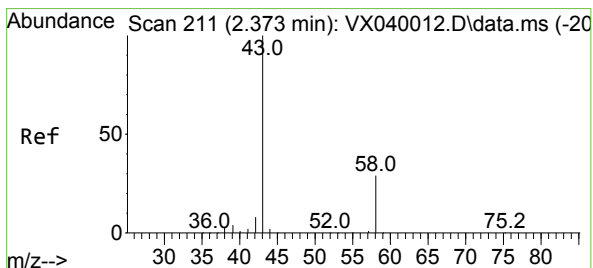
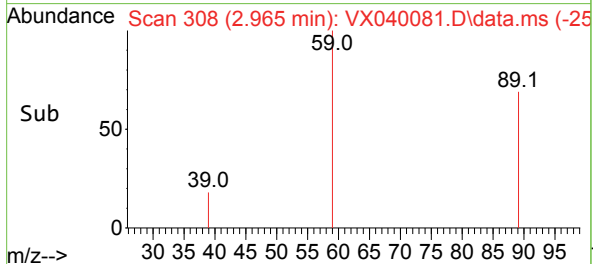
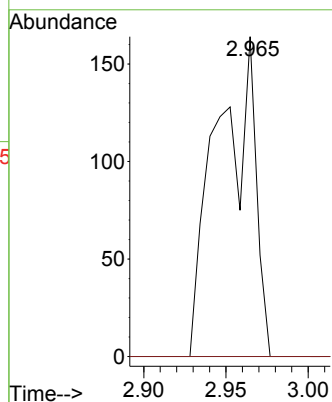
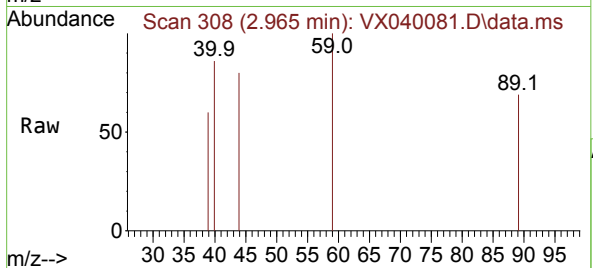




#11
Tert butyl alcohol
Concen: 1.065 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

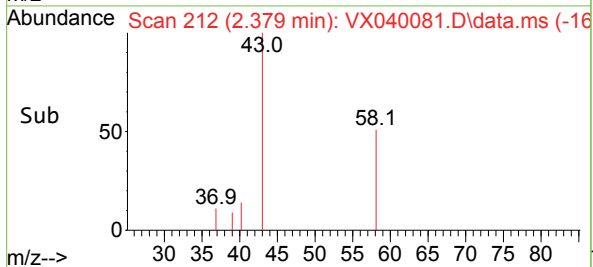
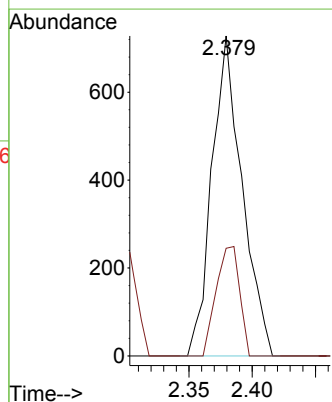
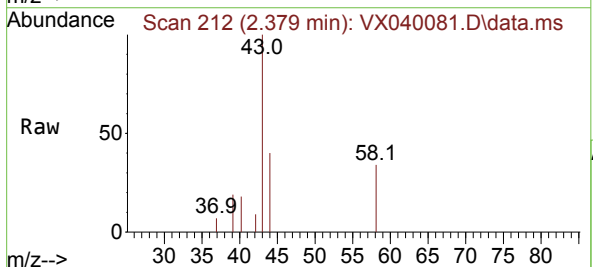
Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

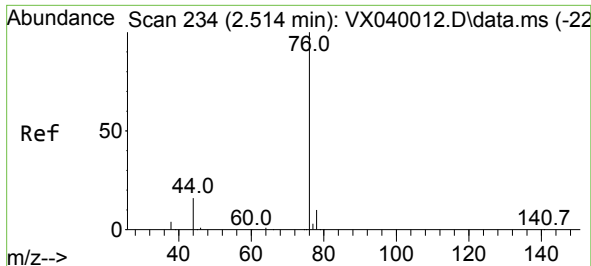
Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.890 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.272 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040081.D

Acq: 02 Feb 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

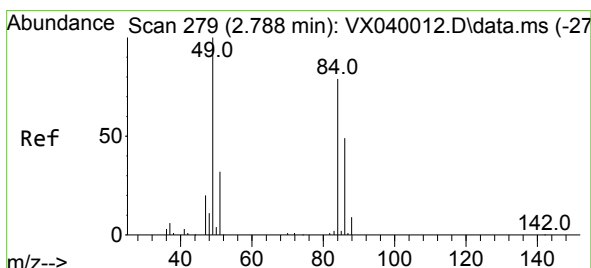
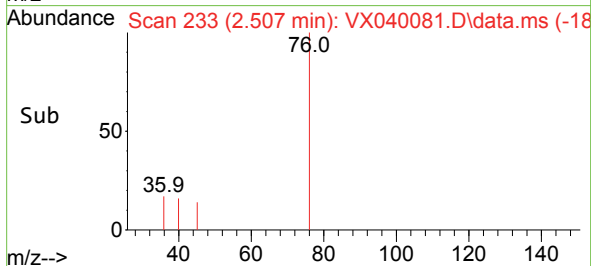
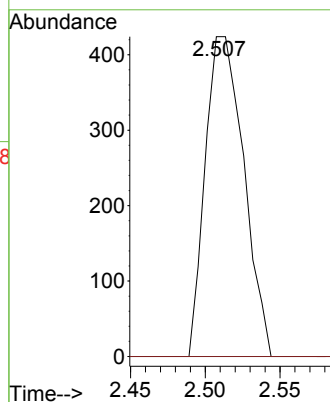
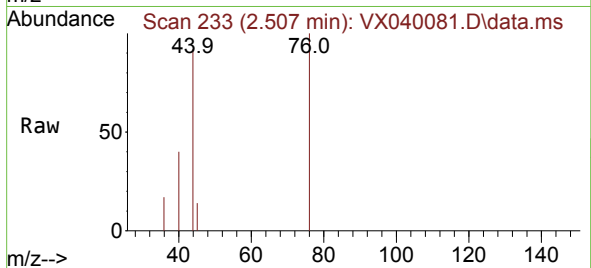
FB-20240131

Tgt Ion: 76 Resp: 760

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.451 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040081.D

Acq: 02 Feb 2024 12:58

Tgt Ion: 84 Resp: 513

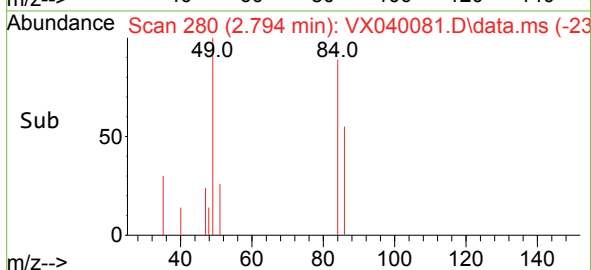
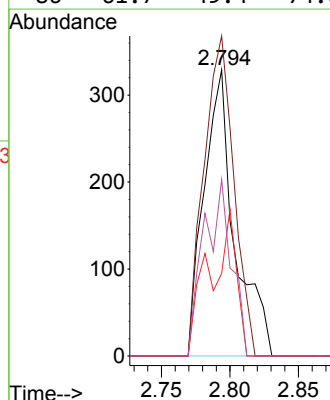
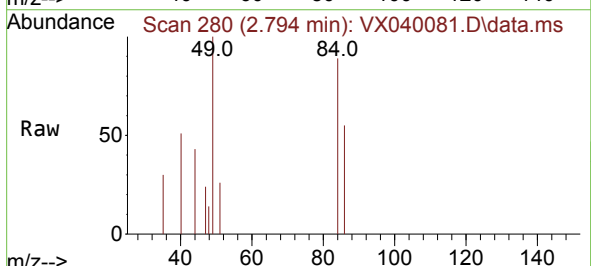
Ion Ratio Lower Upper

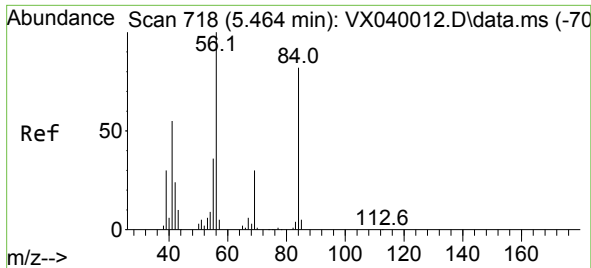
84 100

49 111.9 103.6 155.4

51 28.9 33.8 50.6#

86 61.7 49.4 74.0

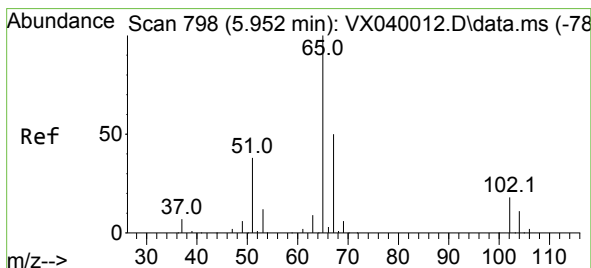
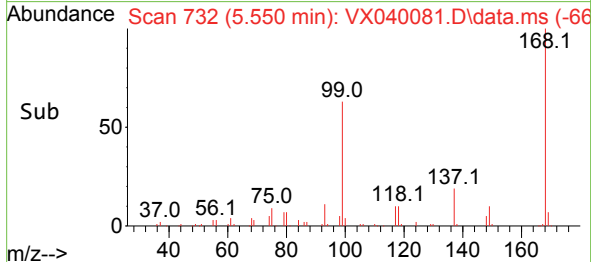
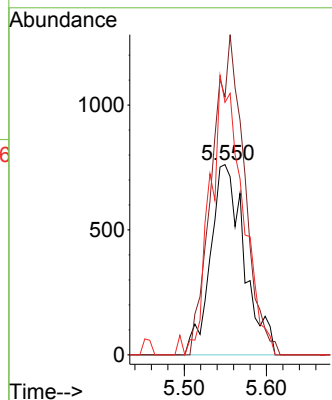
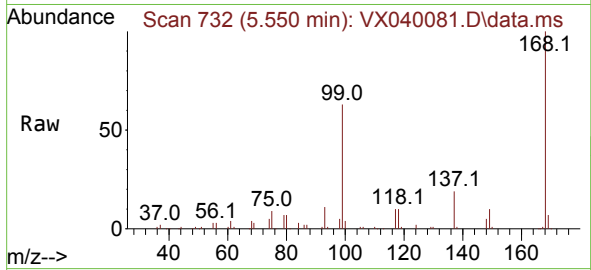




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

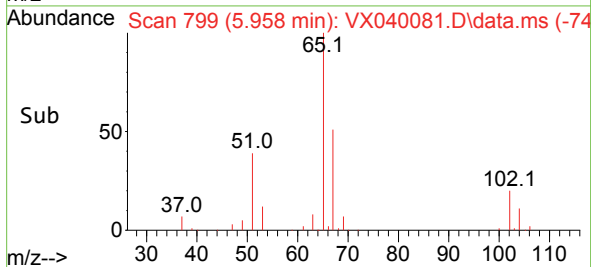
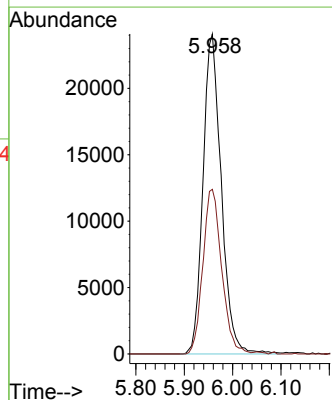
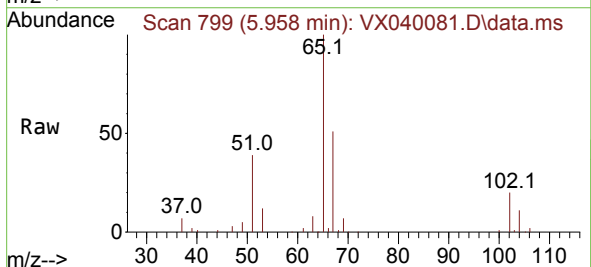
Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

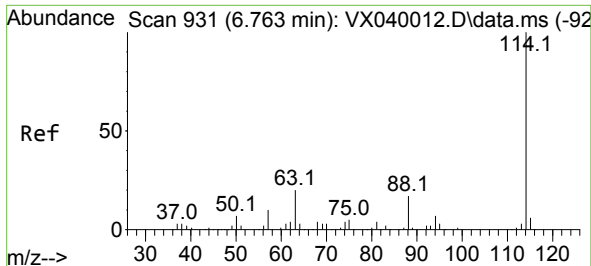
Tgt Ion: 56 Resp: 2167
Ion Ratio Lower Upper
56 100
69 135.4 23.4 35.2#
84 132.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 65 Resp: 63287
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX040081.D

Acq: 02 Feb 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

FB-20240131

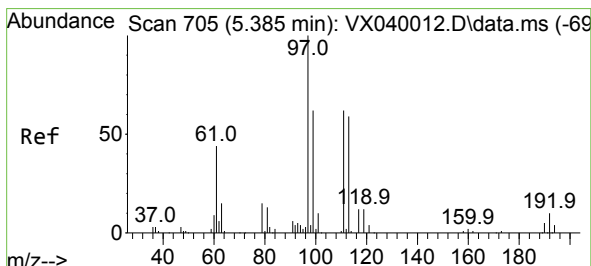
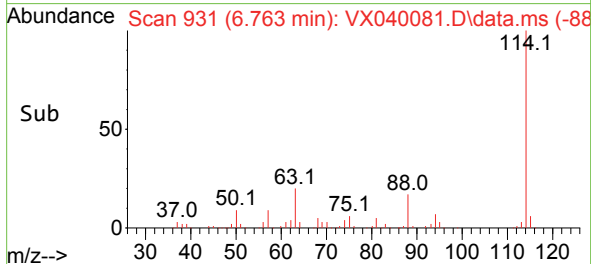
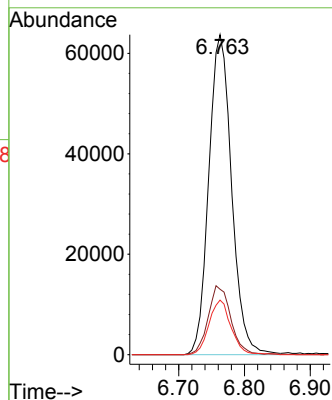
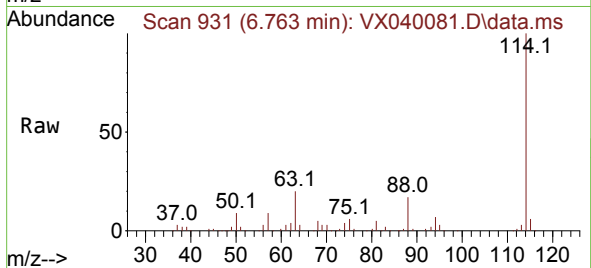
Tgt Ion:114 Resp: 153935

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 17.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 48.782 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040081.D

Acq: 02 Feb 2024 12:58

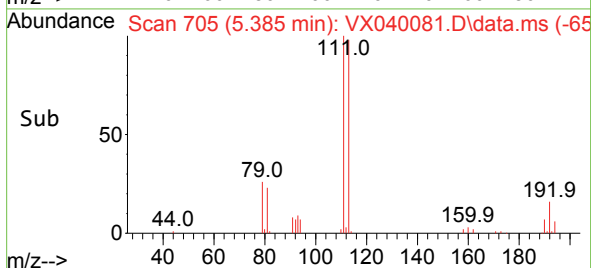
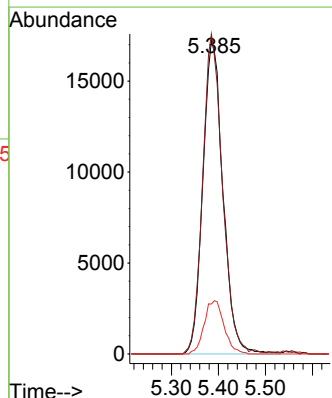
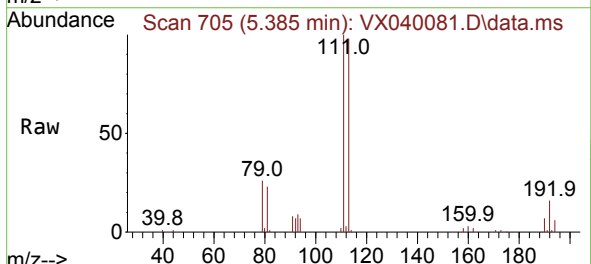
Tgt Ion:113 Resp: 51118

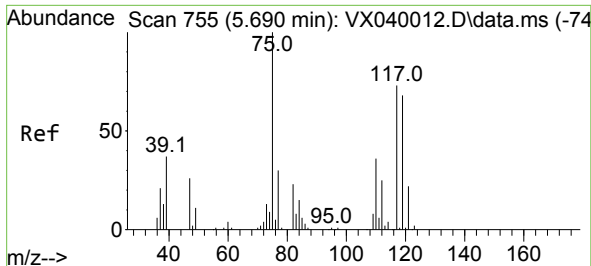
Ion Ratio Lower Upper

113 100

111 100.3 82.9 124.3

192 16.8 13.3 19.9

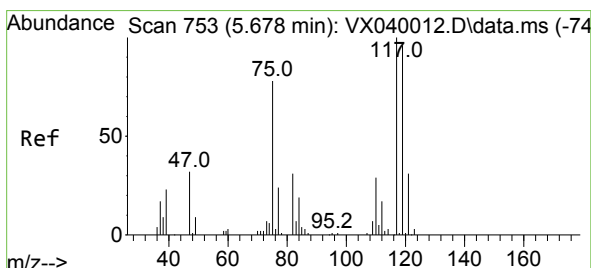
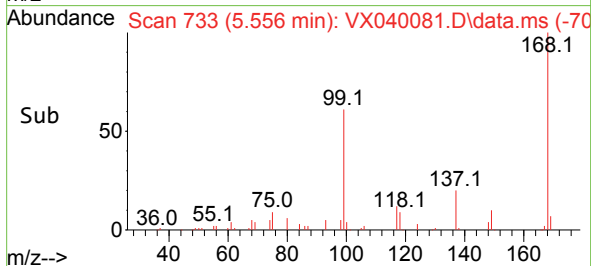
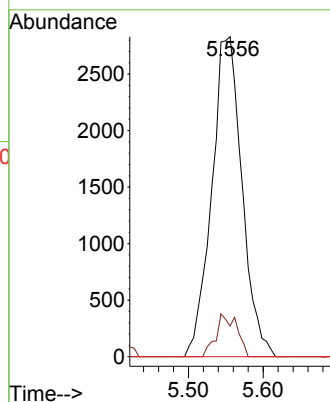
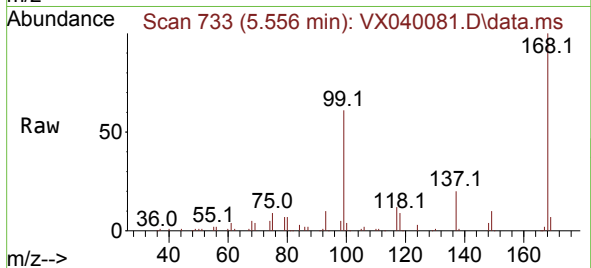




#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

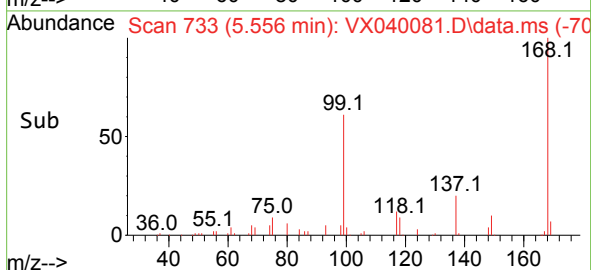
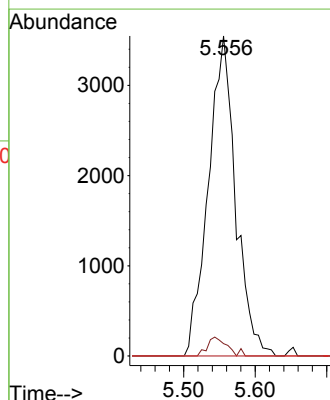
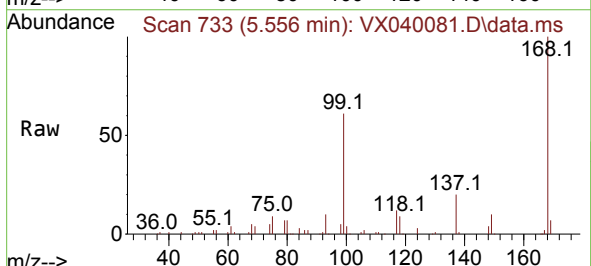
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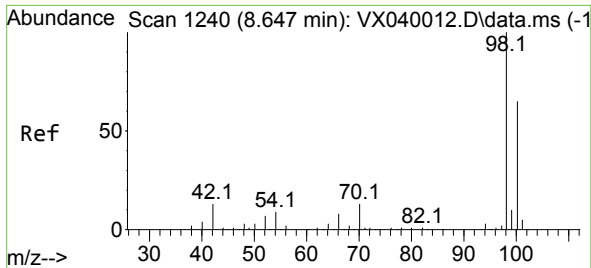
Tgt Ion: 75 Resp: 7986
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 117 Resp: 9429
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

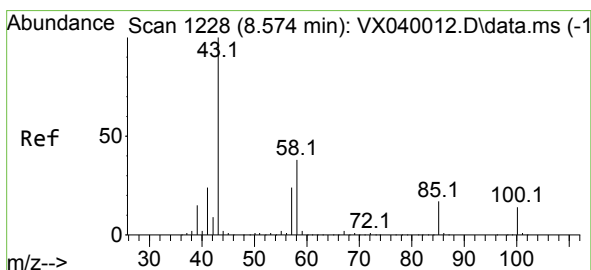
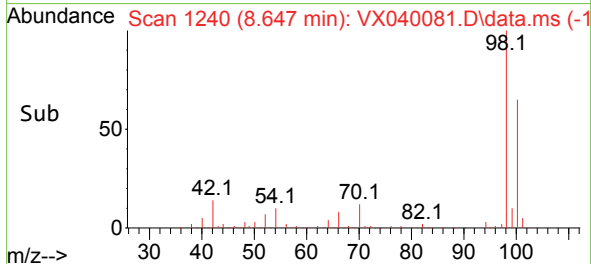
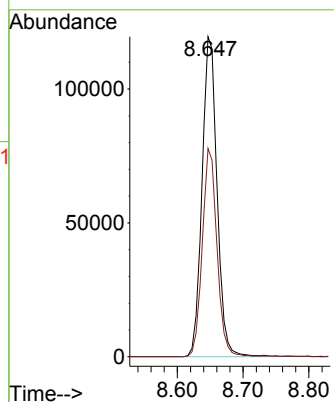
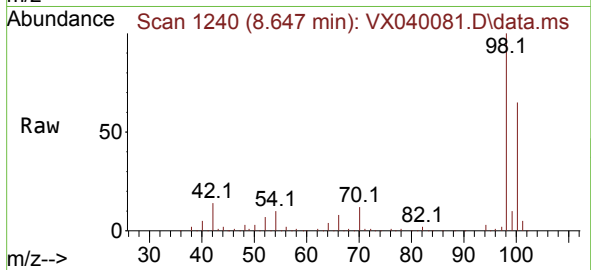




#50
Toluene-d8
Concen: 48.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

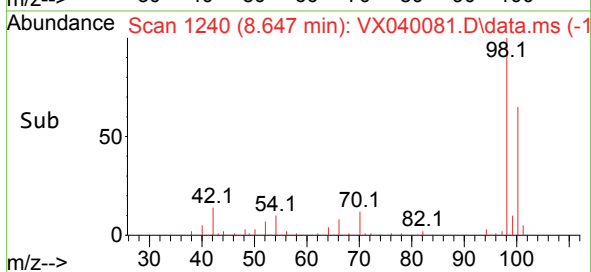
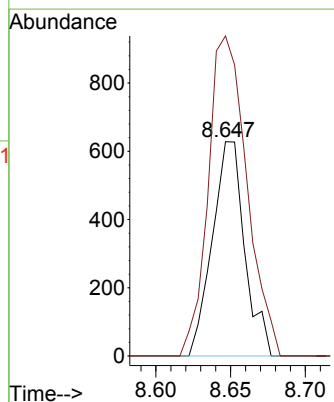
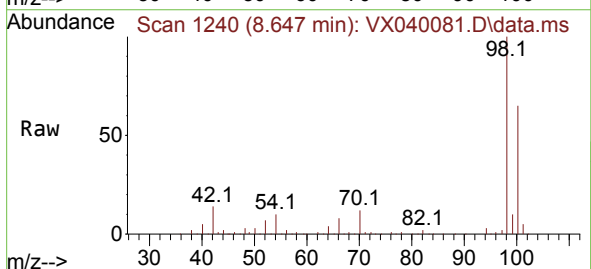
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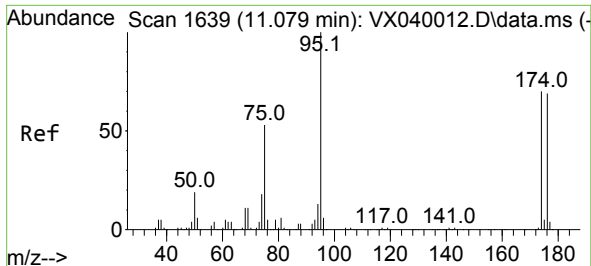
Tgt Ion: 98 Resp: 189986
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 178.1 30.4 45.6#

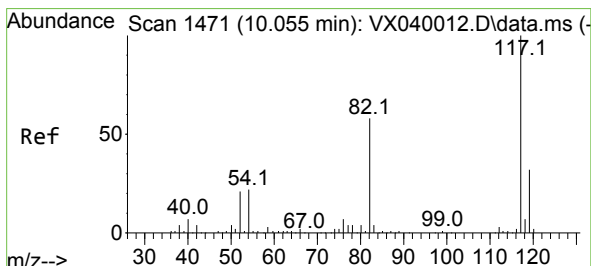
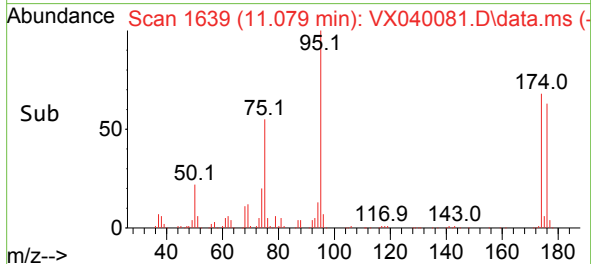
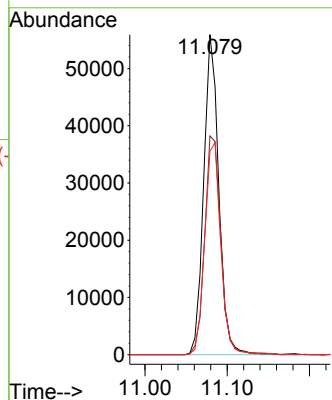
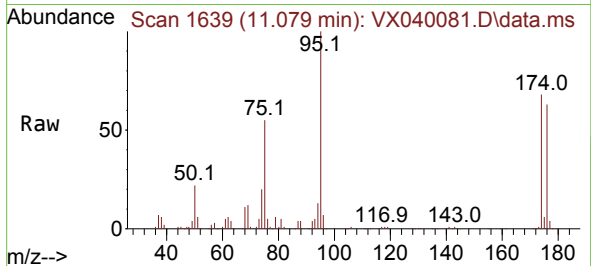




#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

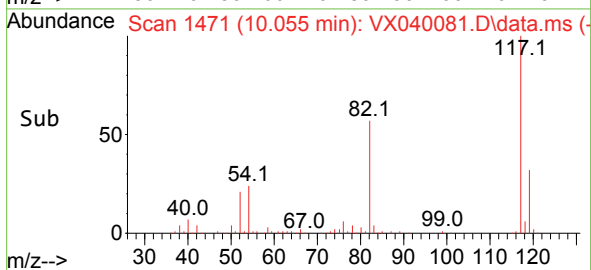
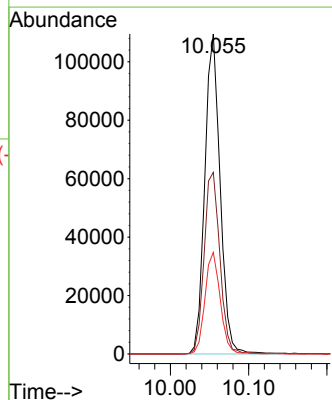
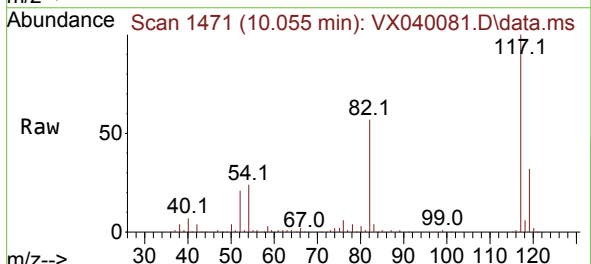
Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

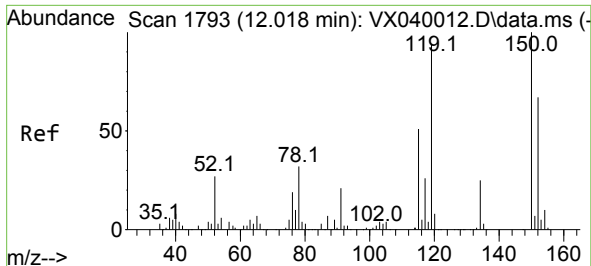
Tgt Ion: 95 Resp: 71180
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 117 Resp: 148696
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 31.8 25.5 38.3

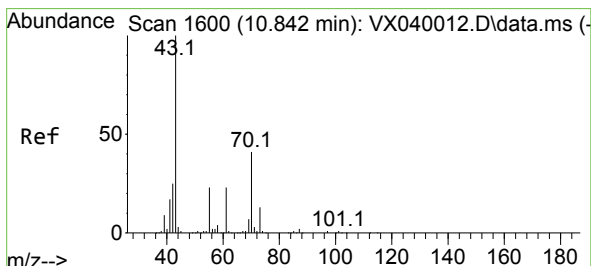
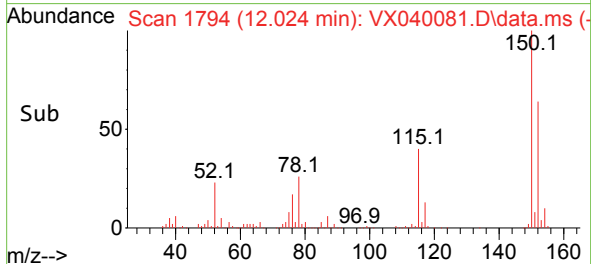
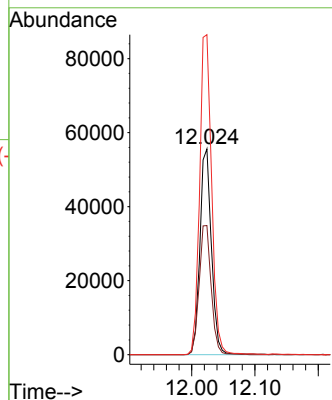
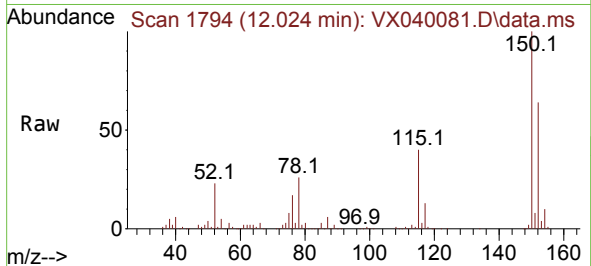




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040081.D
 Acq: 02 Feb 2024 12:58

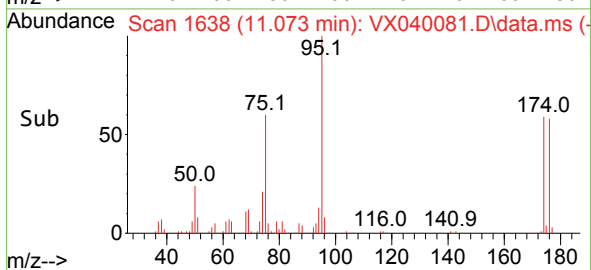
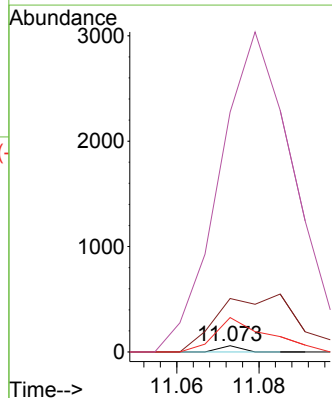
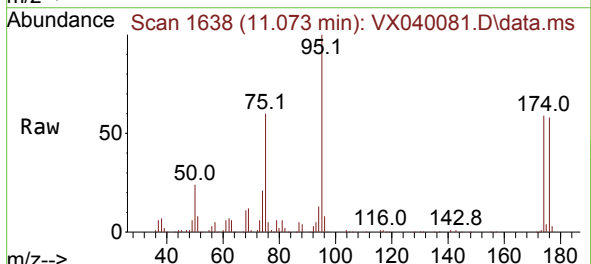
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20240131

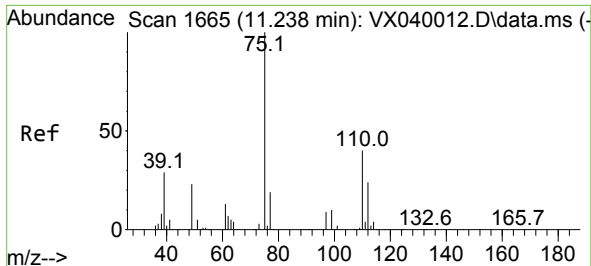
Tgt Ion:152 Resp: 70685
 Ion Ratio Lower Upper
 152 100
 115 65.5 43.3 129.9
 150 161.9 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.208 ug/l
 RT: 11.073 min Scan# 1638
 Delta R.T. 0.231 min
 Lab File: VX040081.D
 Acq: 02 Feb 2024 12:58

Tgt Ion: 43 Resp: 22
 Ion Ratio Lower Upper
 43 100
 70 3345.5 32.9 49.3#
 55 1340.9 19.3 28.9#
 61 17890.9 18.8 28.2#

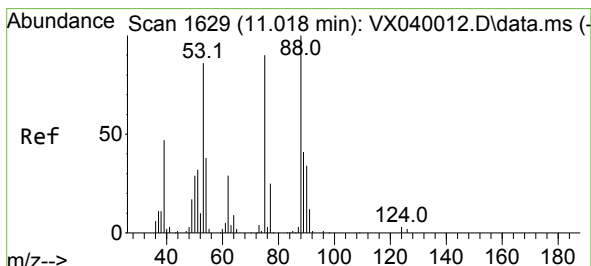
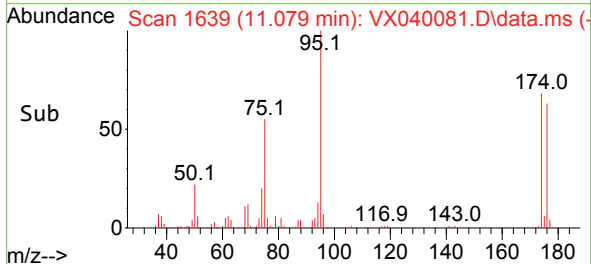
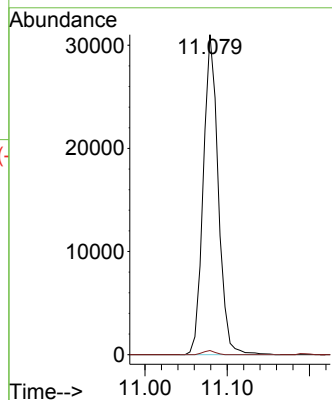
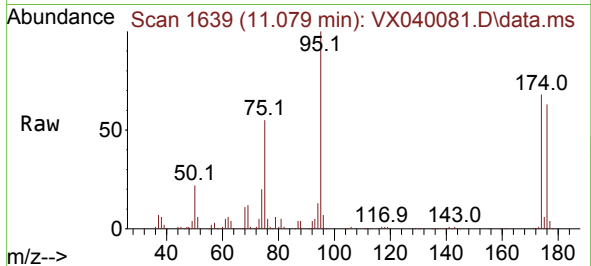




#76
1,2,3-Trichloropropane
Concen: 26.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Instrument :
MSVOA_X
ClientSampleId :
FB-20240131

Tgt Ion: 75 Resp: 39281
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040081.D
Acq: 02 Feb 2024 12:58

Tgt Ion: 75 Resp: 39281
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

