

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039831.D
 Acq On : 19 Jan 2024 12:13
 Operator : JC/MD
 Sample : P1185-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-011724

Quant Time: Jan 20 00:23:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

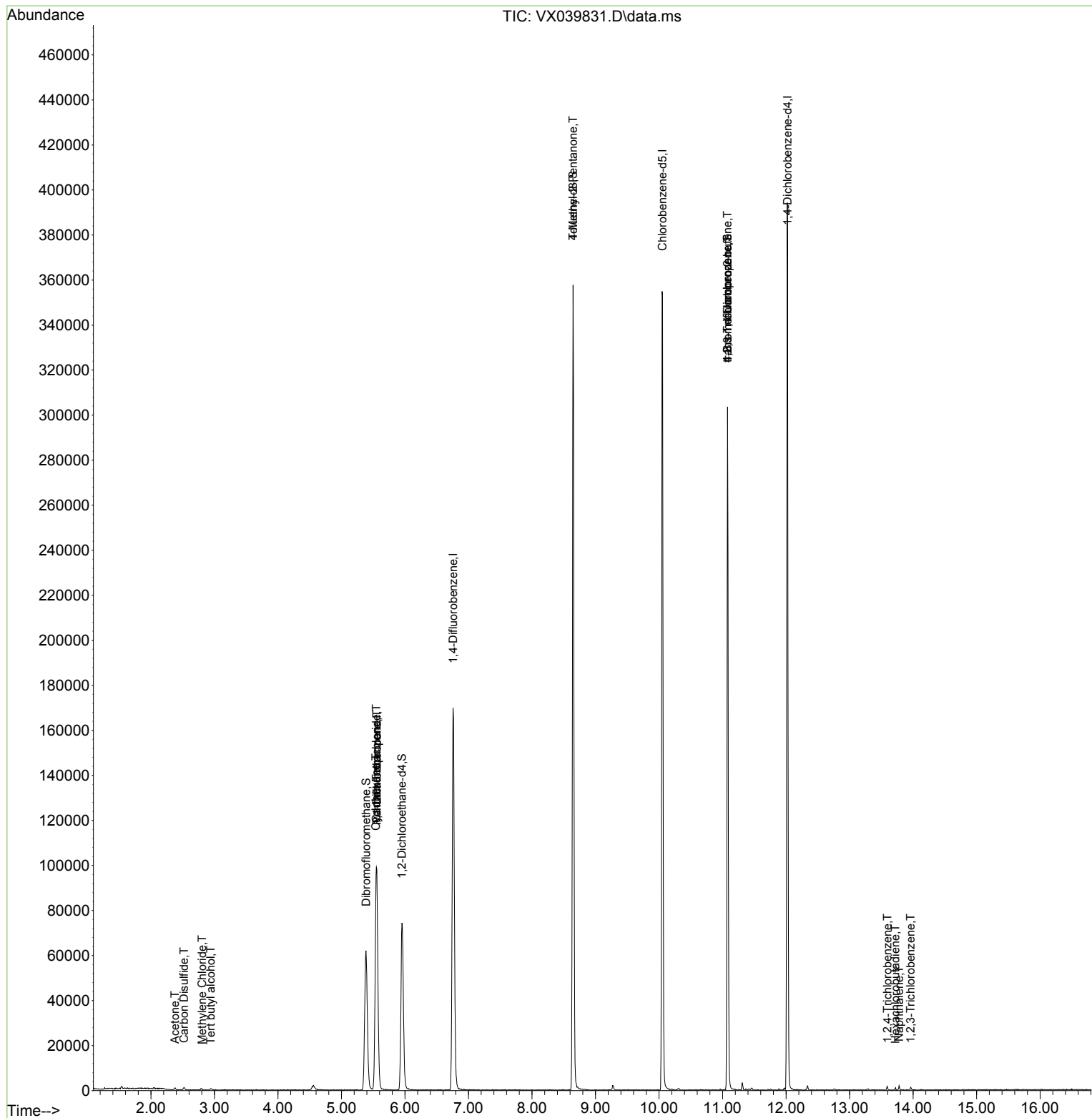
Internal Standards						
1) Pentafluorobenzene	5.556	168	90099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72131	47.791	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.580%
35) Dibromofluoromethane	5.385	113	55124	48.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	204268	47.439	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.079	95	80044	47.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	524	1.334	ug/l #	78
16) Acetone	2.380	43	904	1.065	ug/l	94
17) Carbon Disulfide	2.520	76	625	0.201	ug/l #	76
20) Methylene Chloride	2.806	84	294	0.229	ug/l #	50
31) Cyclohexane	5.544	56	2496	1.253	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	8458	4.759	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10490	6.445	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1005	0.420	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44473	22.659	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	44473	65.542	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	552	0.355	ug/l	93
94) Hexachlorobutadiene	13.719	225	165	0.255	ug/l	77
95) Naphthalene	13.780	128	1308	0.229	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	452	0.288	ug/l	91

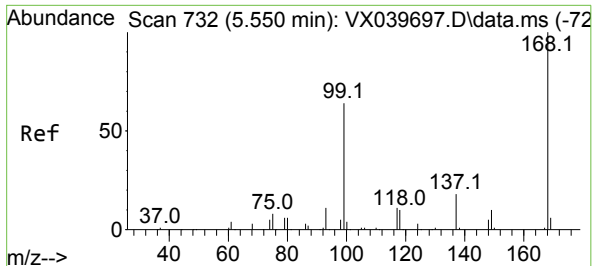
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 00:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

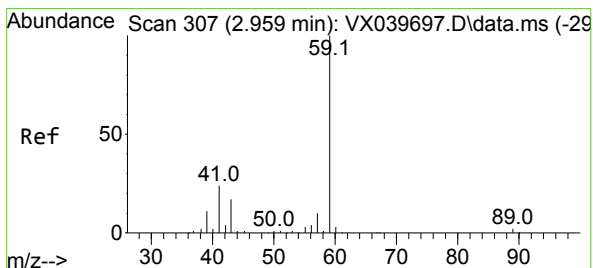
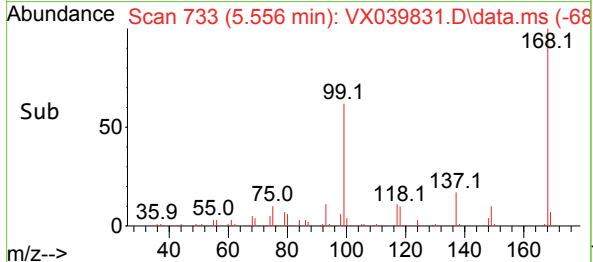
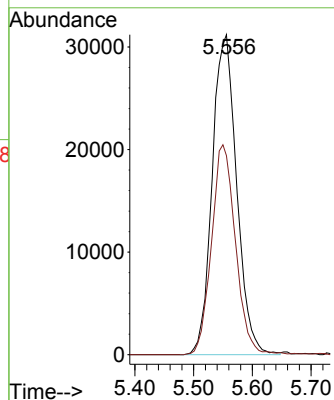
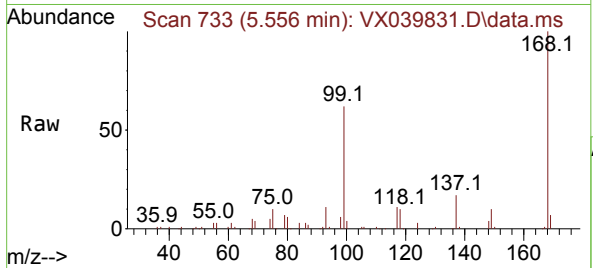




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

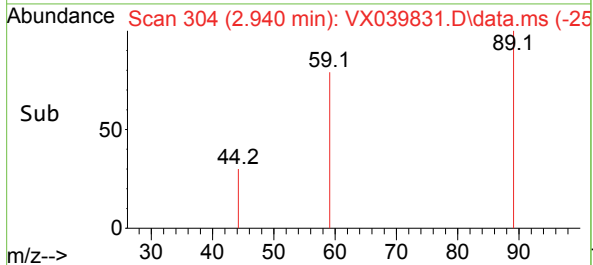
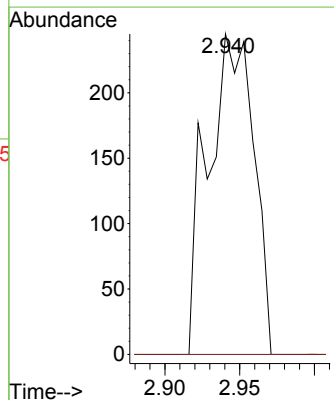
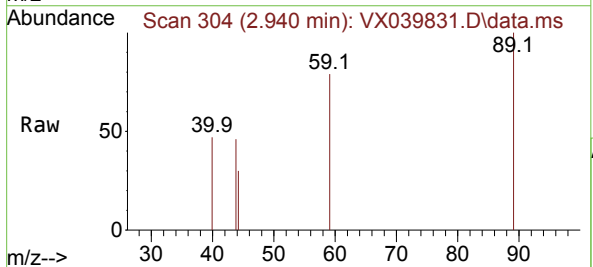
Instrument :
MSVOA_X
ClientSampleId :
FB-011724

Tgt Ion:168 Resp: 90099
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.334 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion: 59 Resp: 524
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.065 ug/l

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

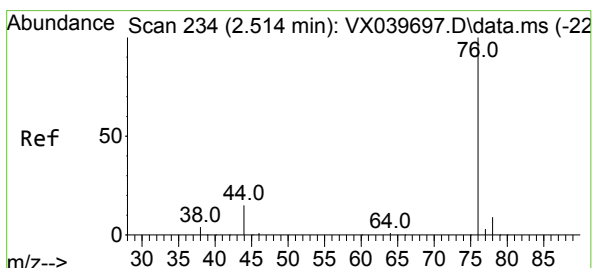
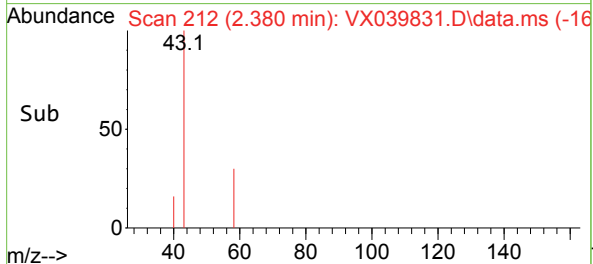
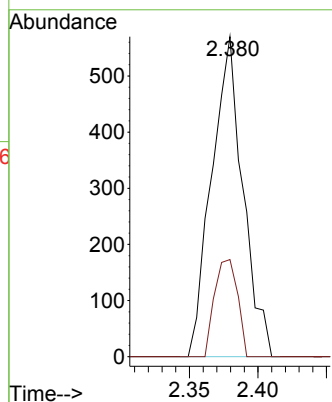
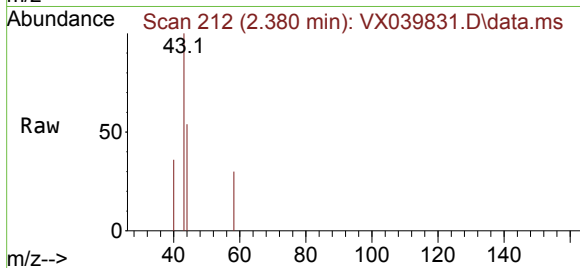
FB-011724

Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

58 30.4 21.9 32.9



#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX039831.D

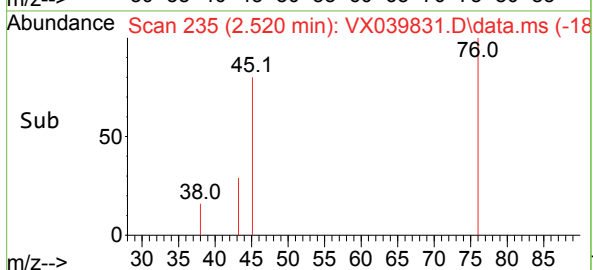
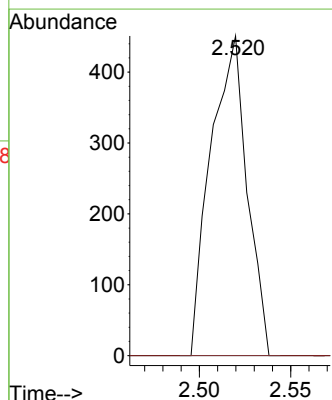
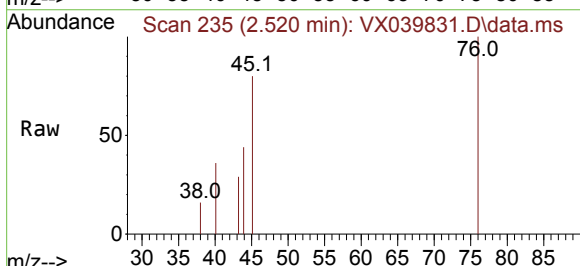
Acq: 19 Jan 2024 12:13

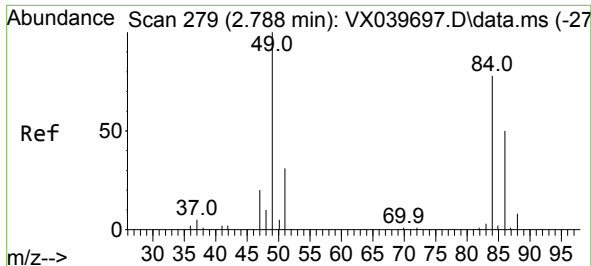
Tgt Ion: 76 Resp: 625

Ion Ratio Lower Upper

76 100

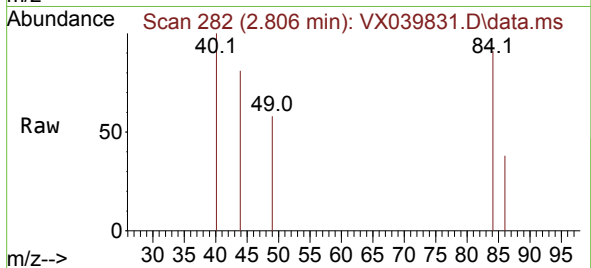
78 0.0 7.0 10.6#



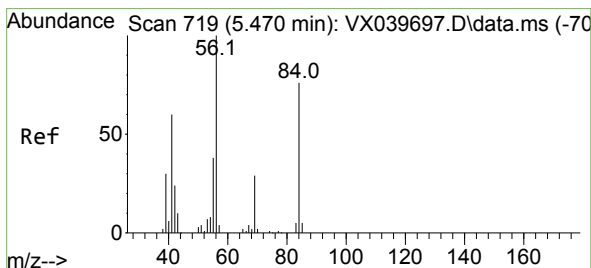
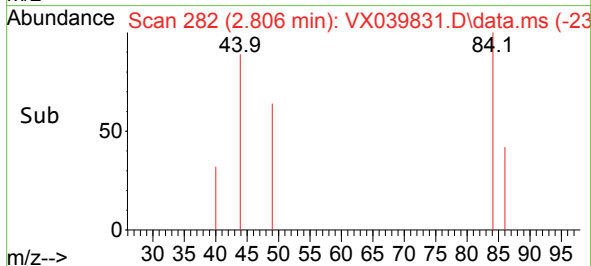
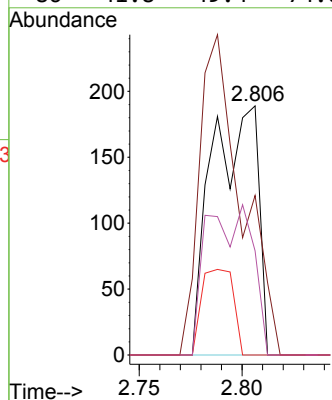


#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Instrument :
MSVOA_X
ClientSampleId :
FB-011724

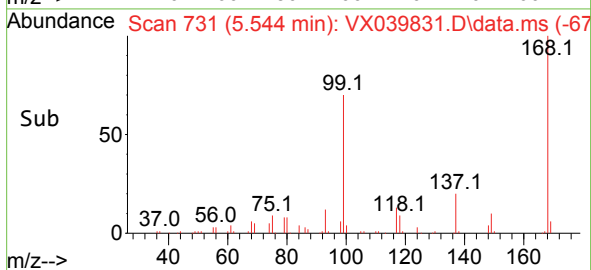
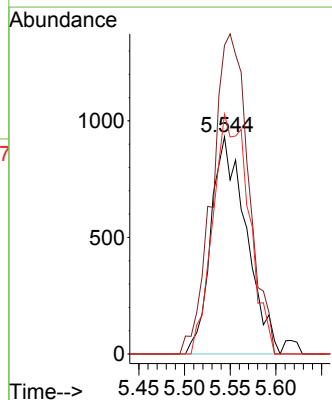
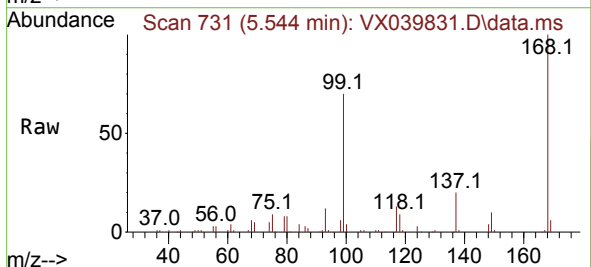


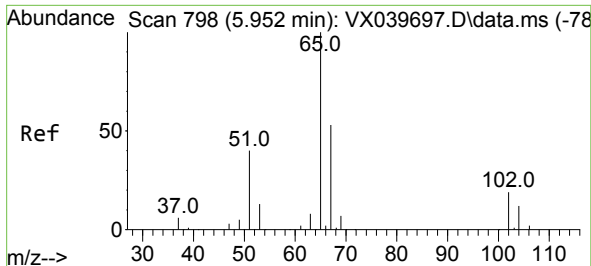
Tgt Ion: 84	Resp: 294
Ion Ratio	Lower Upper
84 100	
49 64.0	103.6 155.4#
51 0.0	33.8 50.6#
86 41.8	49.4 74.0#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion: 56	Resp: 2496
Ion Ratio	Lower Upper
56 100	
69 142.2	23.4 35.2#
84 110.4	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.791 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

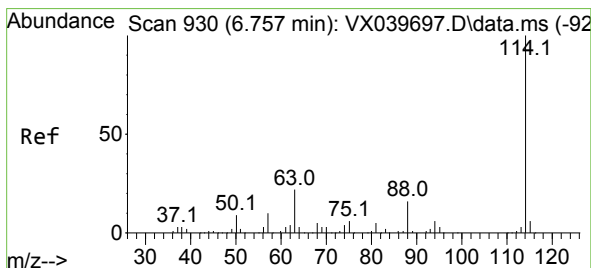
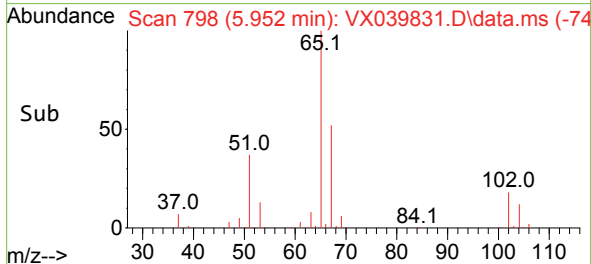
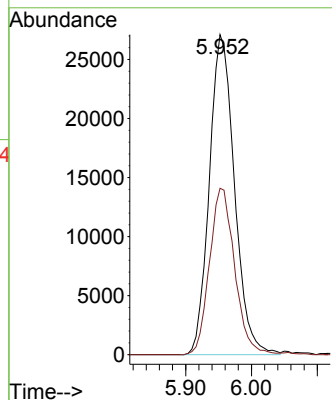
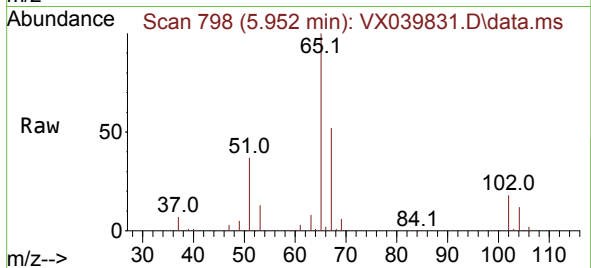
FB-011724

Tgt Ion: 65 Resp: 72131

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

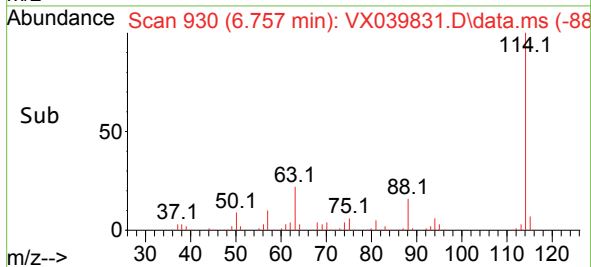
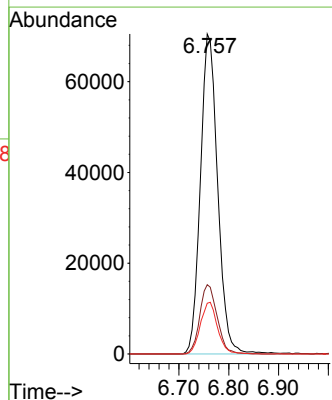
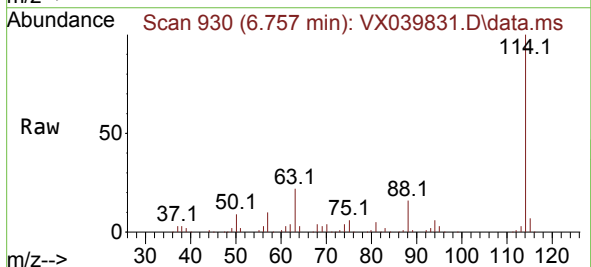
Tgt Ion: 114 Resp: 169504

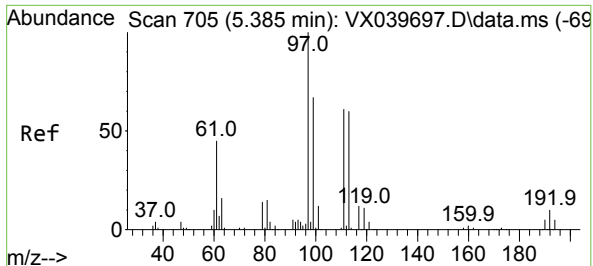
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.283 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

FB-011724

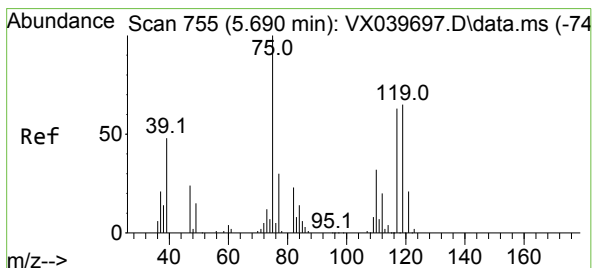
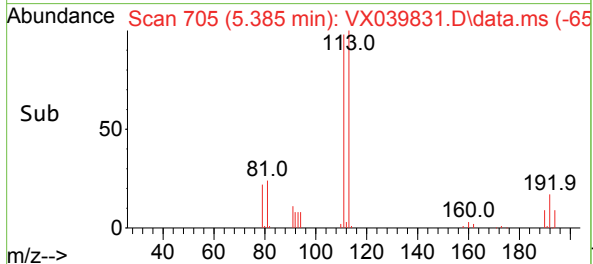
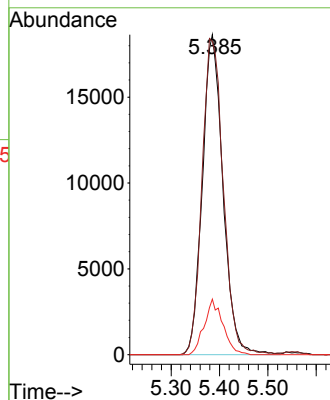
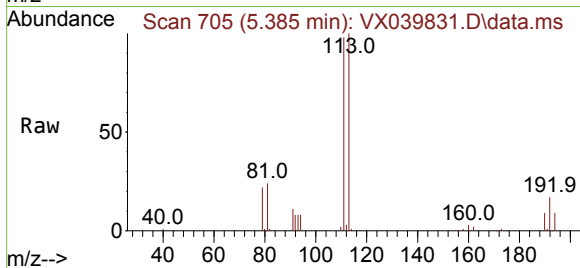
Tgt Ion:113 Resp: 55124

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.759 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

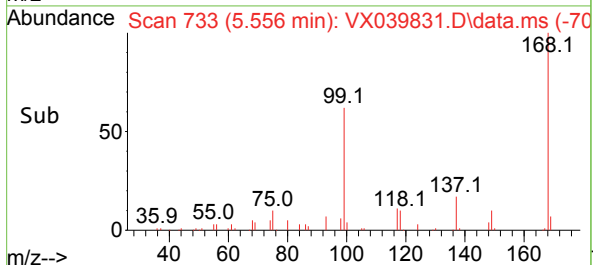
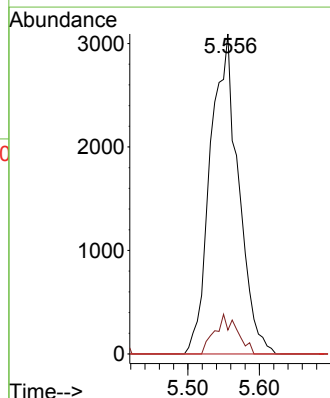
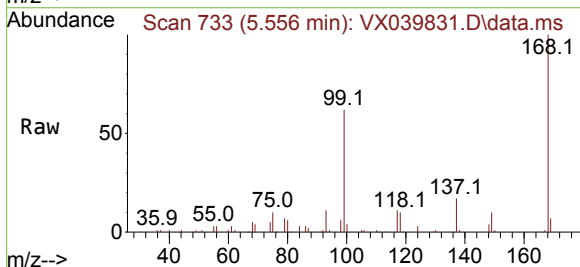
Tgt Ion: 75 Resp: 8458

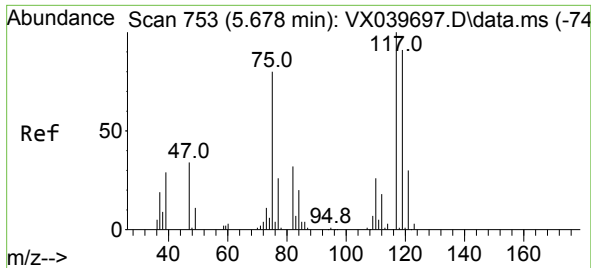
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

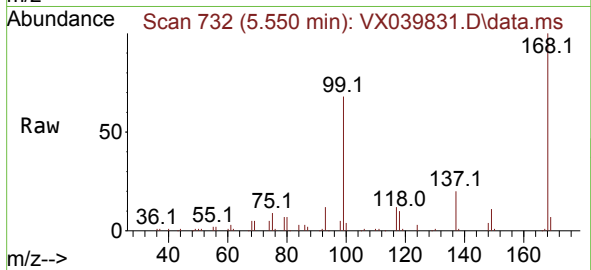
77 0.0 24.7 37.1#



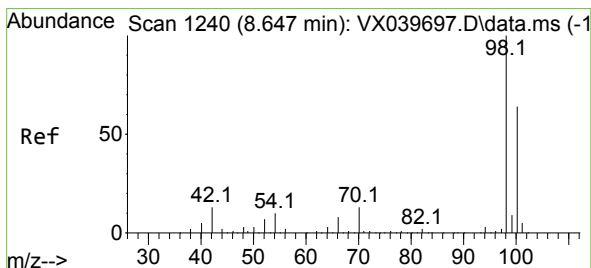
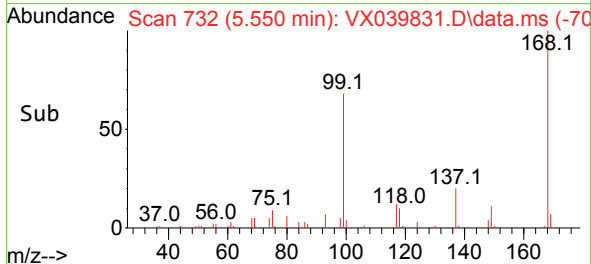
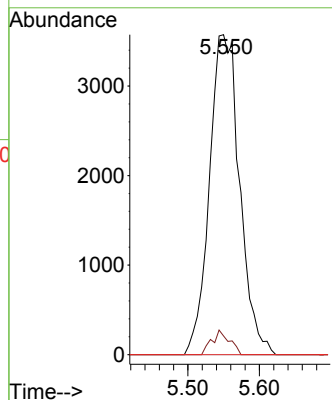


#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Instrument :
MSVOA_X
ClientSampleId :
FB-011724

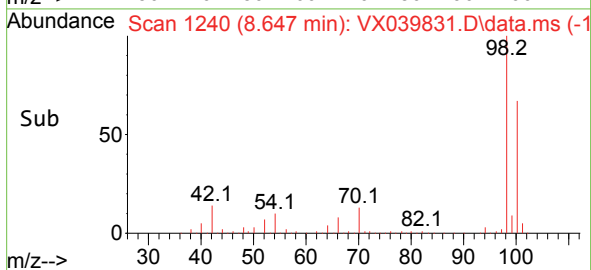
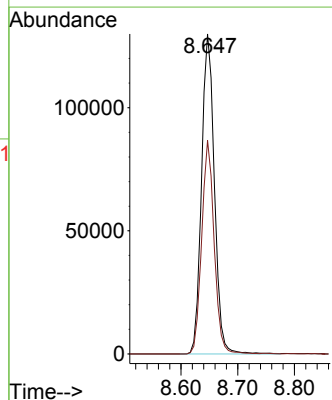
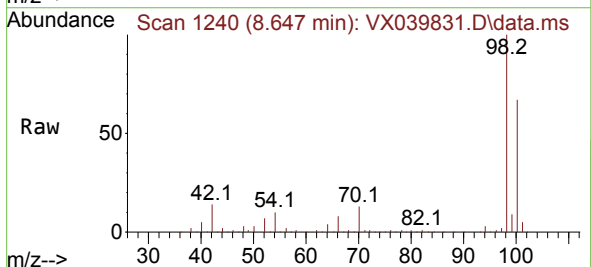


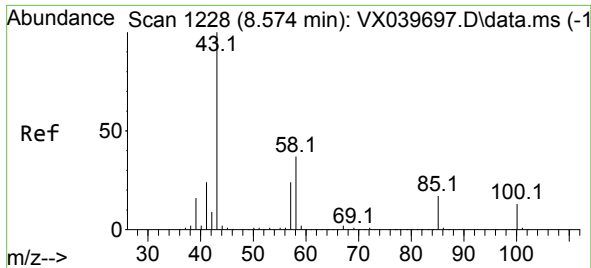
Tgt Ion:117 Resp: 10490
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.439 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion: 98 Resp: 204268
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

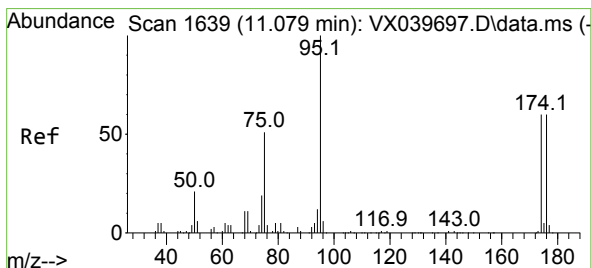
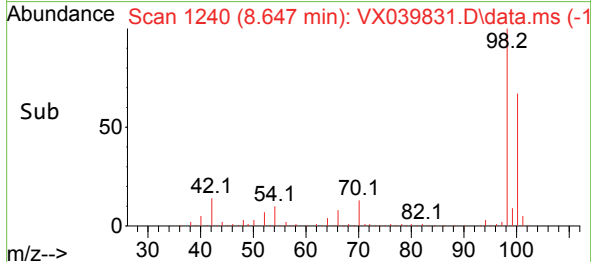
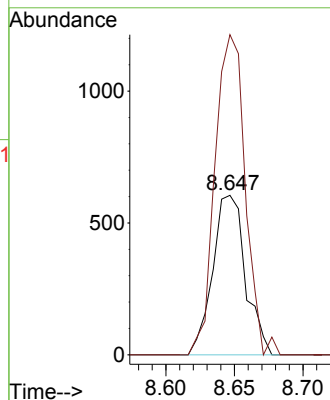
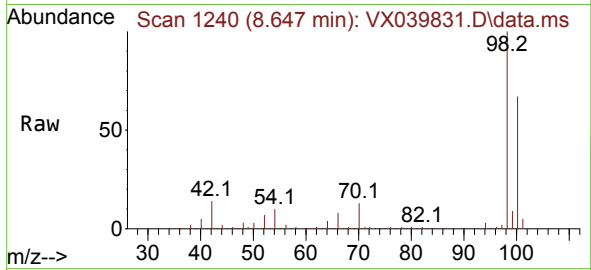




#51
4-Methyl-2-Pentanone
Concen: 0.420 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

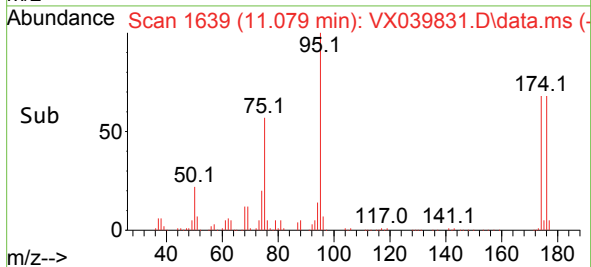
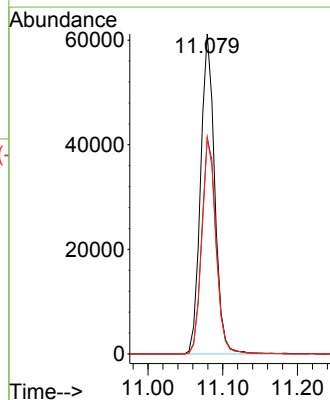
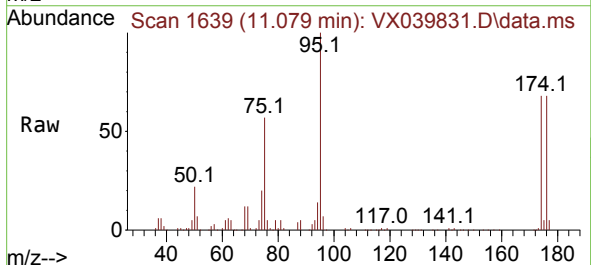
Instrument :
MSVOA_X
ClientSampleId :
FB-011724

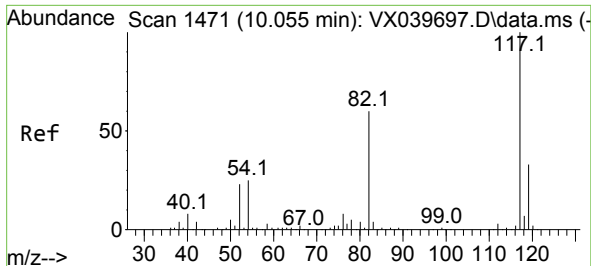
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 185.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion: 95 Resp: 80044
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 67.0 0.0 131.0

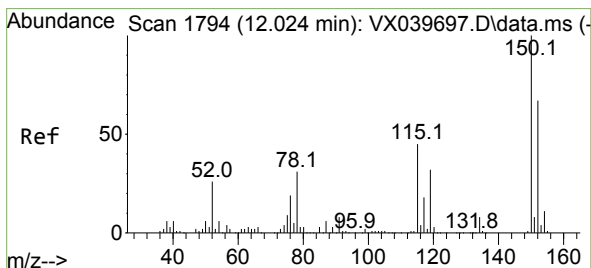
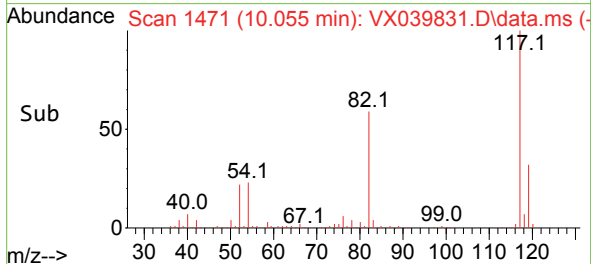
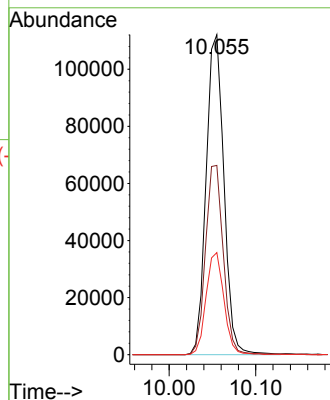
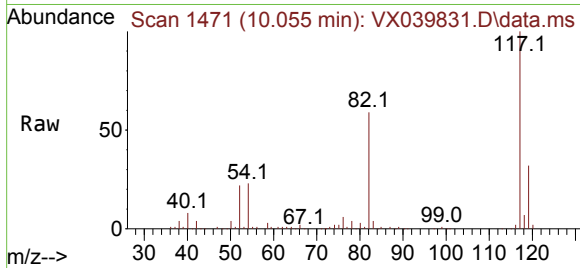




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

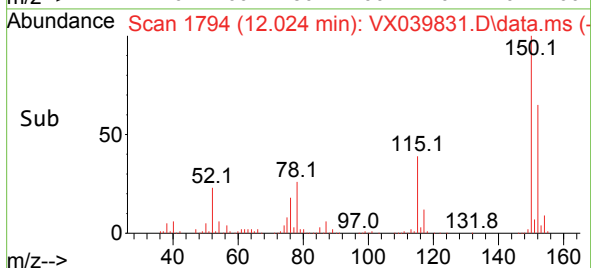
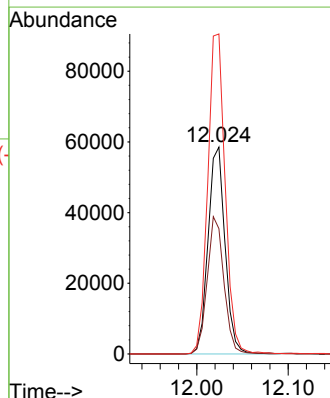
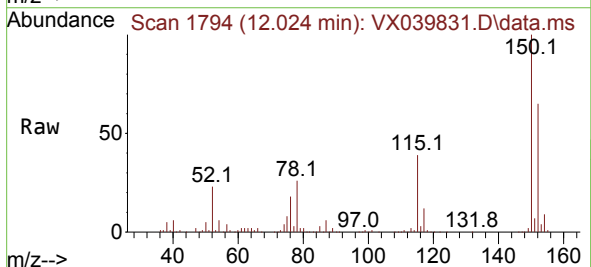
Instrument :
MSVOA_X
ClientSampleId :
FB-011724

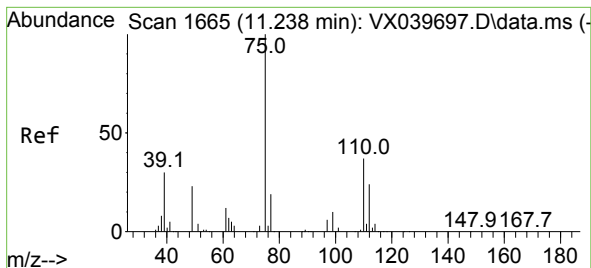
Tgt Ion:117 Resp: 160009
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion:152 Resp: 75705
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.659 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

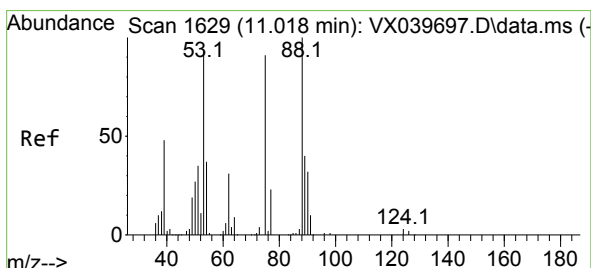
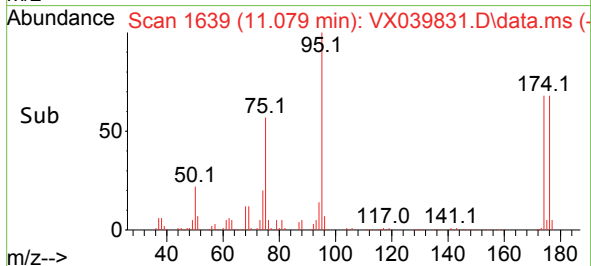
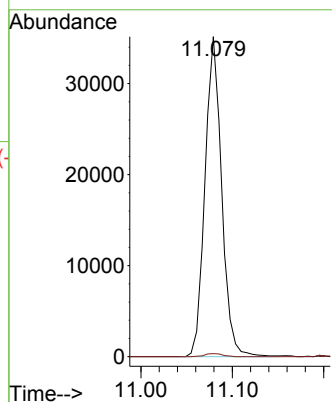
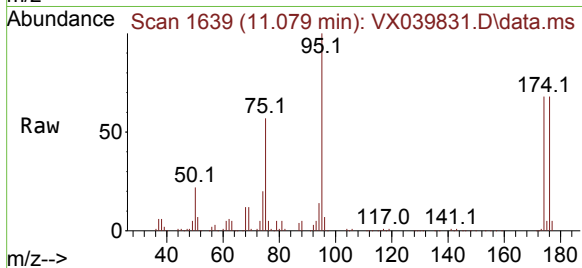
FB-011724

Tgt Ion: 75 Resp: 44473

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.542 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

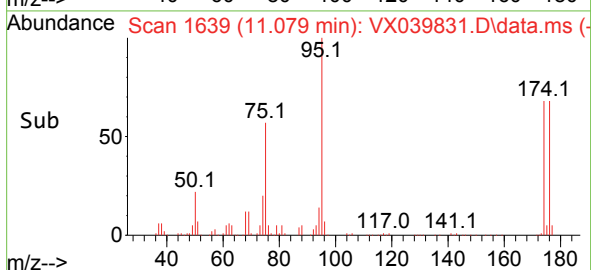
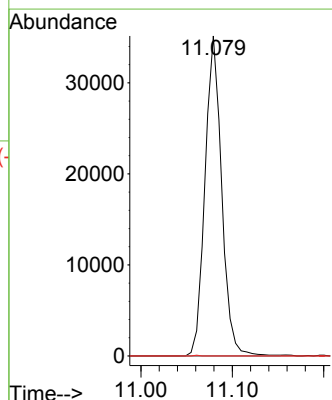
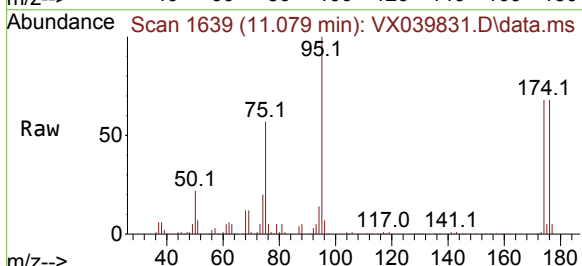
Tgt Ion: 75 Resp: 44473

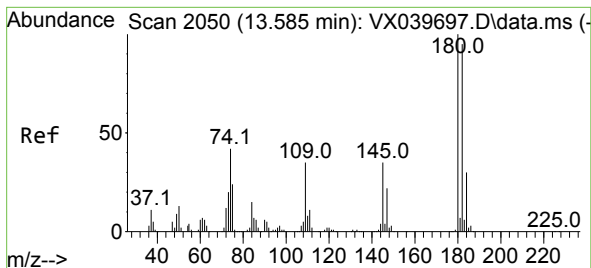
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.355 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

Instrument :

MSVOA_X

ClientSampleId :

FB-011724

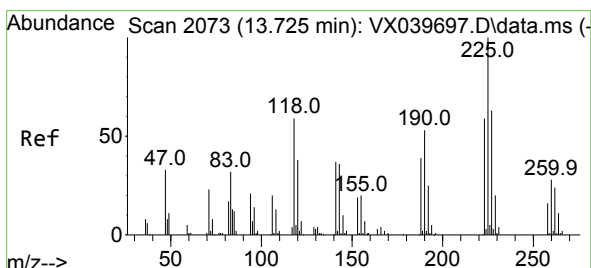
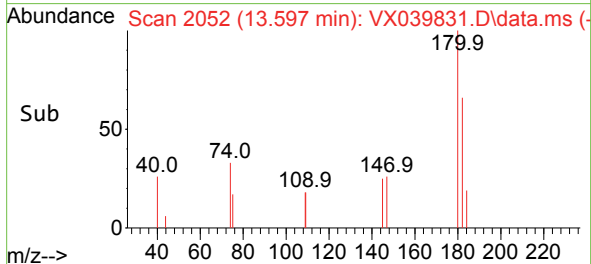
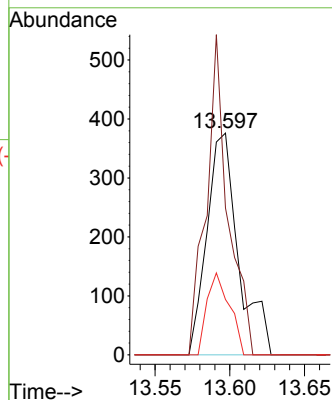
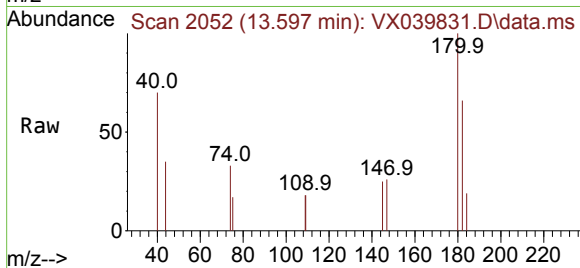
Tgt Ion:180 Resp: 552

Ion Ratio Lower Upper

180 100

182 99.5 48.3 144.8

145 26.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.255 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039831.D

Acq: 19 Jan 2024 12:13

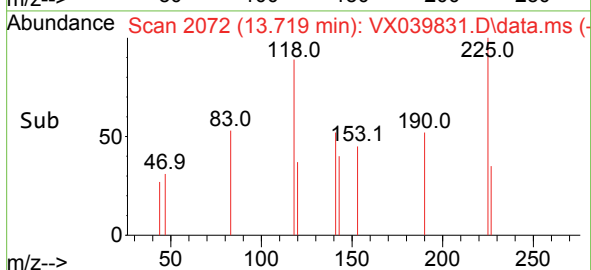
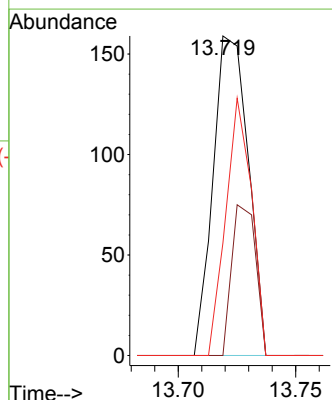
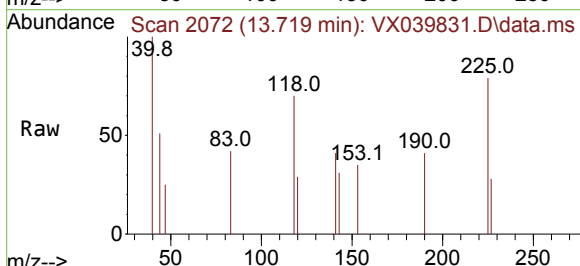
Tgt Ion:225 Resp: 165

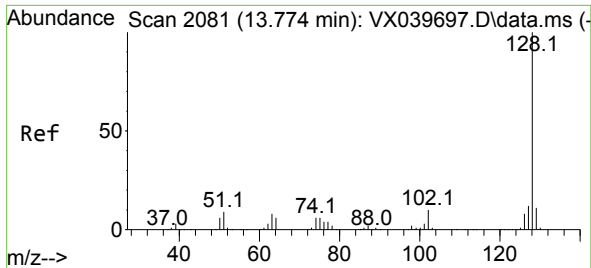
Ion Ratio Lower Upper

225 100

223 32.1 31.1 93.2

227 59.4 32.5 97.5

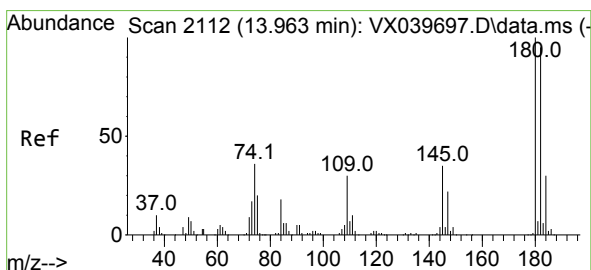
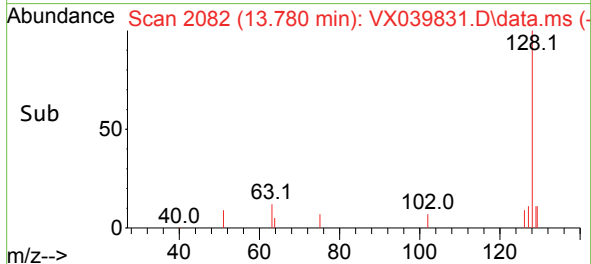
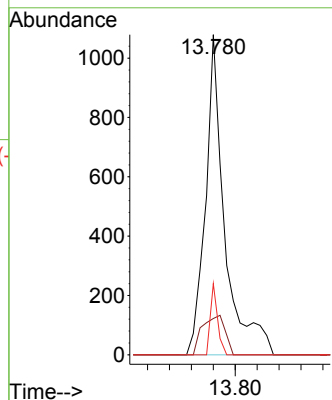
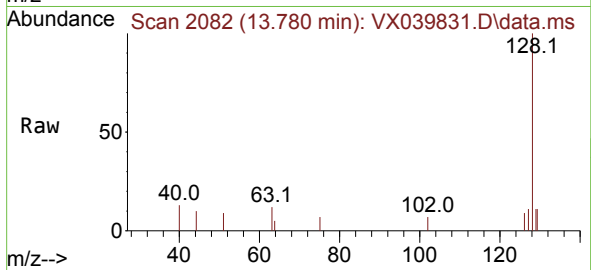




#95
Naphthalene
Concen: 0.229 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Instrument :
MSVOA_X
ClientSampleId :
FB-011724

Tgt Ion:128 Resp: 1308
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 8.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.288 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039831.D
Acq: 19 Jan 2024 12:13

Tgt Ion:180 Resp: 452
Ion Ratio Lower Upper
180 100
182 82.3 46.9 140.6
145 34.7 17.8 53.5

