

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046533.D
 Acq On : 06 Jun 2025 17:21
 Operator : JC/MD
 Sample : Q2194-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-13

Quant Time: Jun 06 23:23:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

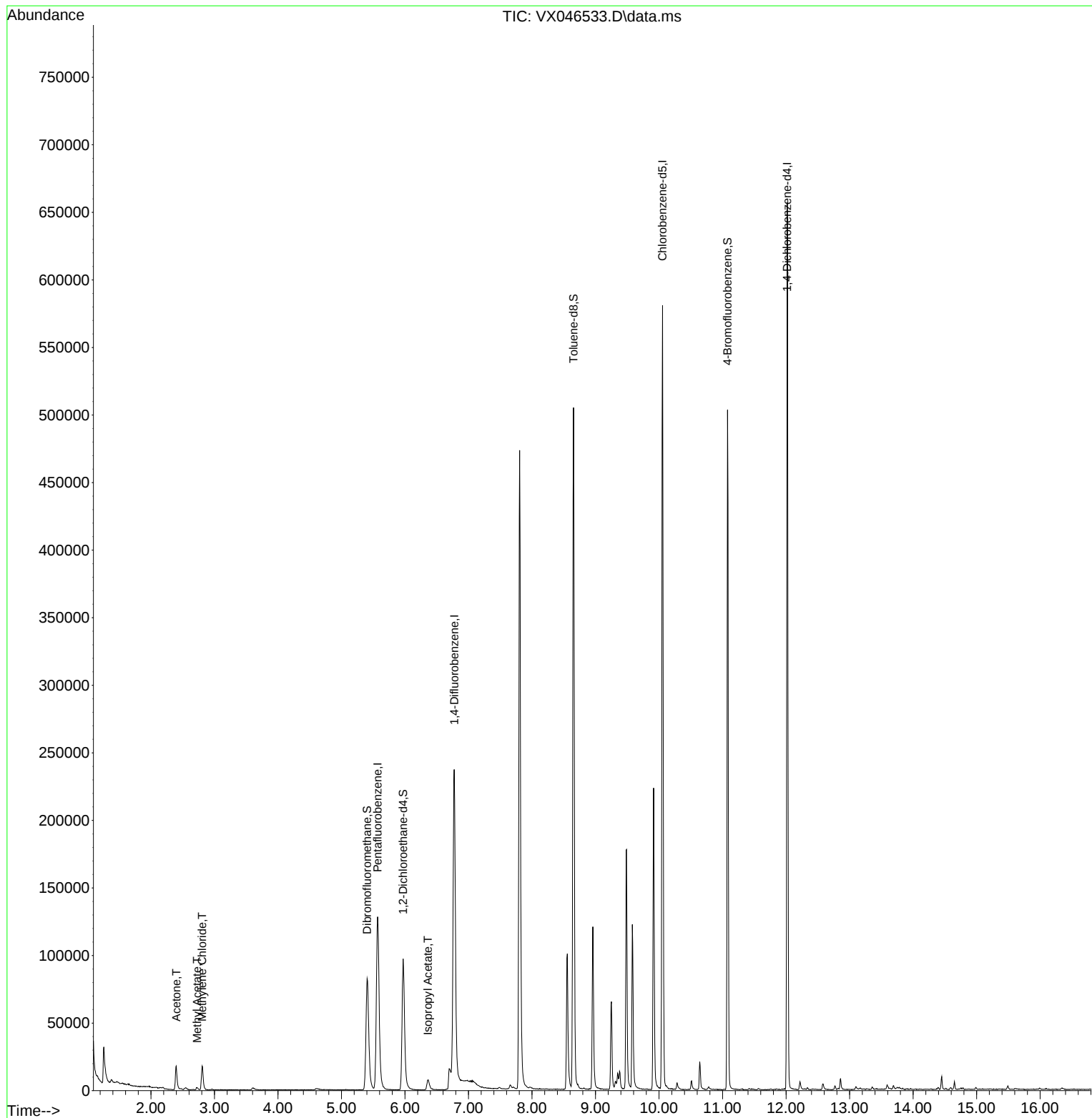
Internal Standards						
1) Pentafluorobenzene	5.568	168	119266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	232245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	104087	49.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.100%
35) Dibromofluoromethane	5.404	113	76346	44.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.400%
50) Toluene-d8	8.653	98	293745	52.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	11.079	95	132290	56.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.560%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	22598	31.217	ug/l	98
18) Methyl Acetate	2.727	43	2792	1.105	ug/l #	90
20) Methylene Chloride	2.806	84	8222	4.830	ug/l	92
43) Isopropyl Acetate	6.361	43	12187	2.936	ug/l	98

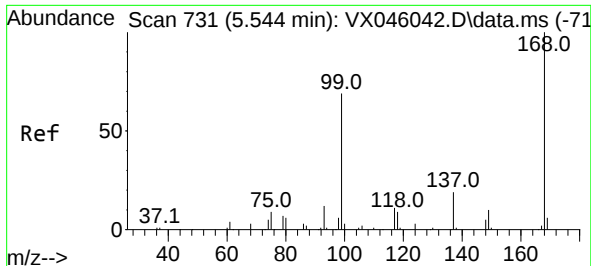
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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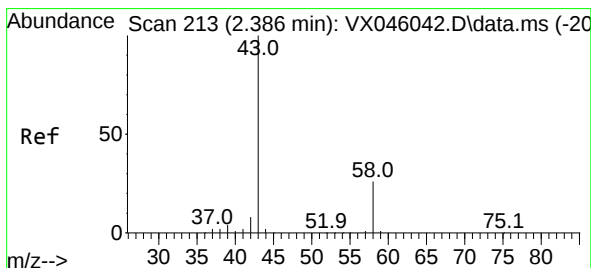
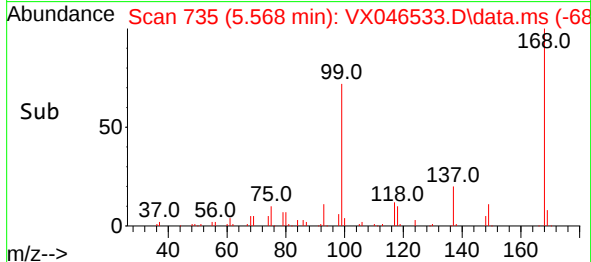
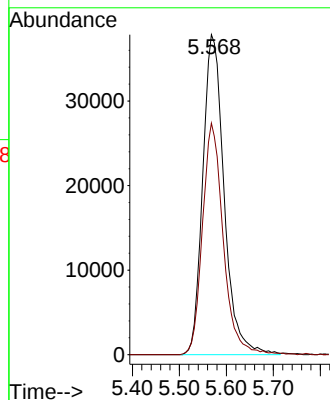
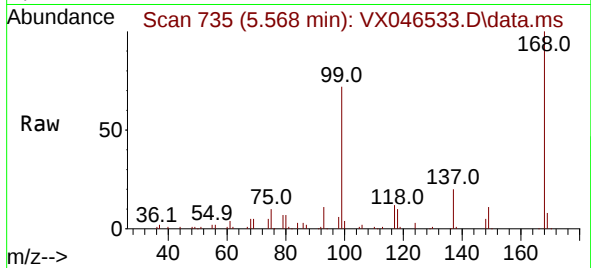




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

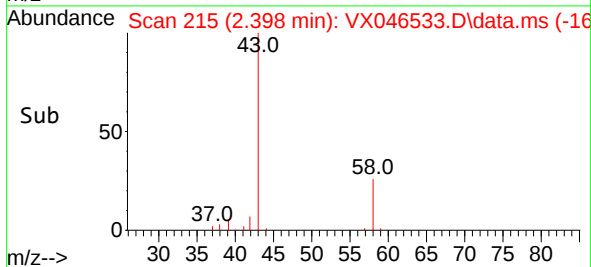
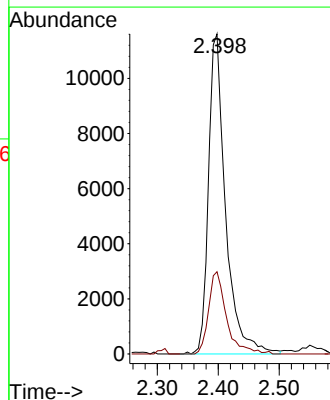
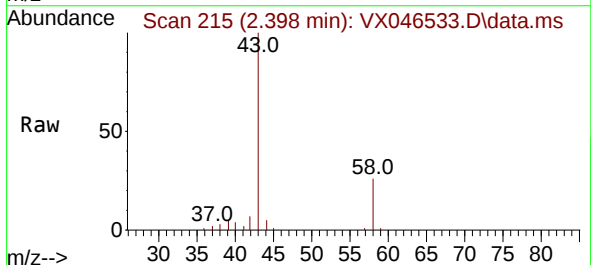
Instrument :
MSVOA_X
ClientSampleId :
COMP-13

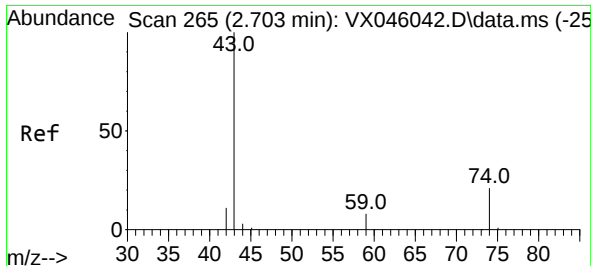
Tgt Ion:168 Resp: 119266
Ion Ratio Lower Upper
168 100
99 72.4 54.9 82.3



#16
Acetone
Concen: 31.217 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Tgt Ion: 43 Resp: 22598
Ion Ratio Lower Upper
43 100
58 25.7 21.2 31.8

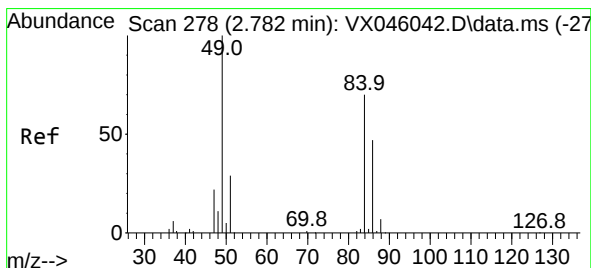
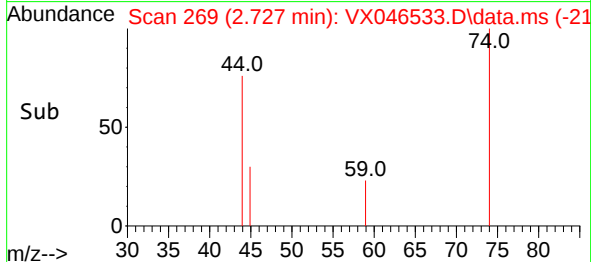
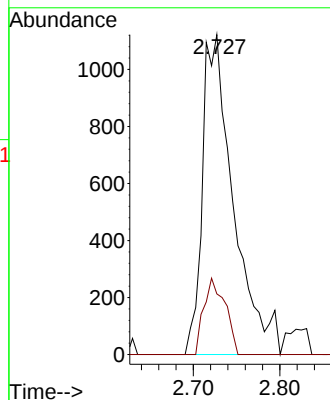
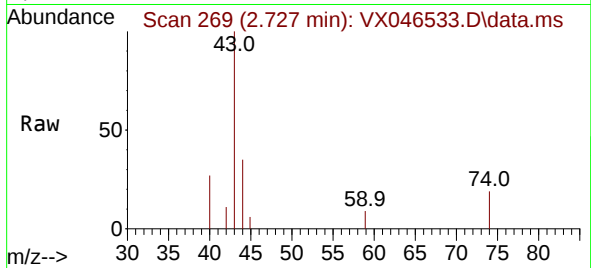




#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

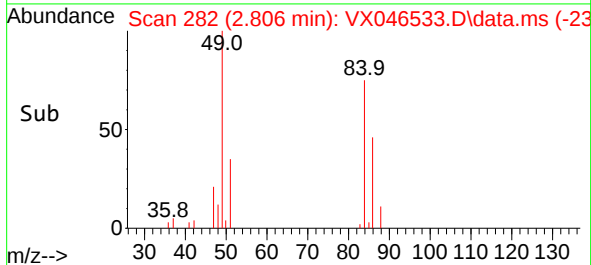
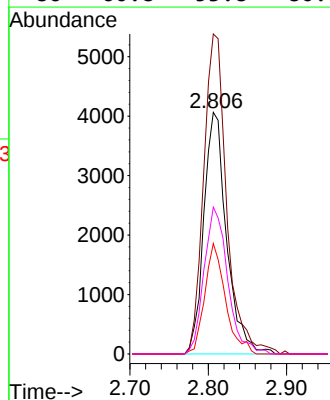
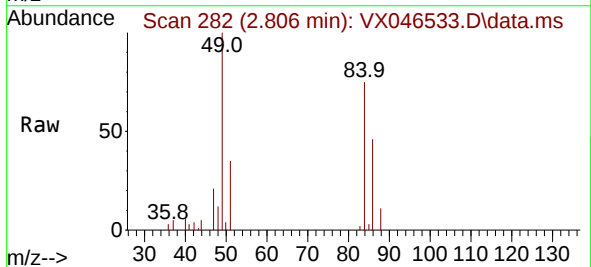
Instrument :
MSVOA_X
ClientSampleId :
COMP-13

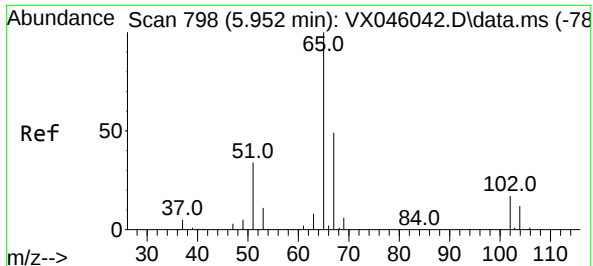
Tgt Ion: 43 Resp: 2792
Ion Ratio Lower Upper
43 100
74 16.4 16.7 25.1#



#20
Methylene Chloride
Concen: 4.830 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Tgt Ion: 84 Resp: 8222
Ion Ratio Lower Upper
84 100
49 132.5 113.9 170.9
51 45.7 33.5 50.3
86 60.8 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 49.055 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046533.D

Acq: 06 Jun 2025 17:21

Instrument :

MSVOA_X

ClientSampleId :

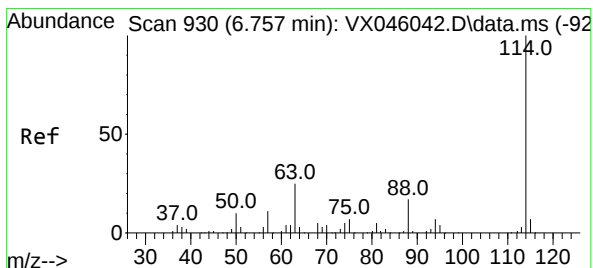
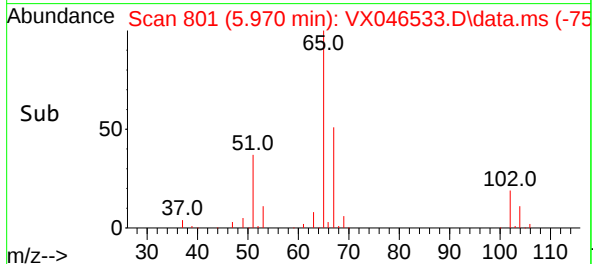
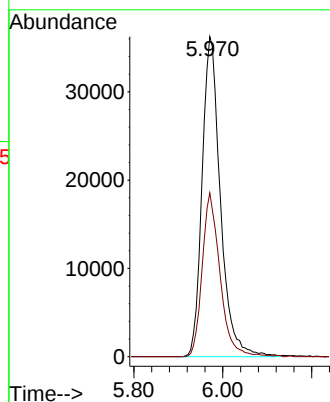
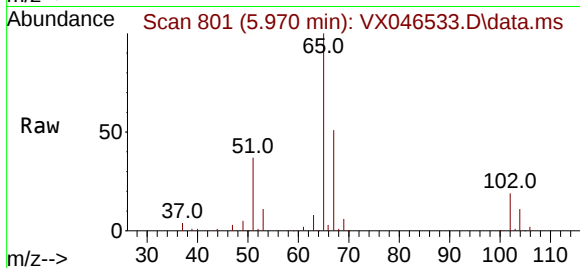
COMP-13

Tgt Ion: 65 Resp: 104087

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046533.D

Acq: 06 Jun 2025 17:21

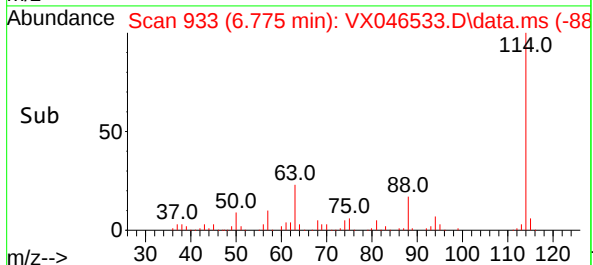
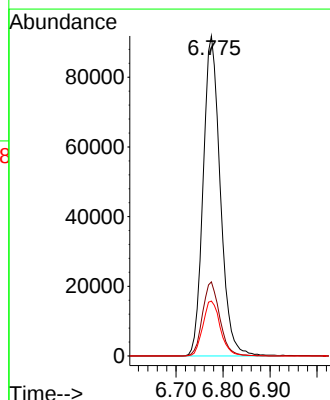
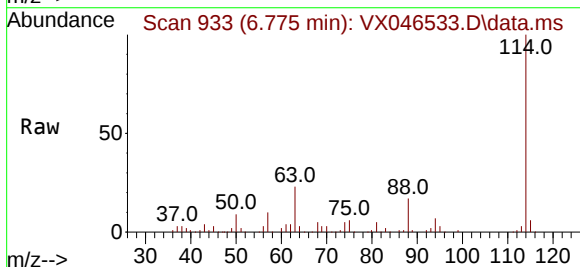
Tgt Ion: 114 Resp: 232245

Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.2

88 17.1 0.0 33.6

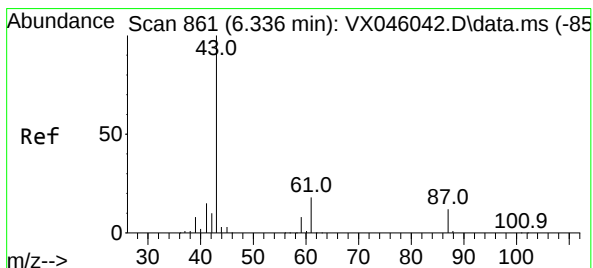
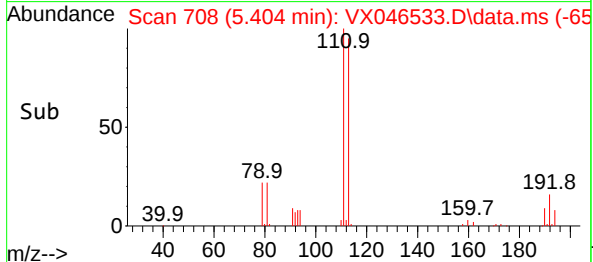
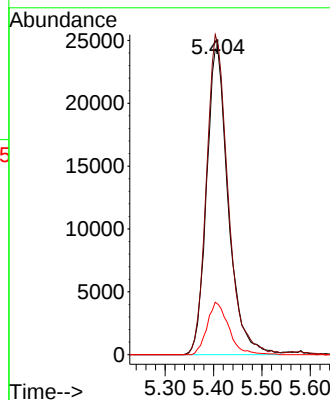
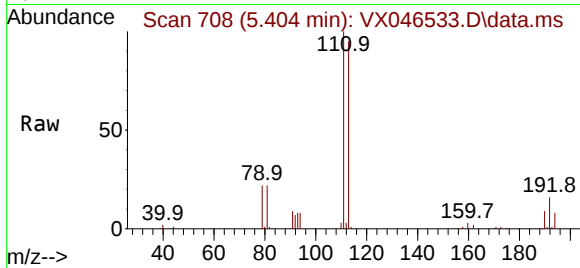




#35
Dibromofluoromethane
Concen: 44.701 ug/l
RT: 5.404 min Scan# 704
Delta R.T. 0.001 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

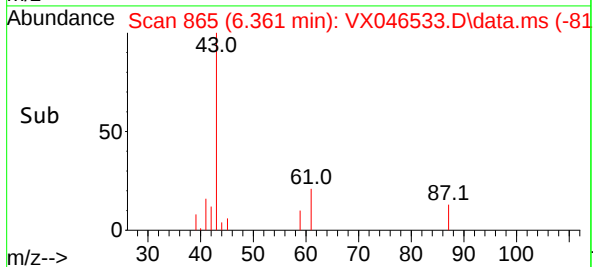
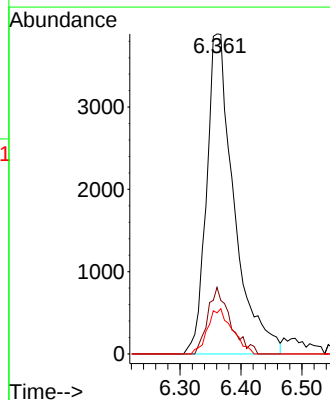
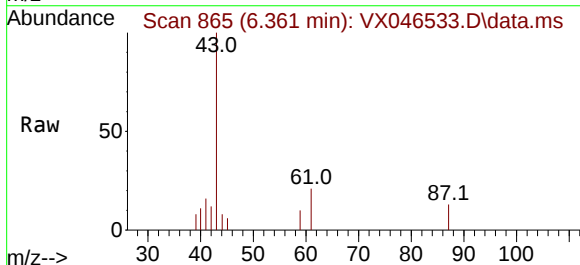
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COMP-13

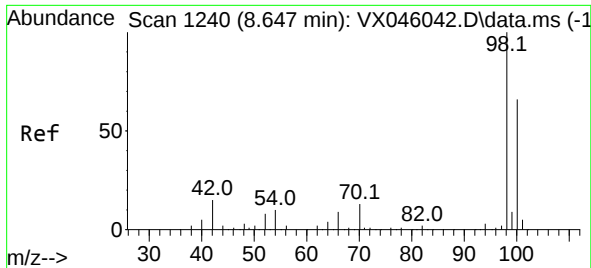
Tgt Ion:113 Resp: 76346
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.0 13.3 19.9



#43
Isopropyl Acetate
Concen: 2.936 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Tgt Ion: 43 Resp: 12187
Ion Ratio Lower Upper
43 100
61 17.1 14.3 21.5
87 12.7 9.5 14.3

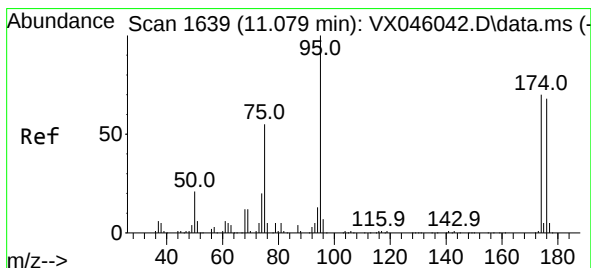
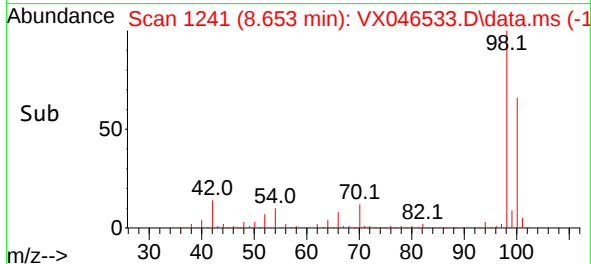
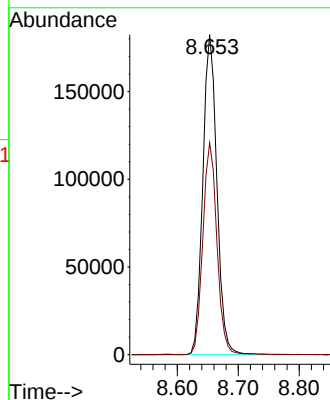
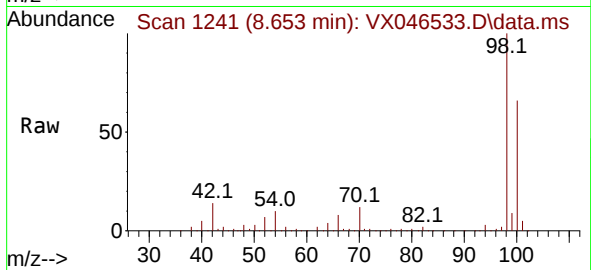




#50
Toluene-d8
Concen: 52.167 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

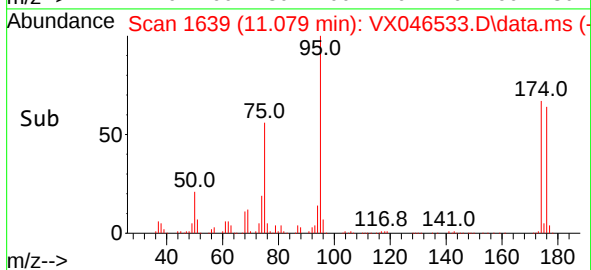
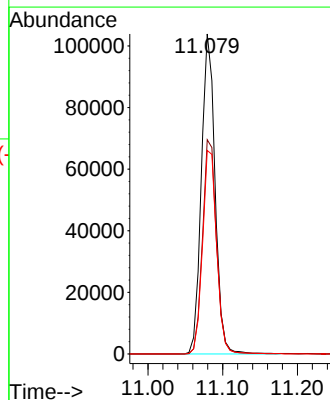
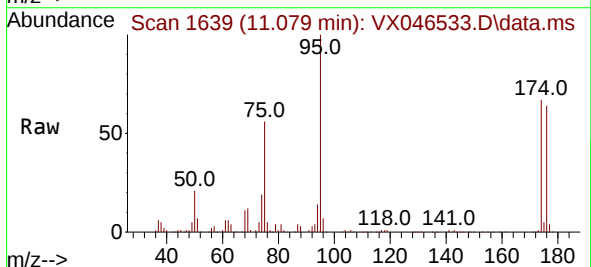
Instrument :
MSVOA_X
ClientSampleId :
COMP-13

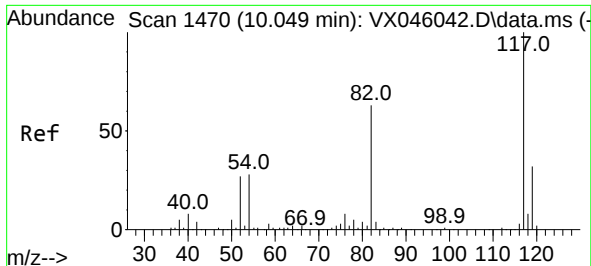
Tgt Ion: 98 Resp: 293745
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Tgt Ion: 95 Resp: 132290
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.5 0.0 131.4

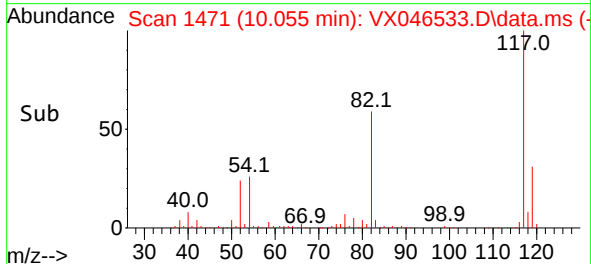
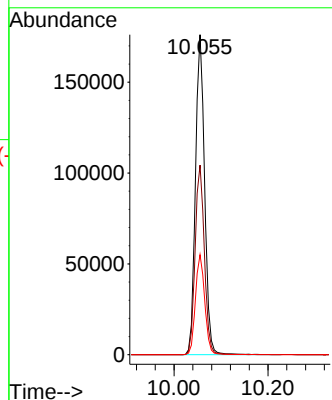
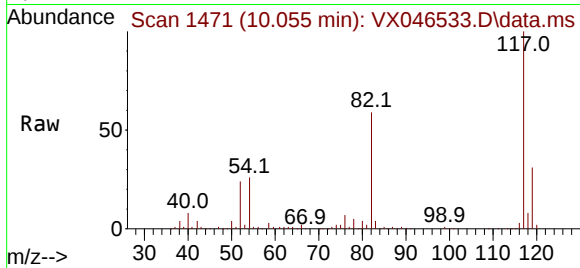




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
COMP-13

Tgt Ion:117 Resp: 239760
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046533.D
Acq: 06 Jun 2025 17:21

Tgt Ion:152 Resp: 123229
Ion Ratio Lower Upper
152 100
115 64.3 46.9 140.7
150 155.5 0.0 351.0

