

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046031.D
 Acq On : 02 May 2025 16:35
 Operator : JC/MD
 Sample : Q1932-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Quant Time: May 02 23:19:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

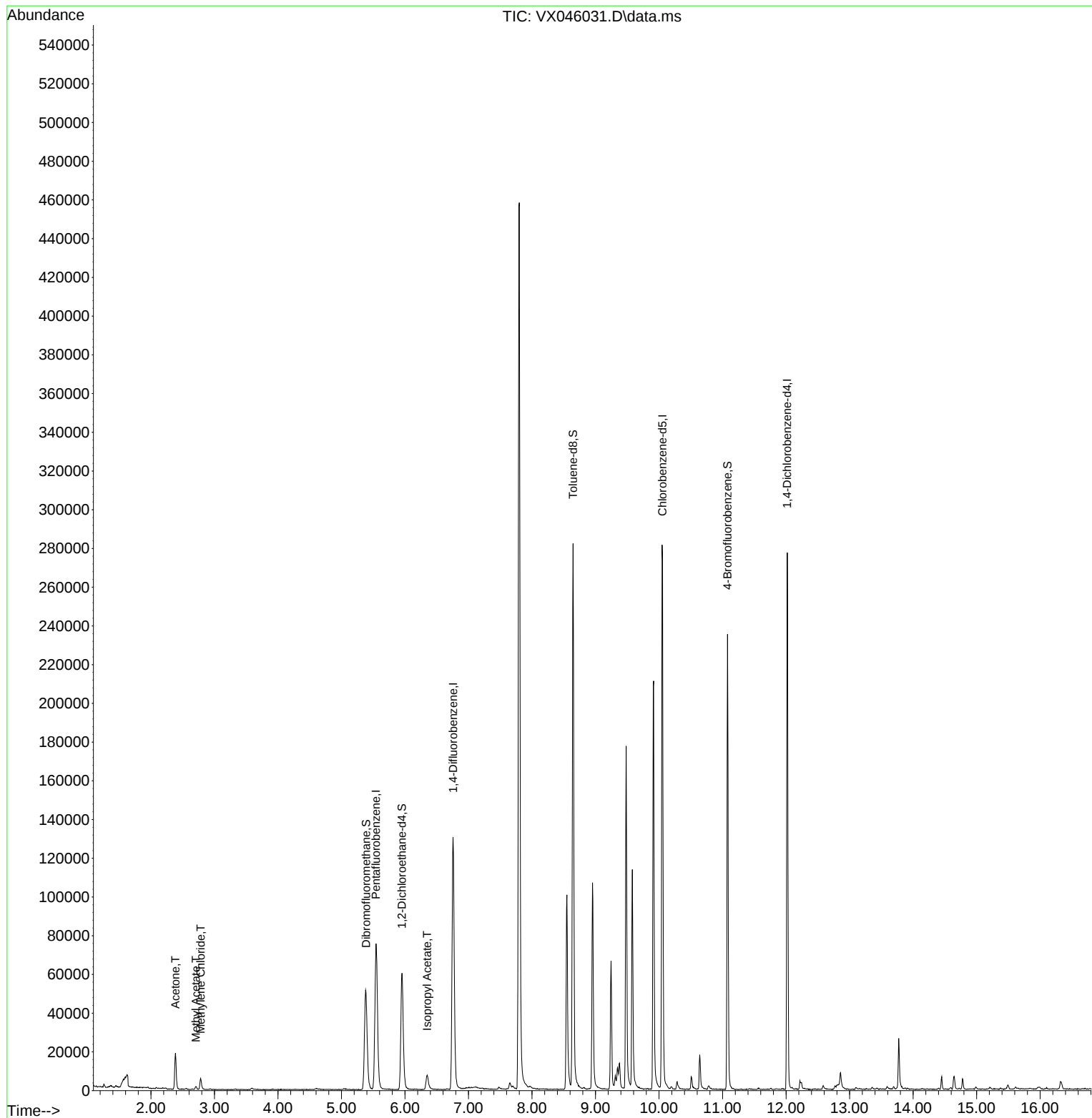
Internal Standards						
1) Pentafluorobenzene	5.544	168	64867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62242	52.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.940%
35) Dibromofluoromethane	5.385	113	44813	49.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	8.647	98	159548	50.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	61483	53.740	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.480%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20740	42.578	ug/l	93
18) Methyl Acetate	2.709	43	1897	1.691	ug/l	95
20) Methylene Chloride	2.782	84	2691	2.951	ug/l	89
43) Isopropyl Acetate	6.348	43	11274	4.858	ug/l	99

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

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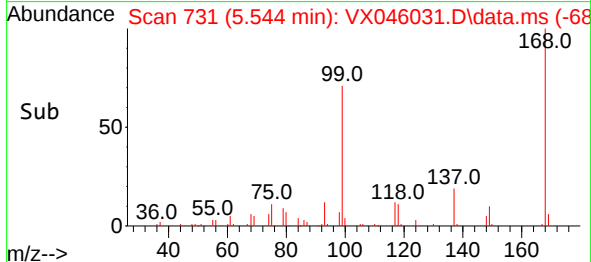
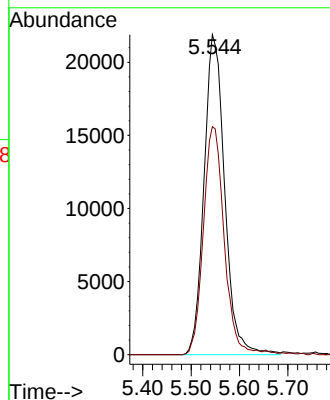
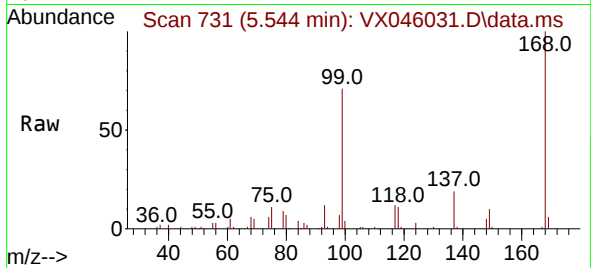




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

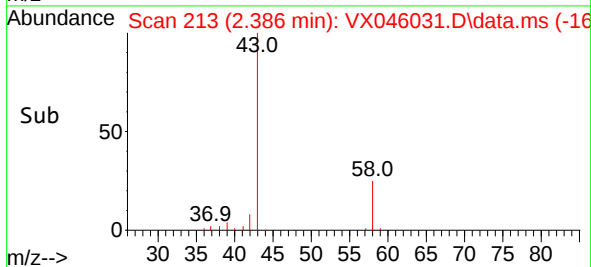
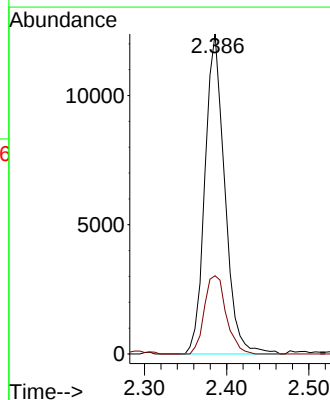
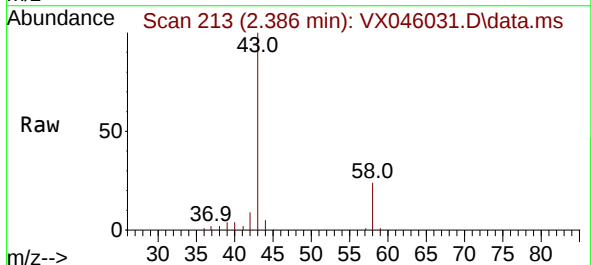
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

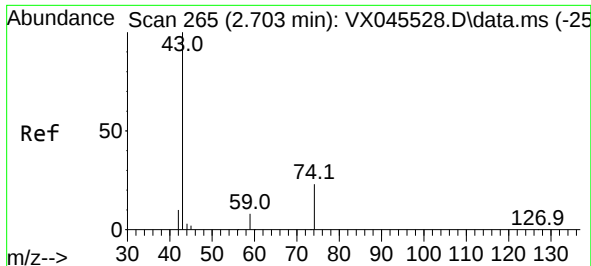
Tgt Ion:168 Resp: 64867
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#16
Acetone
Concen: 42.578 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

Tgt Ion: 43 Resp: 20740
Ion Ratio Lower Upper
43 100
58 24.5 22.3 33.5

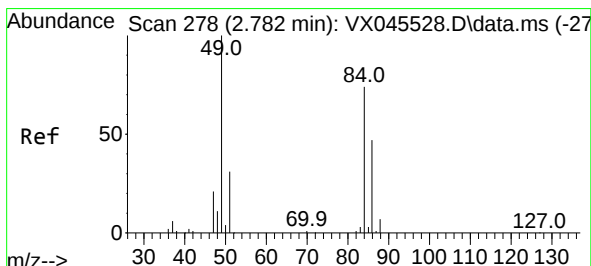
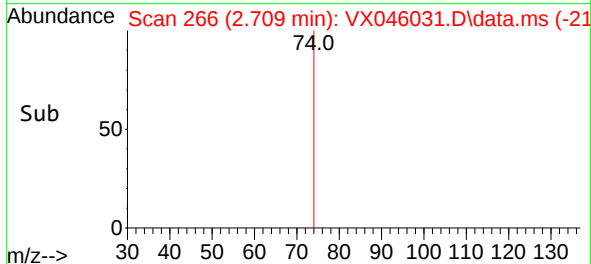
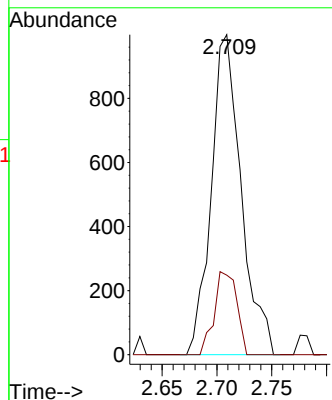
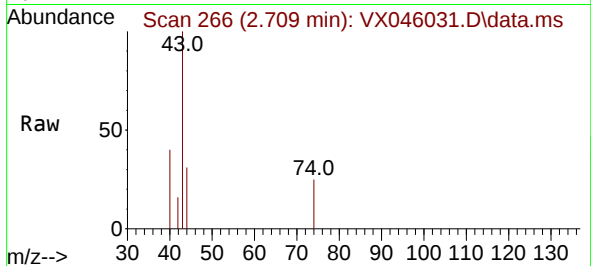




#18
Methyl Acetate
Concen: 1.691 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

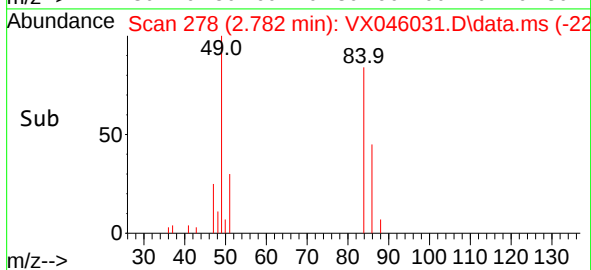
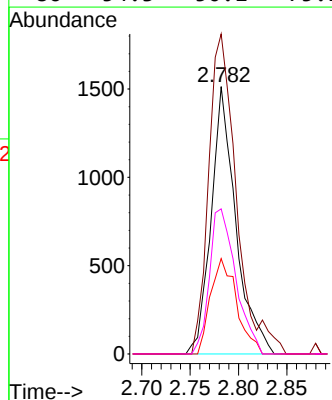
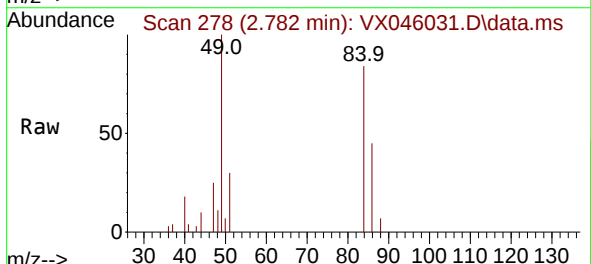
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
74 19.5 17.5 26.3



#20
Methylene Chloride
Concen: 2.951 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

Tgt Ion: 84 Resp: 2691
Ion Ratio Lower Upper
84 100
49 119.7 107.5 161.3
51 35.7 33.0 49.6
86 54.3 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 52.470 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046031.D

Acq: 02 May 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

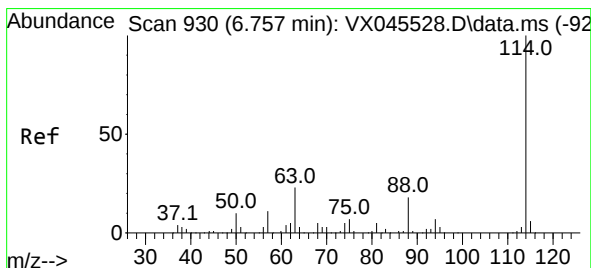
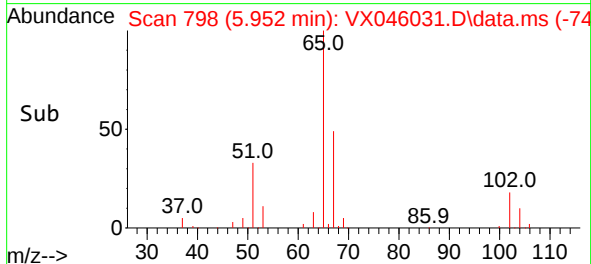
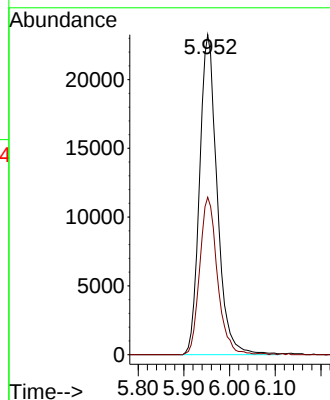
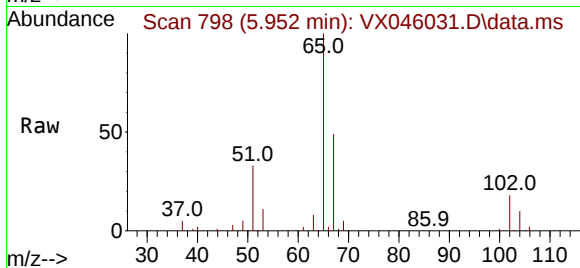
COMP-5

Tgt Ion: 65 Resp: 62242

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# 930

Delta R.T. 0.000 min

Lab File: VX046031.D

Acq: 02 May 2025 16:35

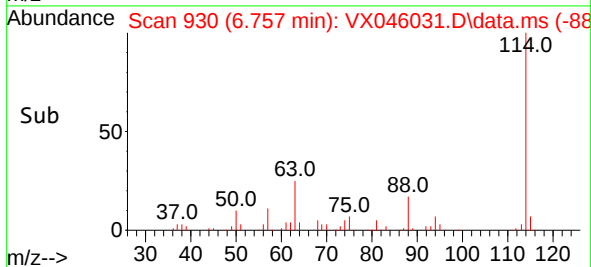
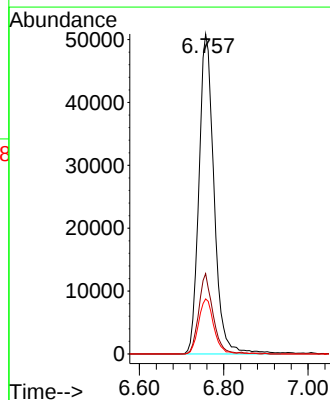
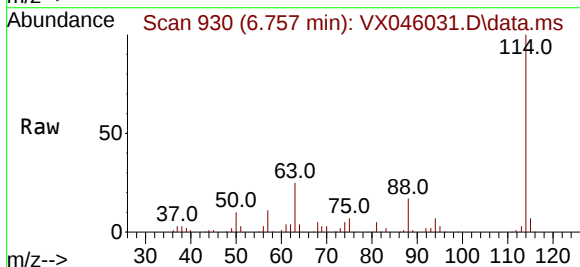
Tgt Ion: 114 Resp: 126832

Ion Ratio Lower Upper

114 100

63 25.1 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046031.D

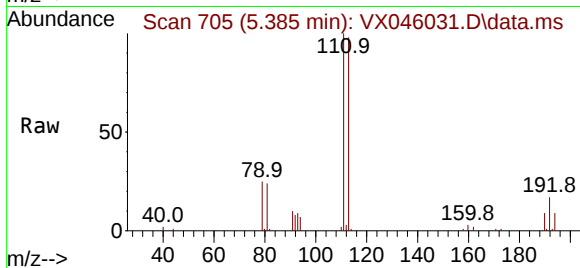
Acq: 02 May 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

COMP-5



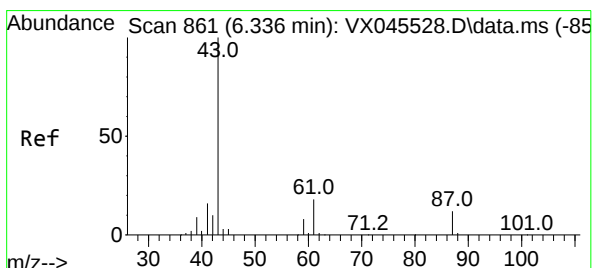
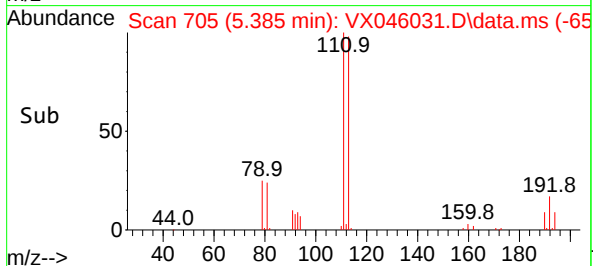
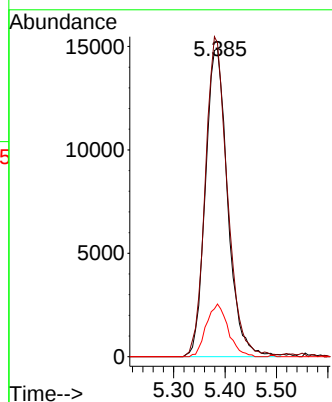
Tgt Ion:113 Resp: 44813

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 16.8 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.858 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046031.D

Acq: 02 May 2025 16:35

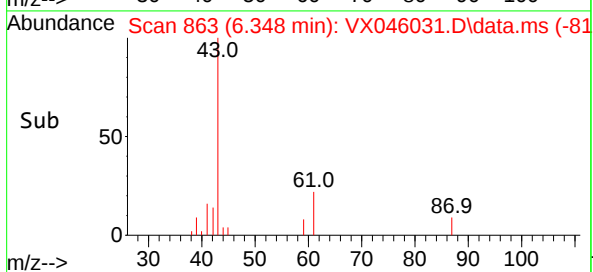
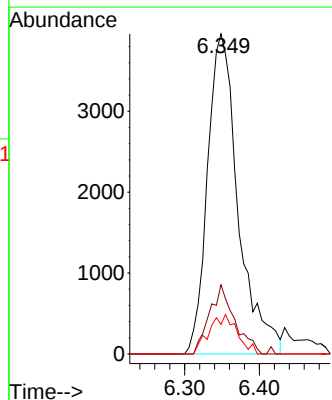
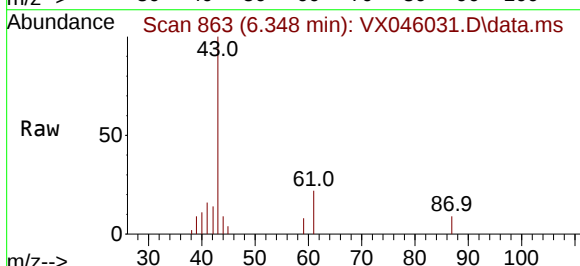
Tgt Ion: 43 Resp: 11274

Ion Ratio Lower Upper

43 100

61 17.7 14.1 21.1

87 11.1 9.2 13.8

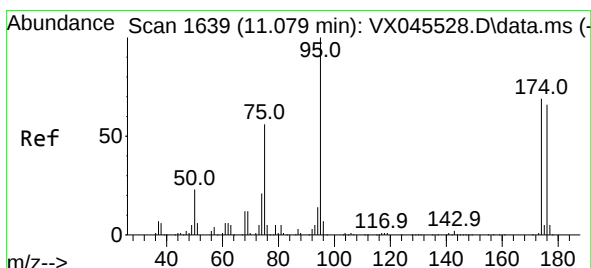
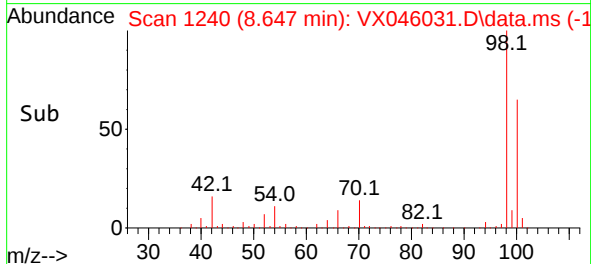
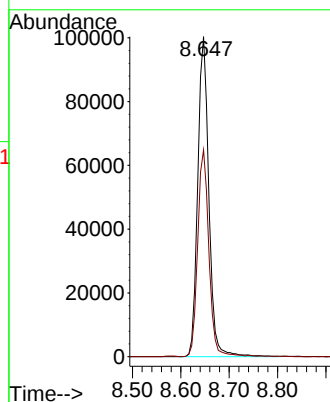
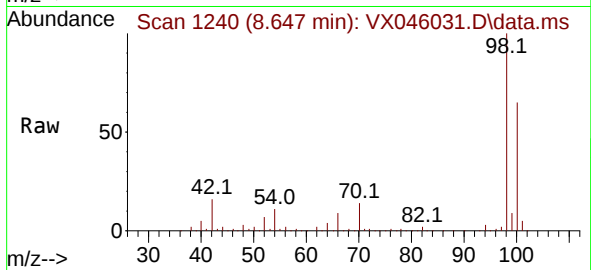




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

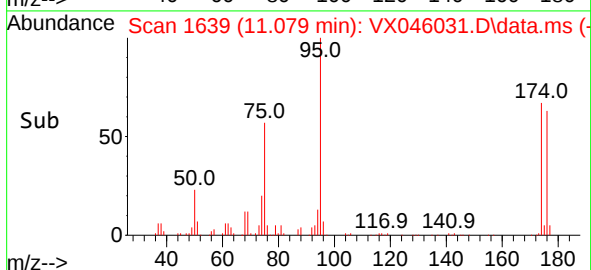
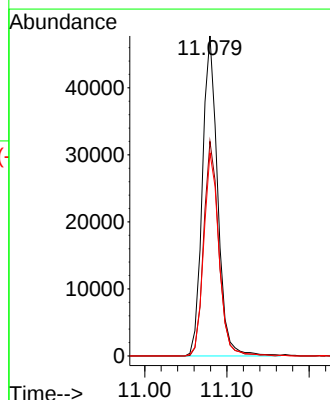
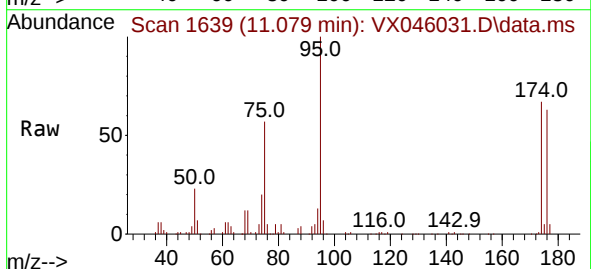
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

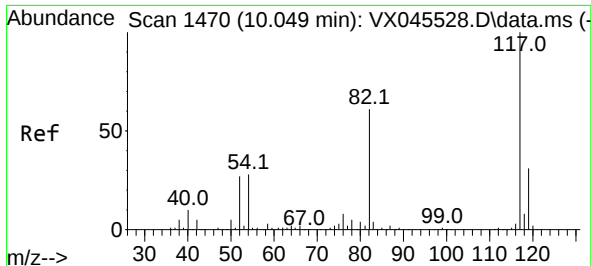
Tgt Ion: 98 Resp: 159548
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

Tgt Ion: 95 Resp: 61483
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 63.6 0.0 131.4

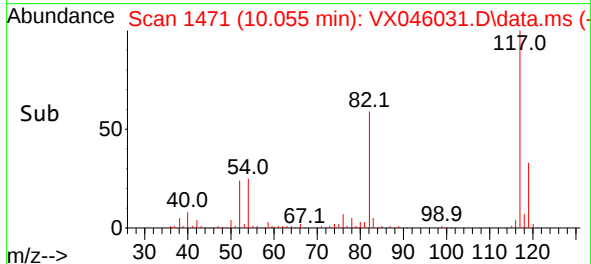
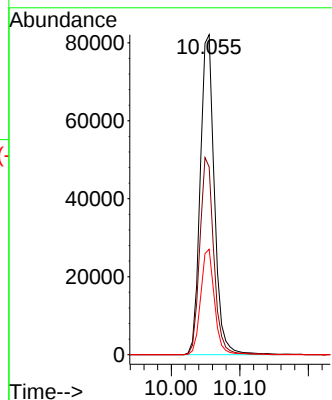
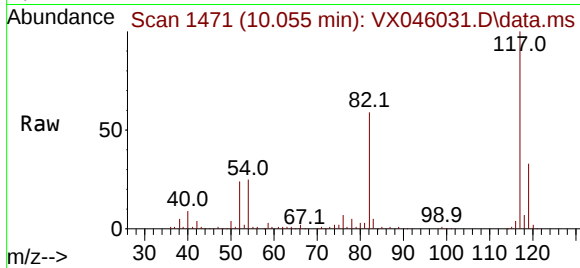




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-5

Tgt Ion:117 Resp: 118172
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046031.D
Acq: 02 May 2025 16:35

Tgt Ion:152 Resp: 51618
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 157.1 0.0 349.4

