

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046532.D
 Acq On : 06 Jun 2025 16:58
 Operator : JC/MD
 Sample : Q2194-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-12

Quant Time: Jun 06 23:22:53 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)

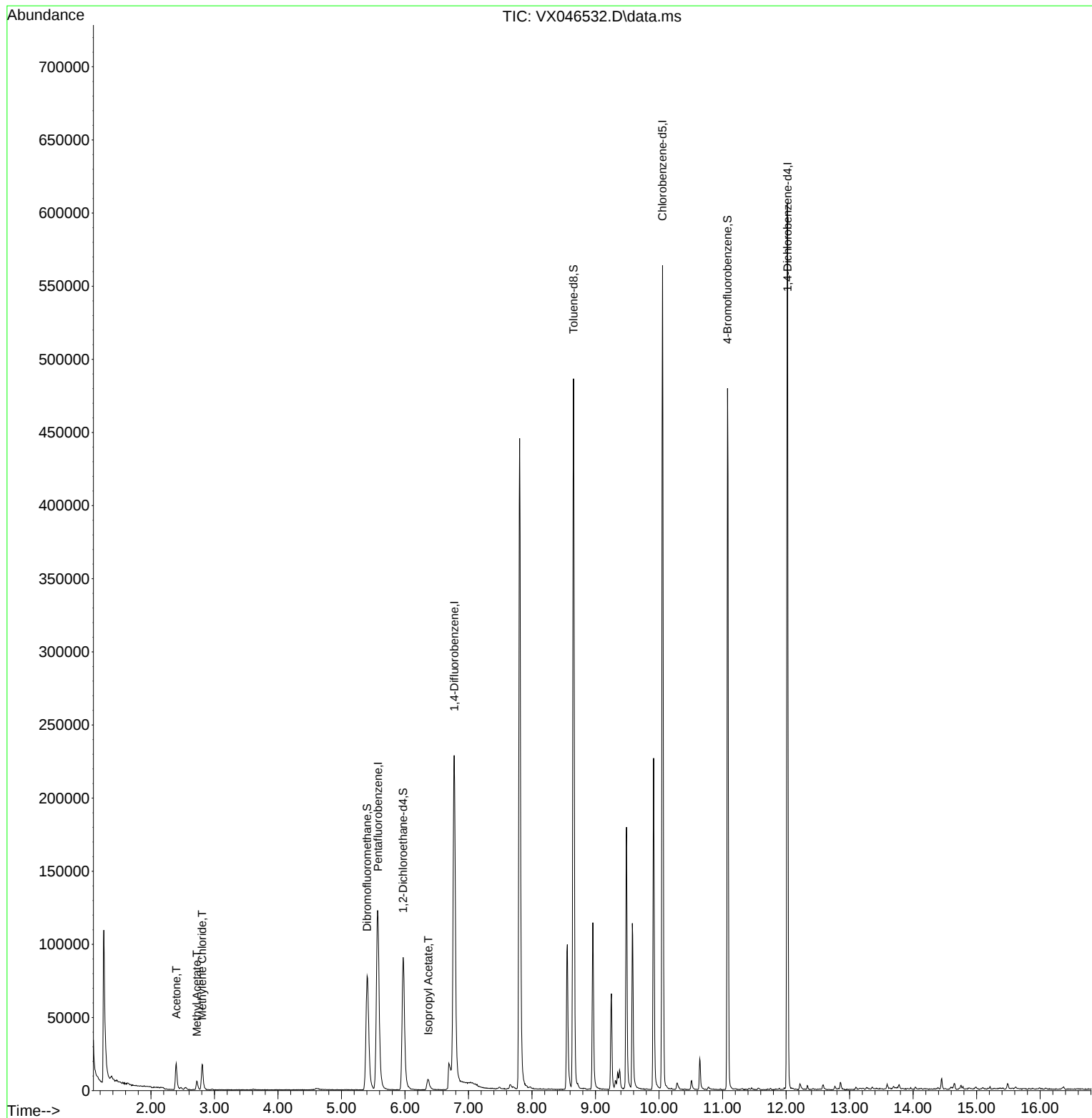
Internal Standards						
1) Pentafluorobenzene	5.574	168	115219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	223930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	97864	47.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	5.403	113	73967	44.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.840%
50) Toluene-d8	8.653	98	283805	52.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.540%
62) 4-Bromofluorobenzene	11.079	95	129370	57.592	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.180%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	22950	32.581	ug/l	98
18) Methyl Acetate	2.721	43	7872	3.224	ug/l	98
20) Methylene Chloride	2.806	84	8052	4.896	ug/l	98
43) Isopropyl Acetate	6.367	43	12333	3.081	ug/l	98

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

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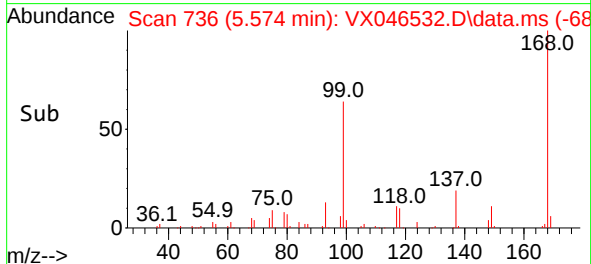
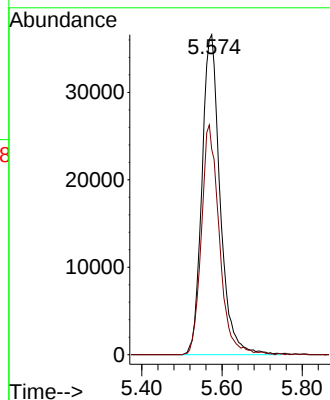
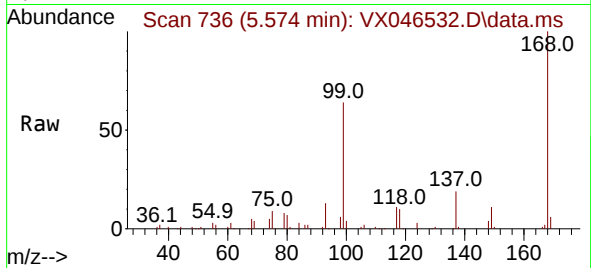




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

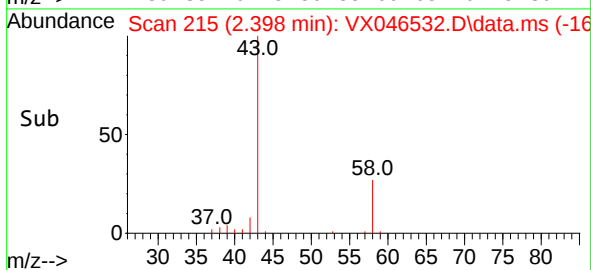
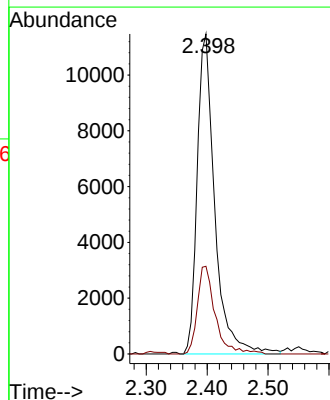
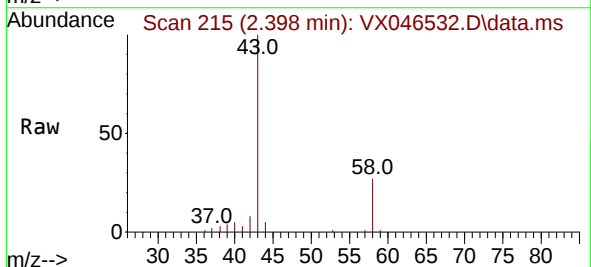
Instrument :
MSVOA_X
ClientSampleId :
COMP-12

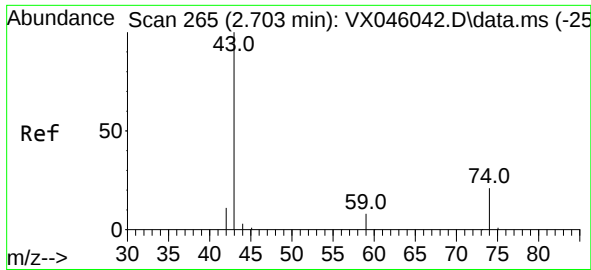
Tgt Ion:168 Resp: 115219
Ion Ratio Lower Upper
168 100
99 64.2 54.9 82.3



#16
Acetone
Concen: 32.581 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

Tgt Ion: 43 Resp: 22950
Ion Ratio Lower Upper
43 100
58 27.4 21.2 31.8

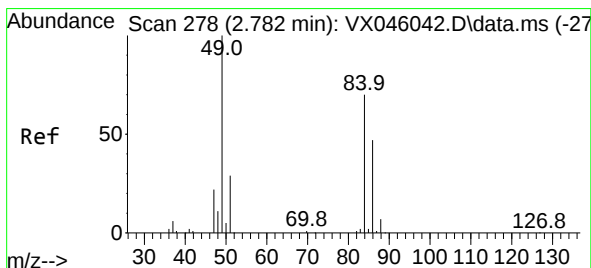
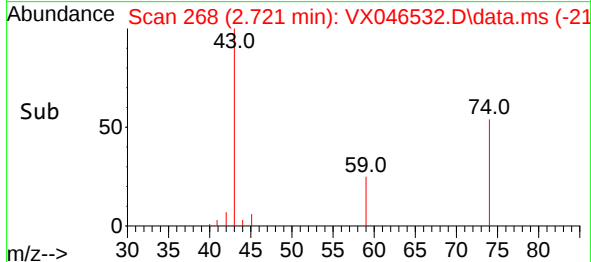
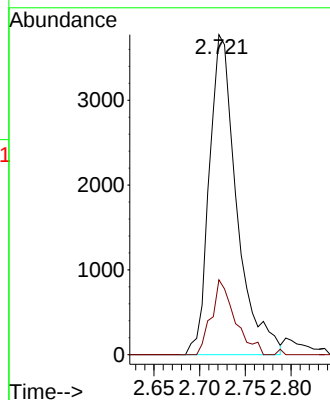
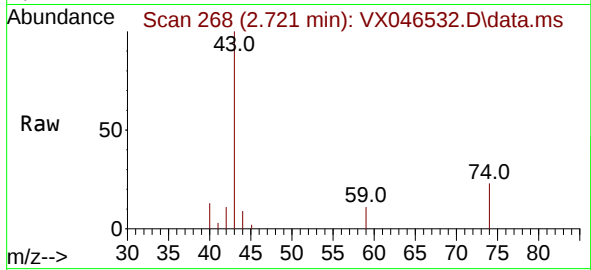




#18
Methyl Acetate
Concen: 3.224 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

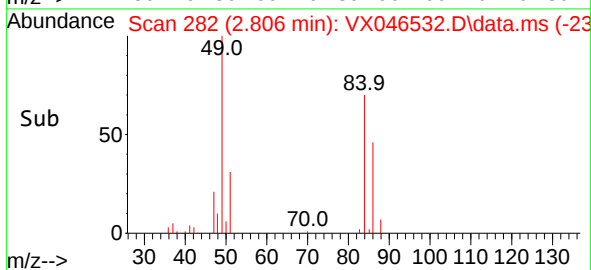
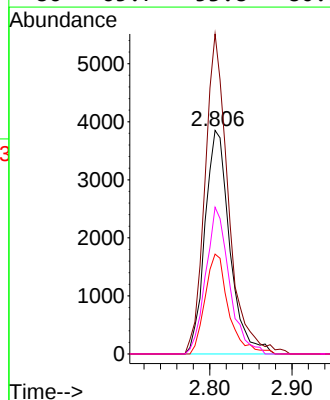
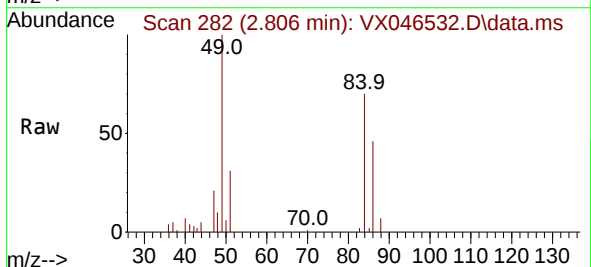
Instrument :
MSVOA_X
ClientSampleId :
COMP-12

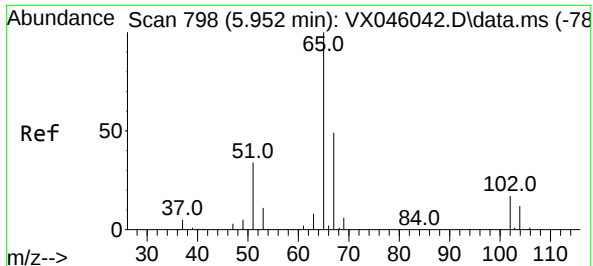
Tgt Ion: 43 Resp: 7872
Ion Ratio Lower Upper
43 100
74 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 4.896 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

Tgt Ion: 84 Resp: 8052
Ion Ratio Lower Upper
84 100
49 143.2 113.9 170.9
51 44.7 33.5 50.3
86 65.7 53.8 80.8

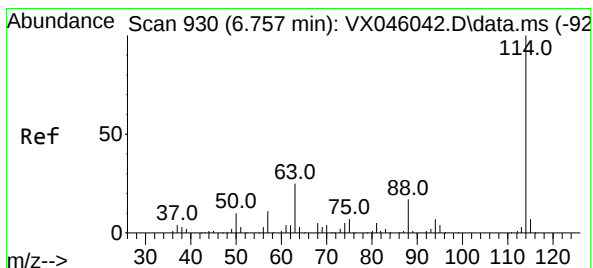
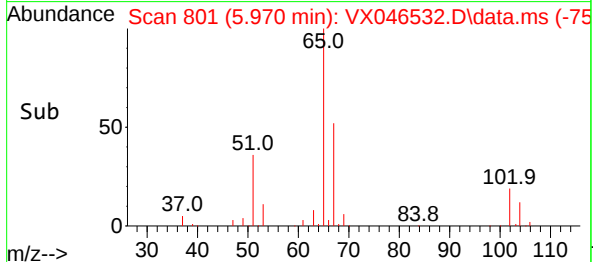
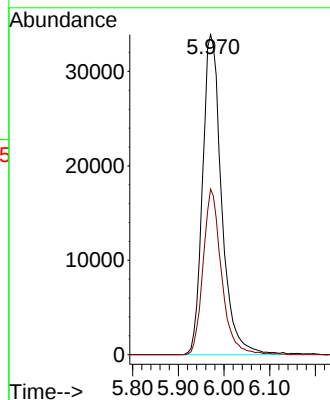
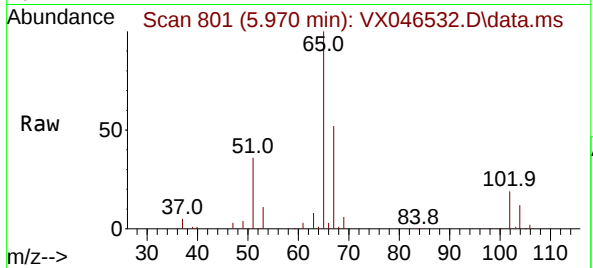




#33
 1,2-Dichloroethane-d4
 Concen: 47.742 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046532.D
 Acq: 06 Jun 2025 16:58

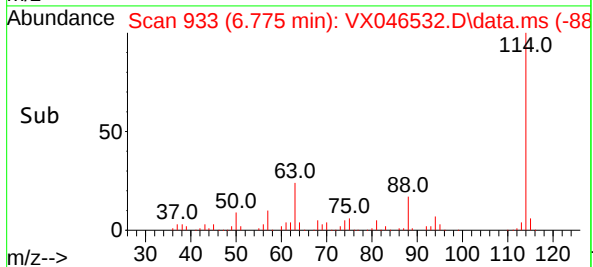
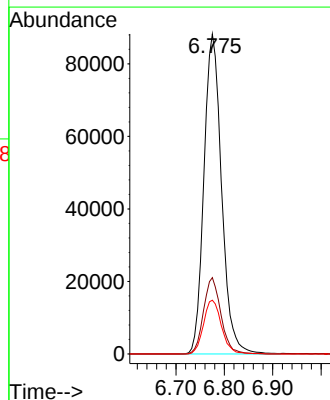
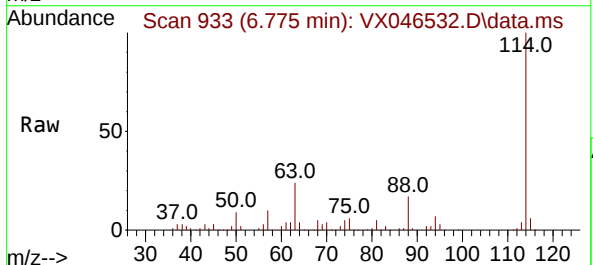
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-12

Tgt Ion: 65 Resp: 97864
 Ion Ratio Lower Upper
 65 100
 67 50.0 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: VX046532.D
 Acq: 06 Jun 2025 16:58

Tgt Ion: 114 Resp: 223930
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 44.916 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046532.D

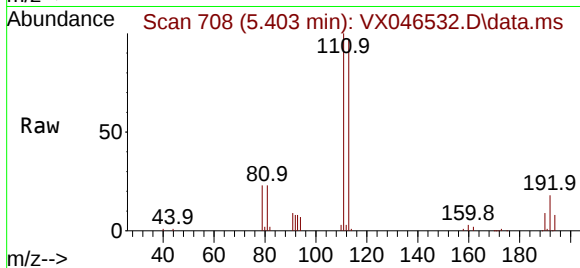
Acq: 06 Jun 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

COMP-12



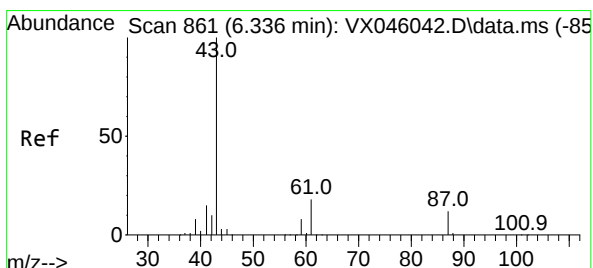
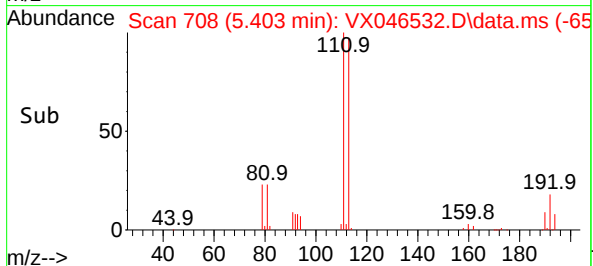
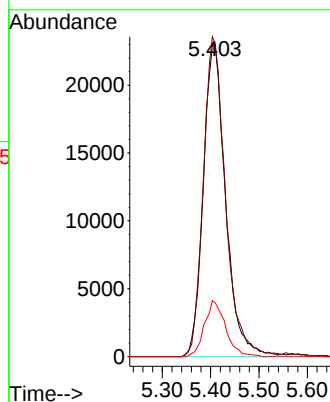
Tgt Ion:113 Resp: 73967

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

192 17.0 13.3 19.9



#43

Isopropyl Acetate

Concen: 3.081 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.013 min

Lab File: VX046532.D

Acq: 06 Jun 2025 16:58

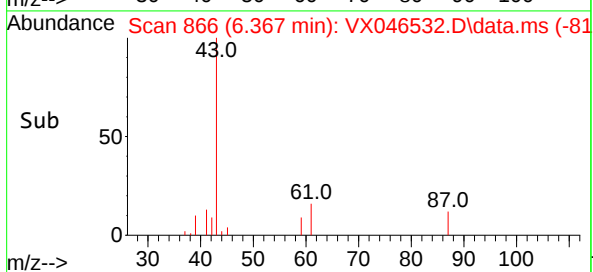
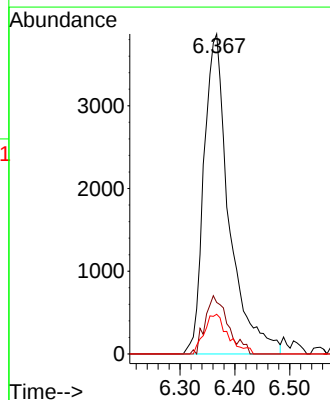
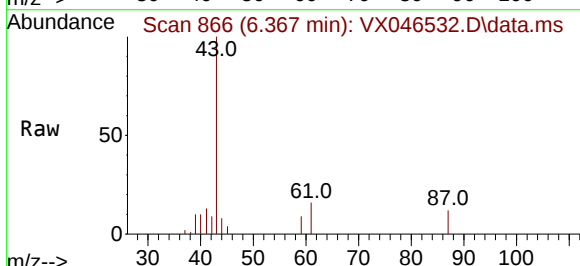
Tgt Ion: 43 Resp: 12333

Ion Ratio Lower Upper

43 100

61 16.4 14.3 21.5

87 11.7 9.5 14.3

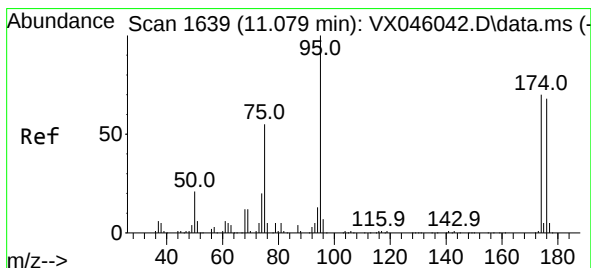
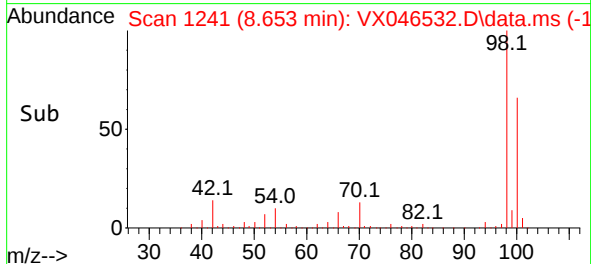
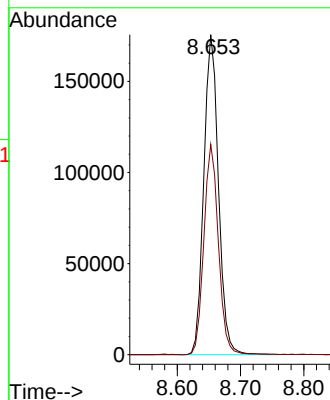
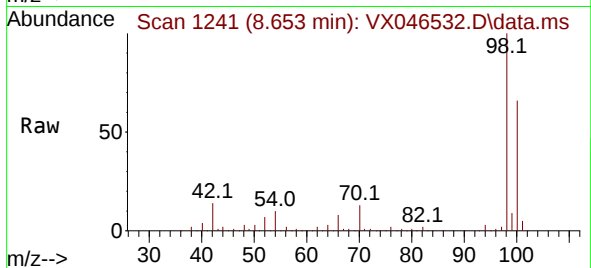




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

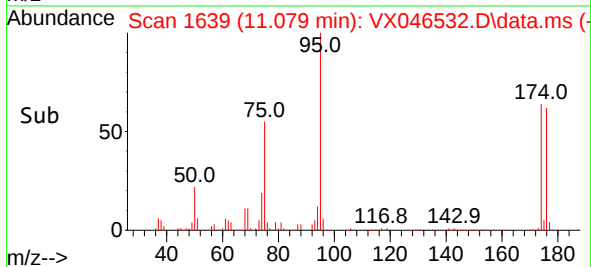
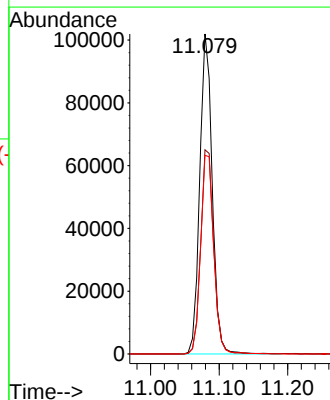
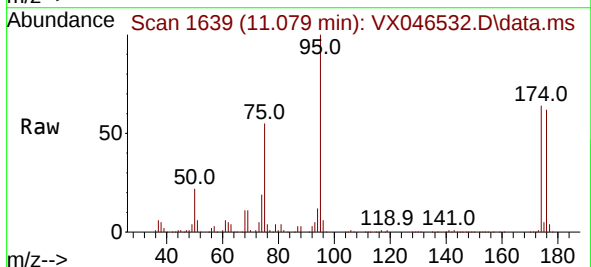
Instrument :
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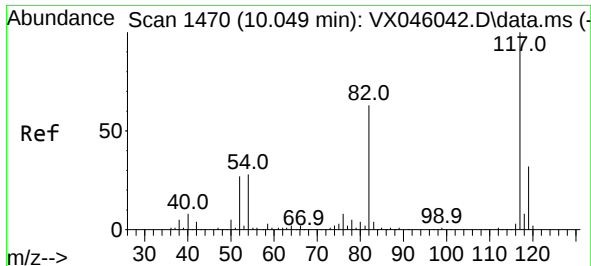
Tgt Ion: 98 Resp: 283805
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 57.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

Tgt Ion: 95 Resp: 129370
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 65.3 0.0 131.4

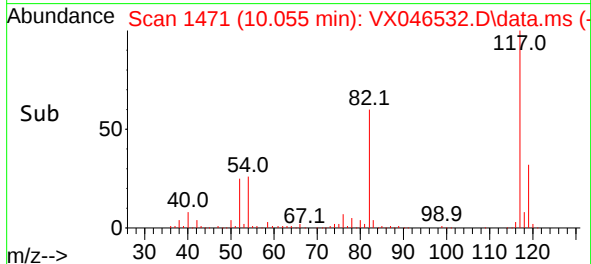
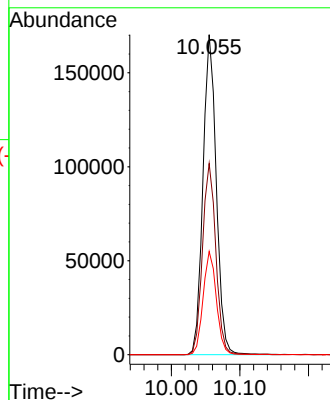
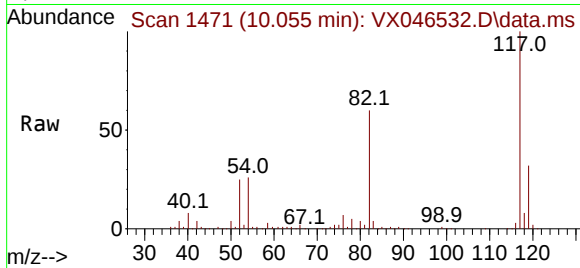




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

Instrument :
MSVOA_X
ClientSampleId :
COMP-12

Tgt Ion:117 Resp: 230849
Ion Ratio Lower Upper
117 100
82 59.7 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046532.D
Acq: 06 Jun 2025 16:58

Tgt Ion:152 Resp: 119182
Ion Ratio Lower Upper
152 100
115 64.2 46.9 140.7
150 154.3 0.0 351.0

