

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046292.D
 Acq On : 21 May 2025 13:09
 Operator : JC/MD
 Sample : Q2075-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05152025

Quant Time: May 22 01:48:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

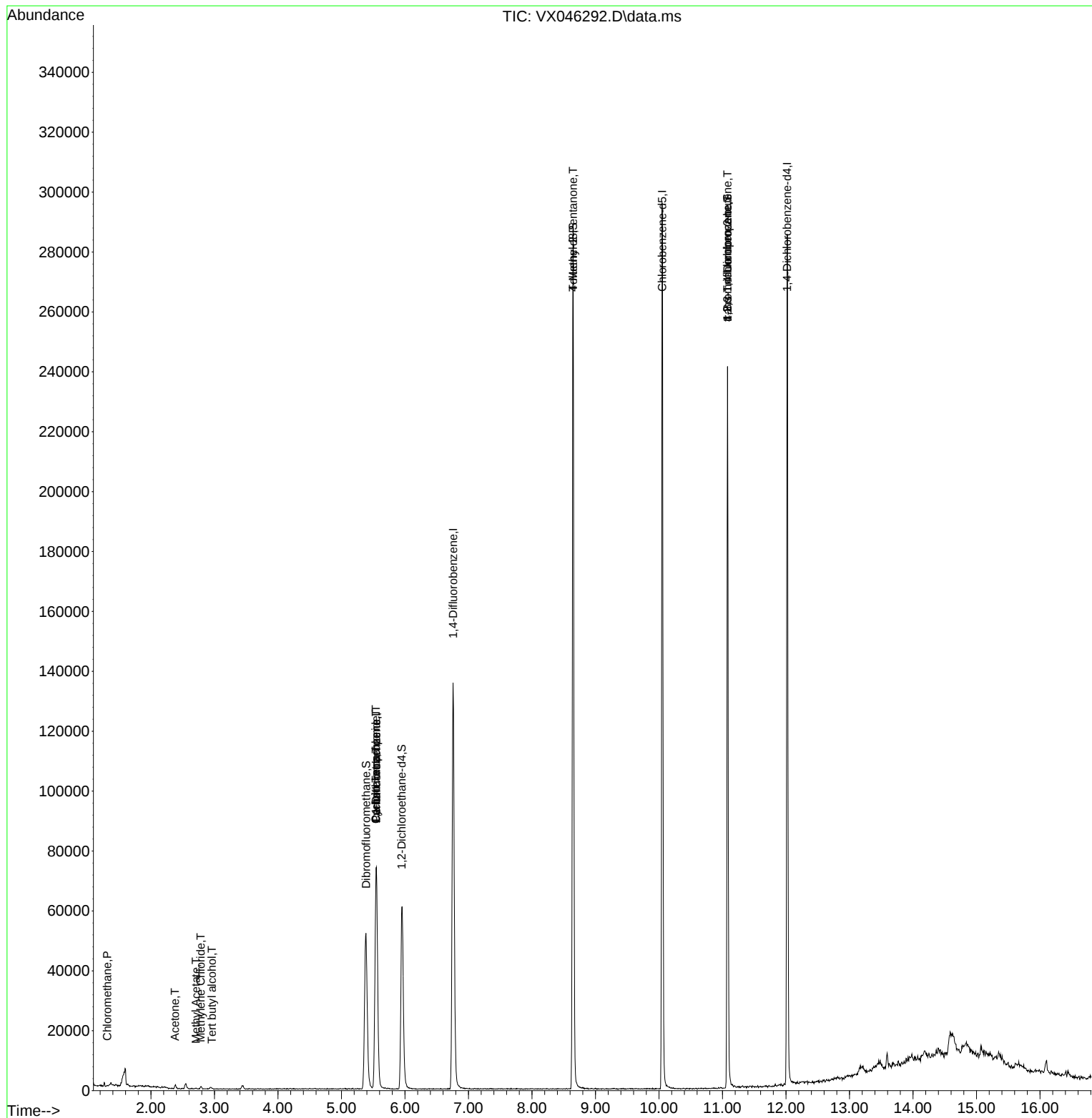
Internal Standards						
1) Pentafluorobenzene	5.550	168	63566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63080	53.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.460%	
35) Dibromofluoromethane	5.385	113	44990	49.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	8.647	98	159992	50.671	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	11.079	95	63027	52.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	266	0.282	ug/l #	43
11) Tert butyl alcohol	2.959	59	291	1.749	ug/l #	72
16) Acetone	2.380	43	1422	2.993	ug/l	93
18) Methyl Acetate	2.709	43	345	0.313	ug/l #	70
20) Methylene Chloride	2.782	84	357	0.392	ug/l #	74
31) Cyclohexane	5.544	56	1722	1.219	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	5992	4.889	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7763	5.637	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	982	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36067	28.463	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36067	92.666	ug/l #	1

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

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Sample : Q2075-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

Quant Time: May 22 01:48:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

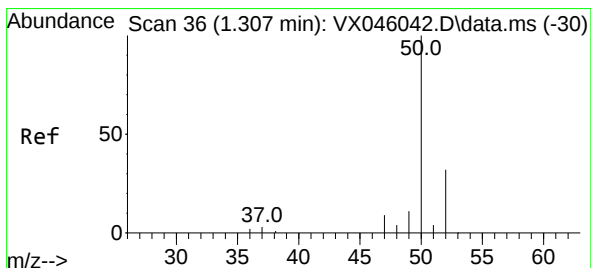
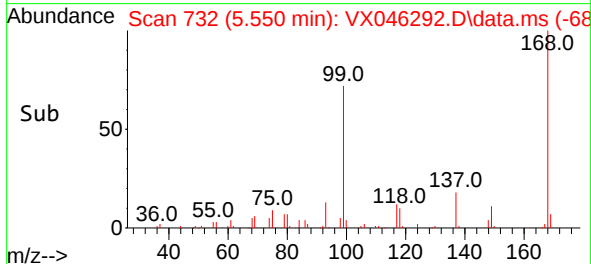
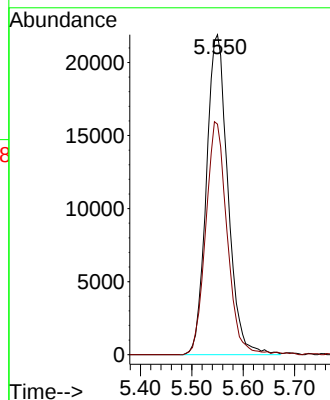
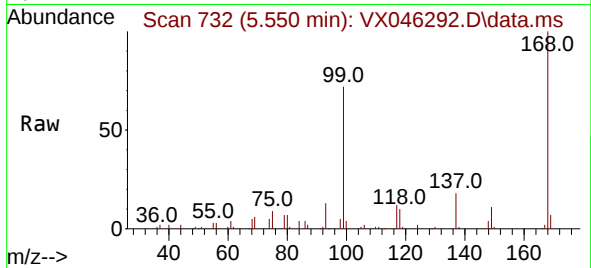




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

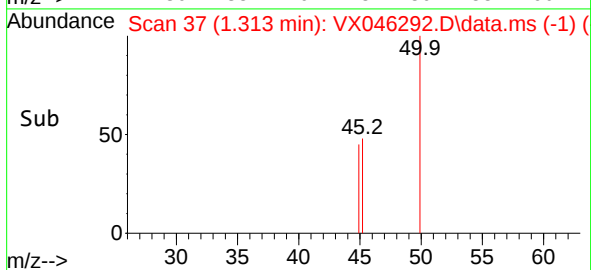
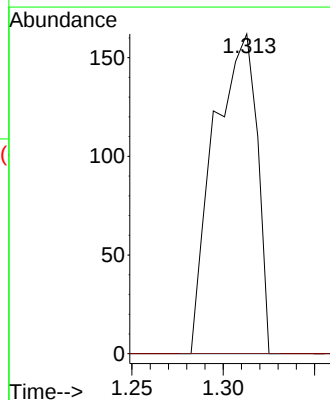
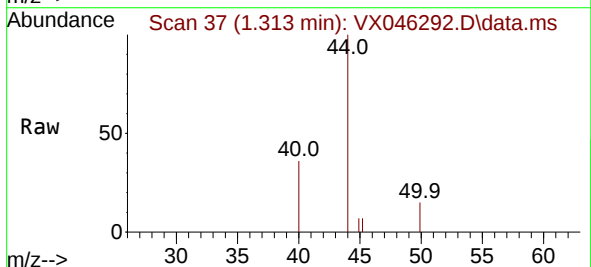
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

Tgt Ion:168 Resp: 63566
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

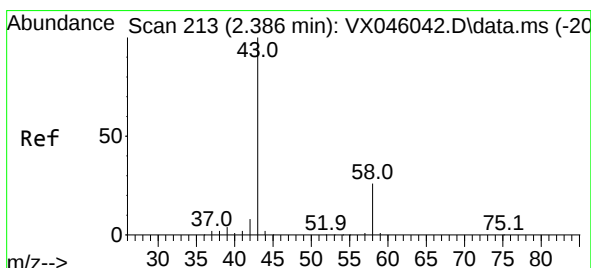
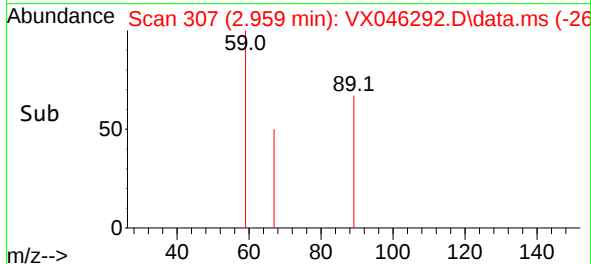
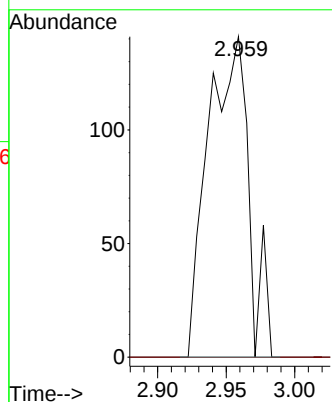
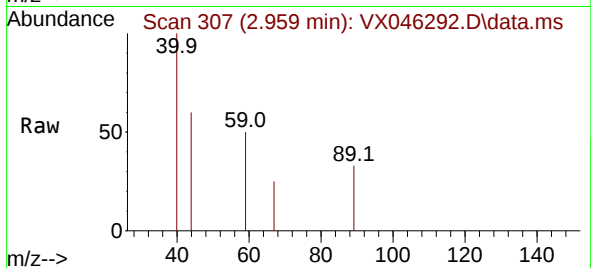




#11
Tert butyl alcohol
Concen: 1.749 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

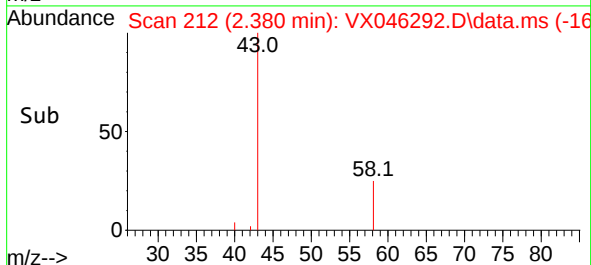
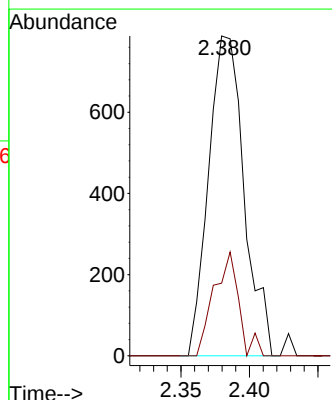
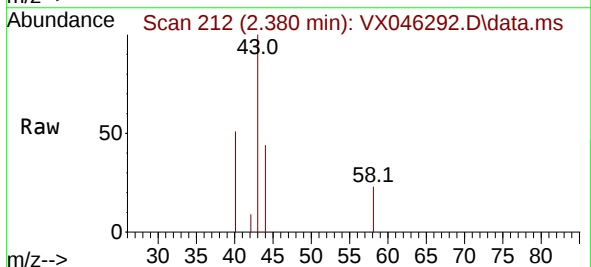
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

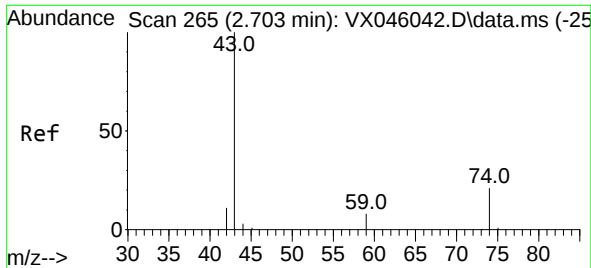
Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.993 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 22.7 21.2 31.8

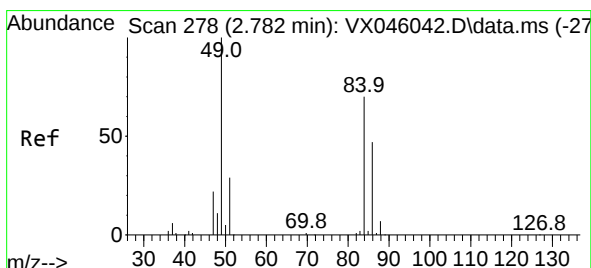
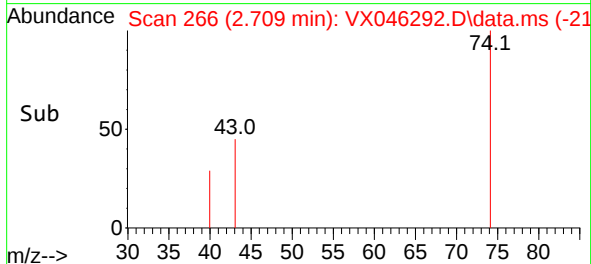
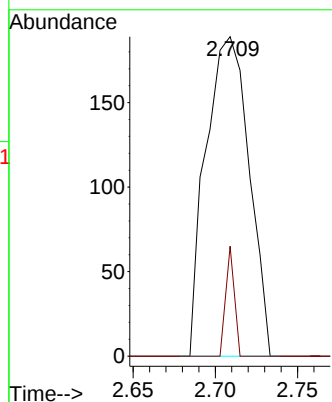
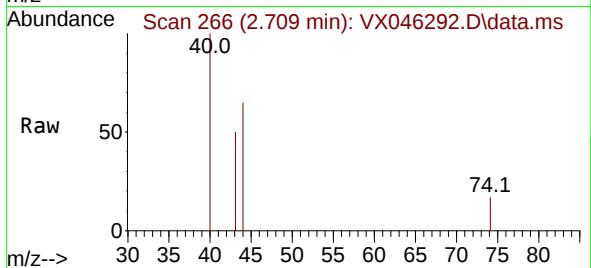




#18
Methyl Acetate
Concen: 0.313 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

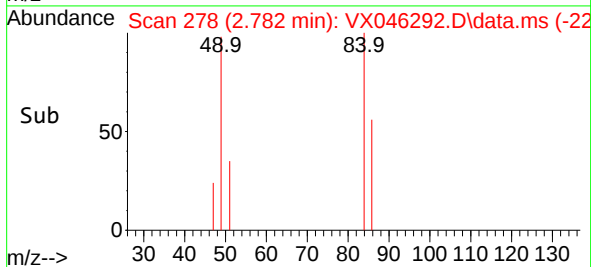
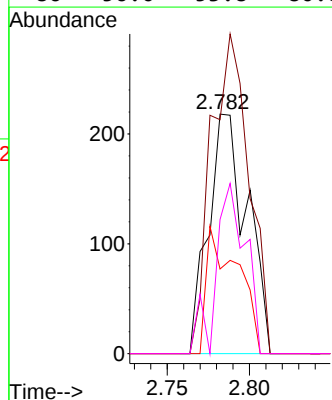
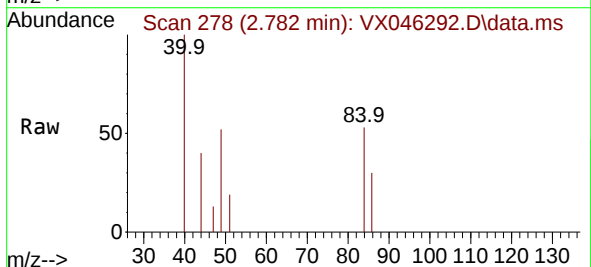
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

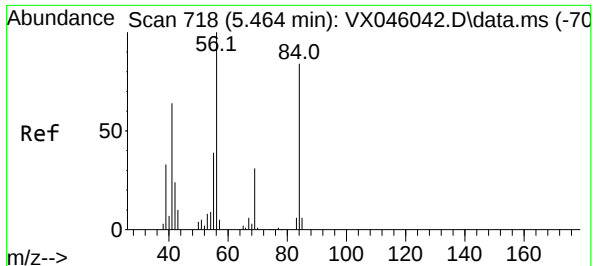
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
74 7.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.392 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

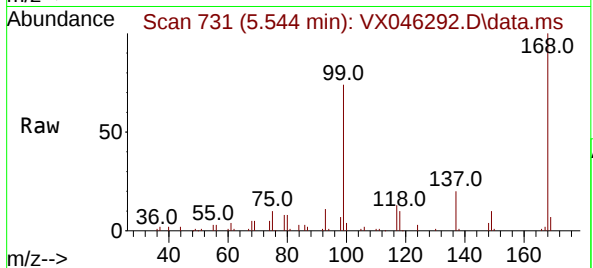
Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 97.7 113.9 170.9#
51 35.3 33.5 50.3
86 56.0 53.8 80.8



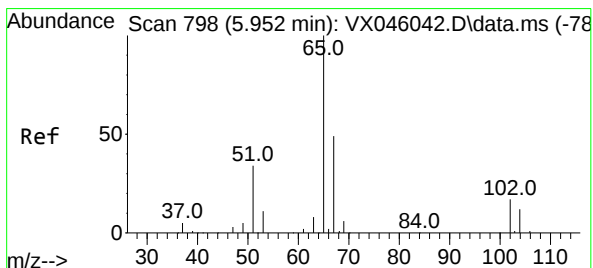
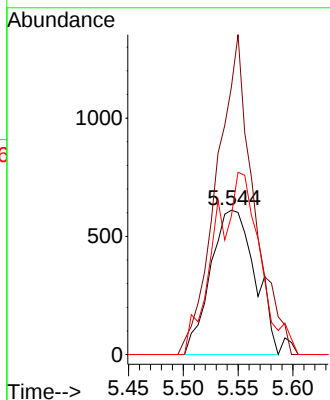
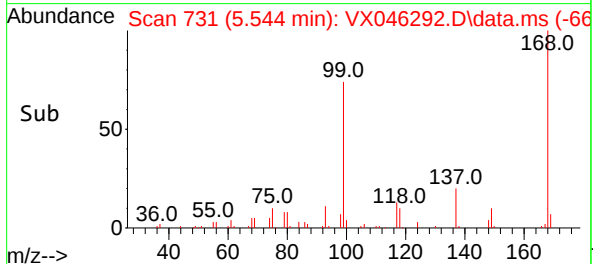


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

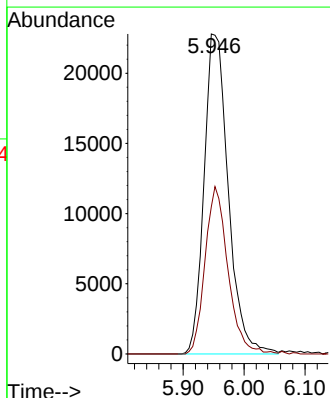
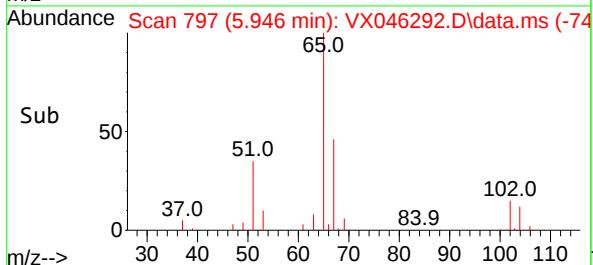
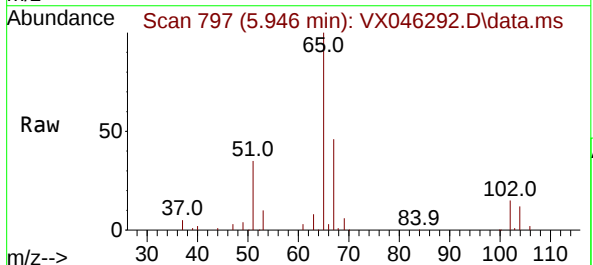


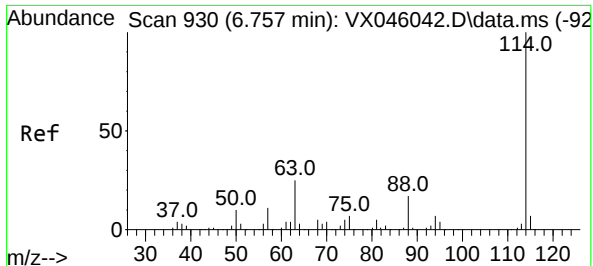
Tgt Ion: 56 Resp: 1722
Ion Ratio Lower Upper
56 100
69 184.9 24.4 36.6#
84 95.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.229 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 65 Resp: 63080
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

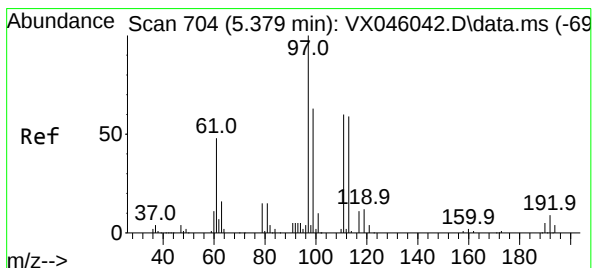
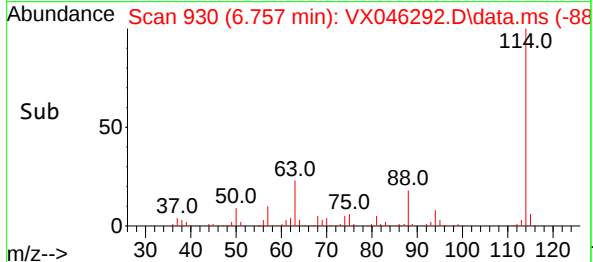
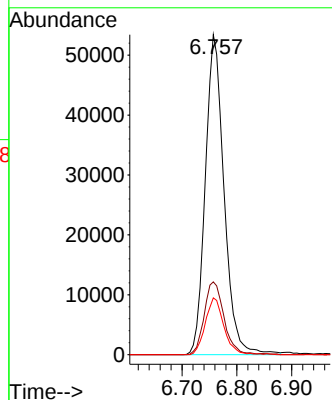
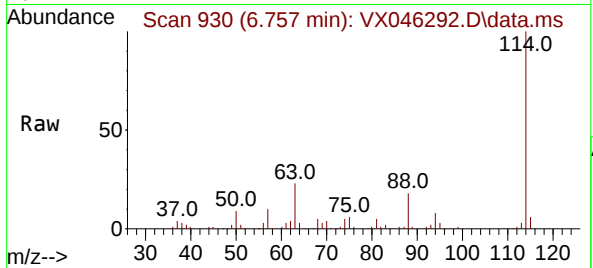




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

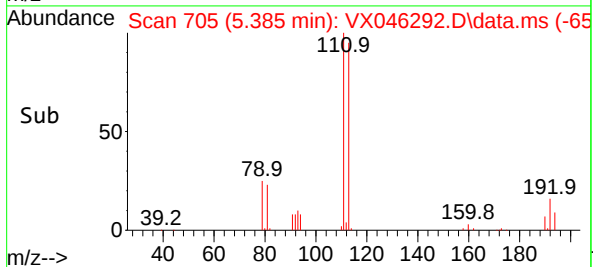
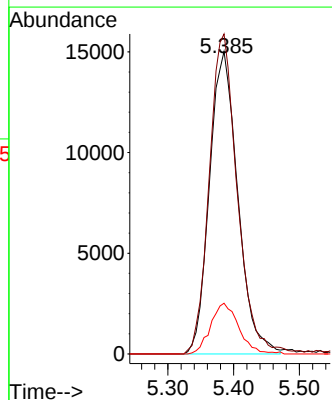
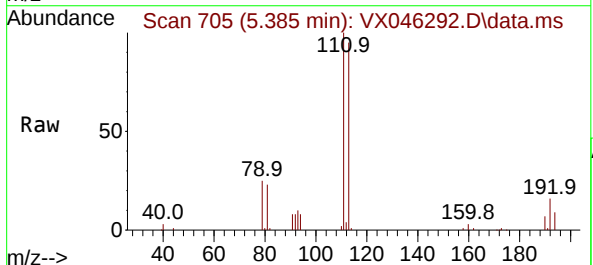
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

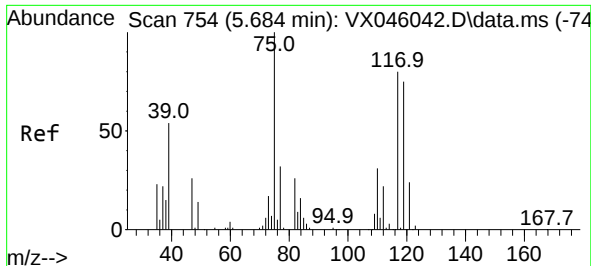
Tgt Ion:114 Resp: 126684
Ion Ratio Lower Upper
114 100
63 22.7 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.317 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion:113 Resp: 44990
Ion Ratio Lower Upper
113 100
111 104.8 83.1 124.7
192 16.7 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046292.D

Acq: 21 May 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

FB-05152025

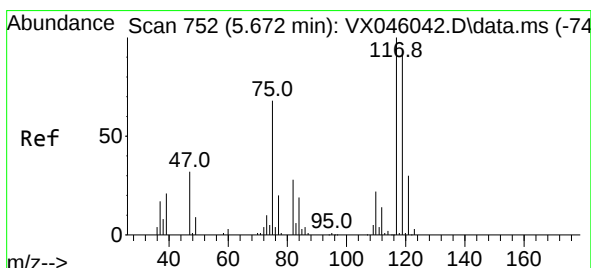
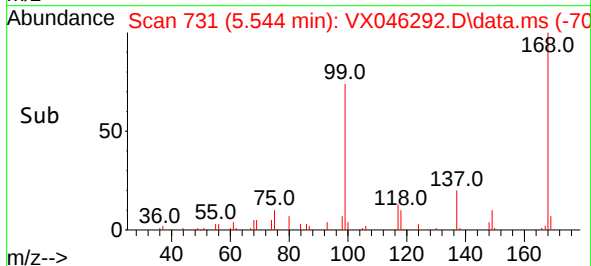
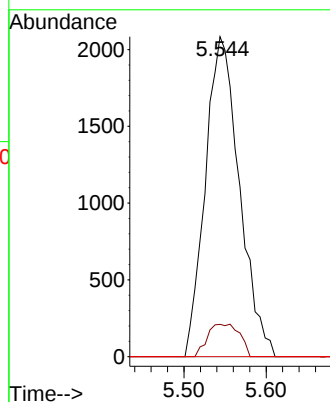
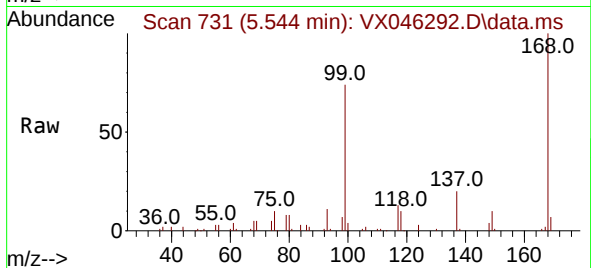
Tgt Ion: 75 Resp: 5992

Ion Ratio Lower Upper

75 100

110 9.5 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.637 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046292.D

Acq: 21 May 2025 13:09

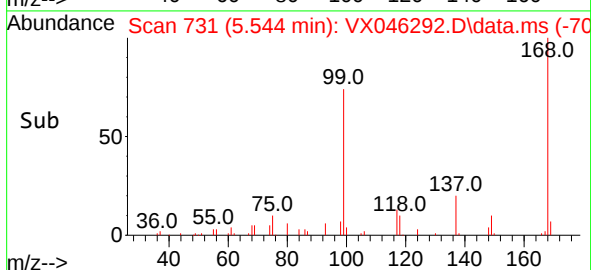
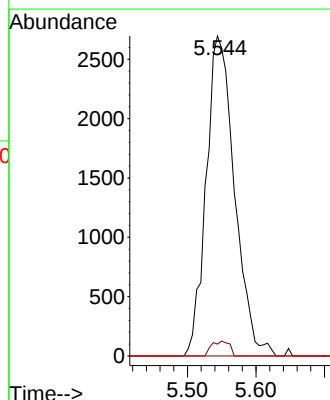
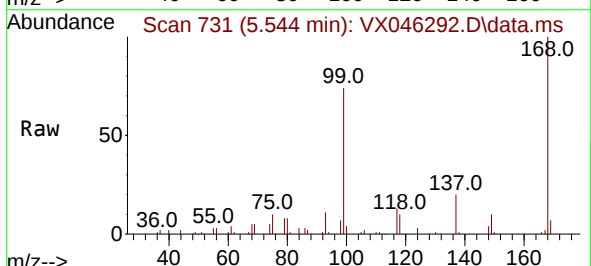
Tgt Ion: 117 Resp: 7763

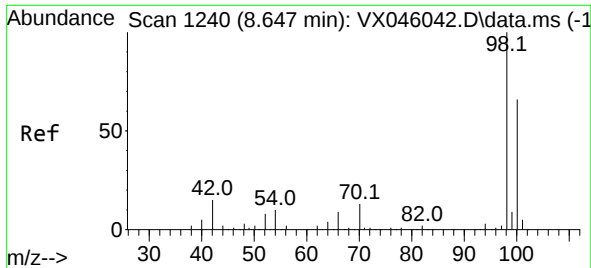
Ion Ratio Lower Upper

117 100

119 3.7 75.2 112.8#

121 0.0 24.2 36.4#

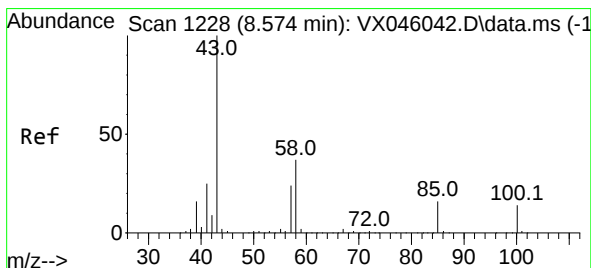
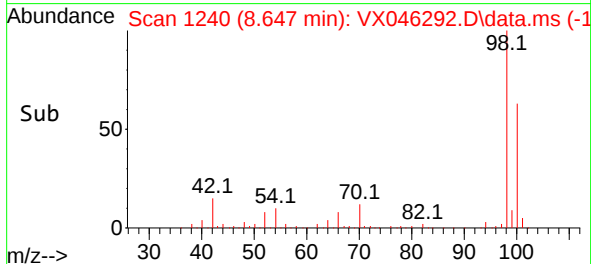
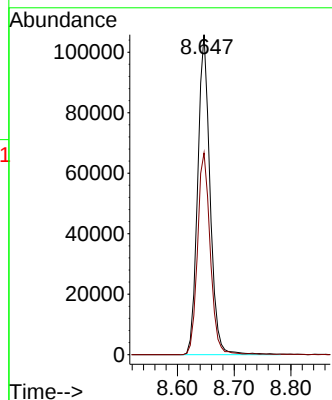
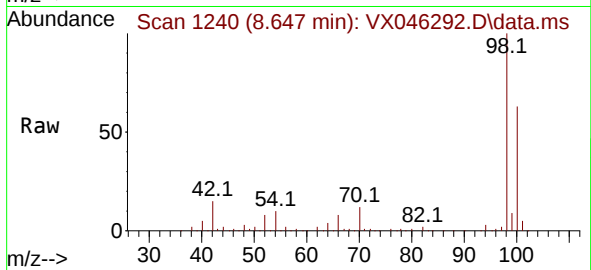




#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

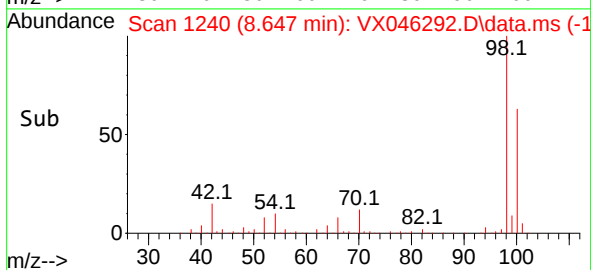
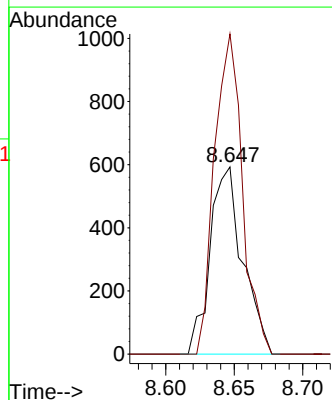
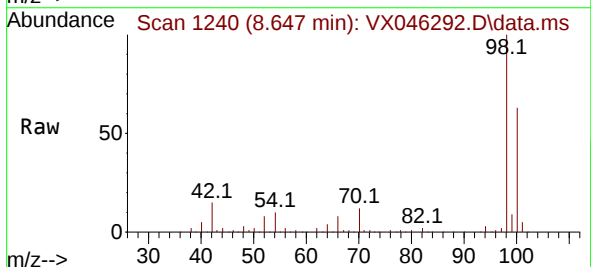
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

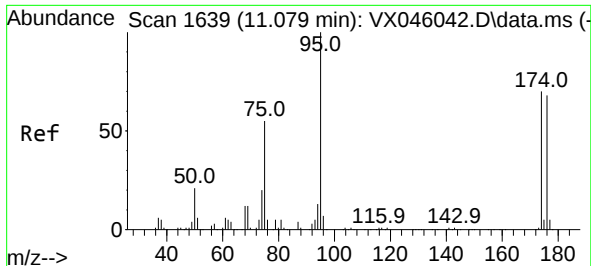
Tgt Ion: 98 Resp: 159992
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 146.5 28.9 43.3#

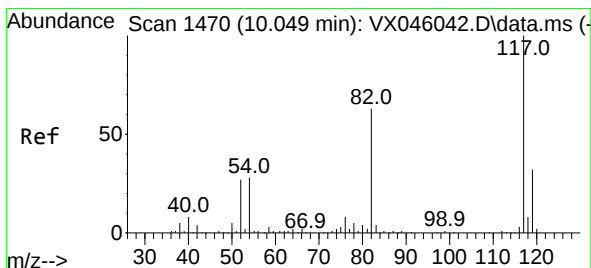
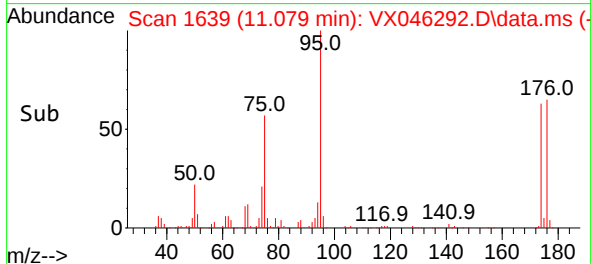
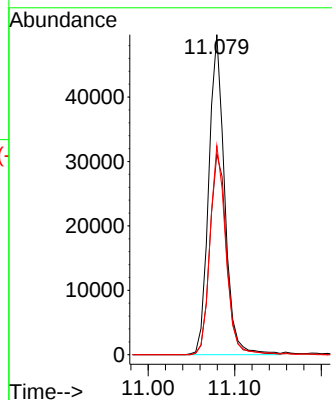
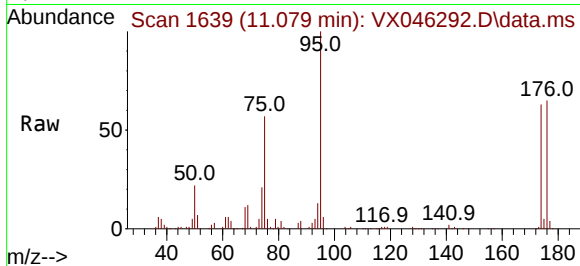




#62
4-Bromofluorobenzene
Concen: 52.039 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

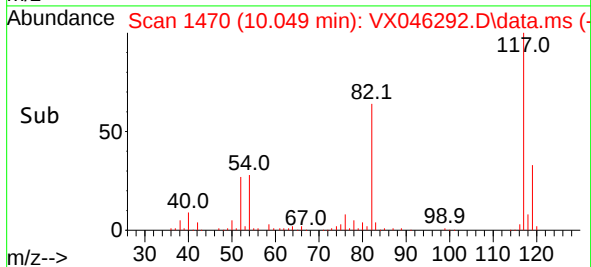
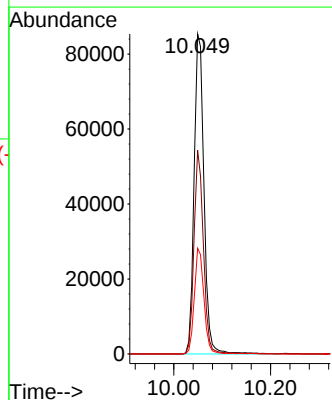
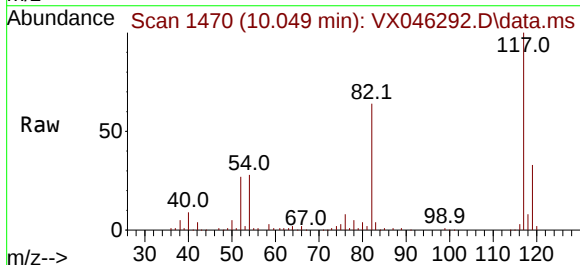
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

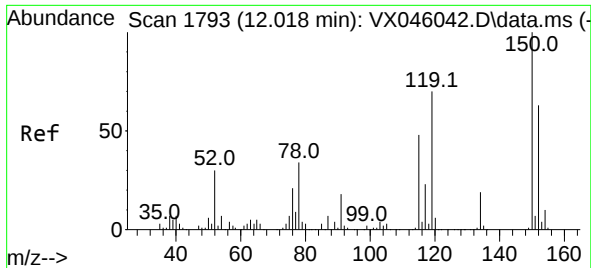
Tgt Ion: 95 Resp: 63027
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 65.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 117 Resp: 120601
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 33.0 25.8 38.6

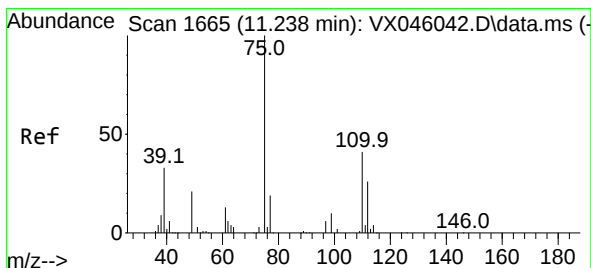
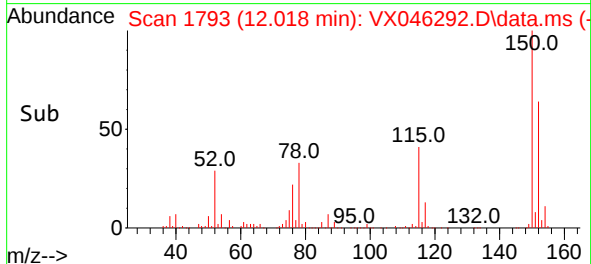
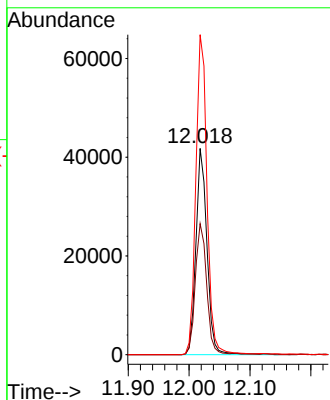
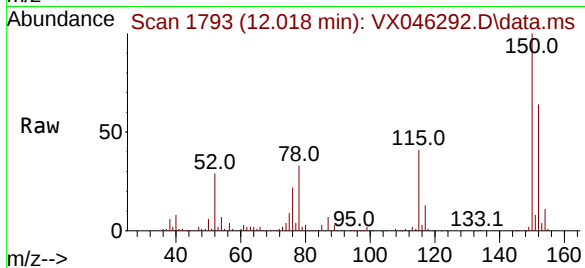




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046292.D
 Acq: 21 May 2025 13:09

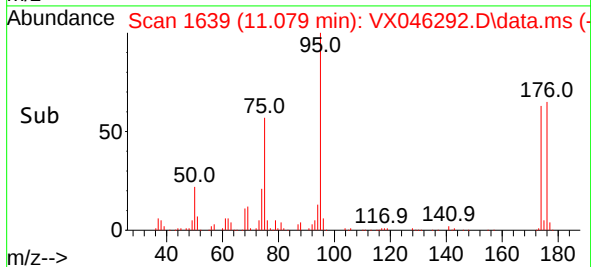
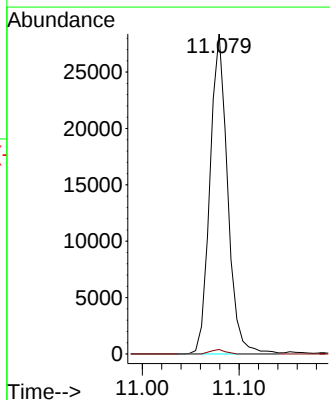
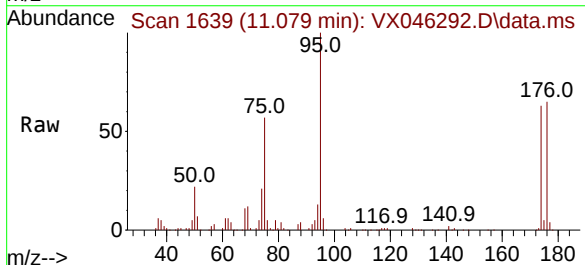
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05152025

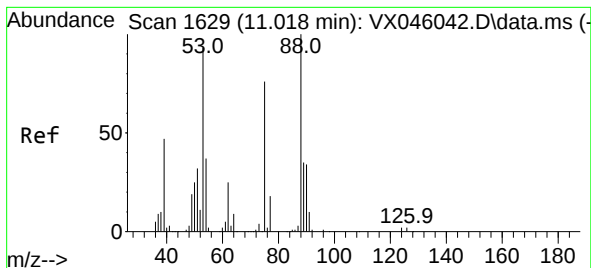
Tgt Ion:152 Resp: 52644
 Ion Ratio Lower Upper
 152 100
 115 65.9 46.9 140.7
 150 156.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.463 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046292.D
 Acq: 21 May 2025 13:09

Tgt Ion: 75 Resp: 36067
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 92.666 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX046292.D

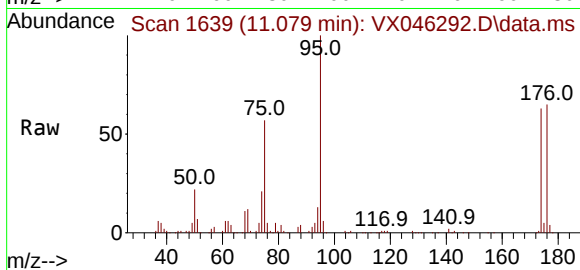
Acq: 21 May 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

FB-05152025



Tgt Ion: 75 Resp: 36067

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

