

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046697.D
 Acq On : 13 Jun 2025 18:07
 Operator : JC/MD
 Sample : Q2297-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jun 13 23:34:18 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)

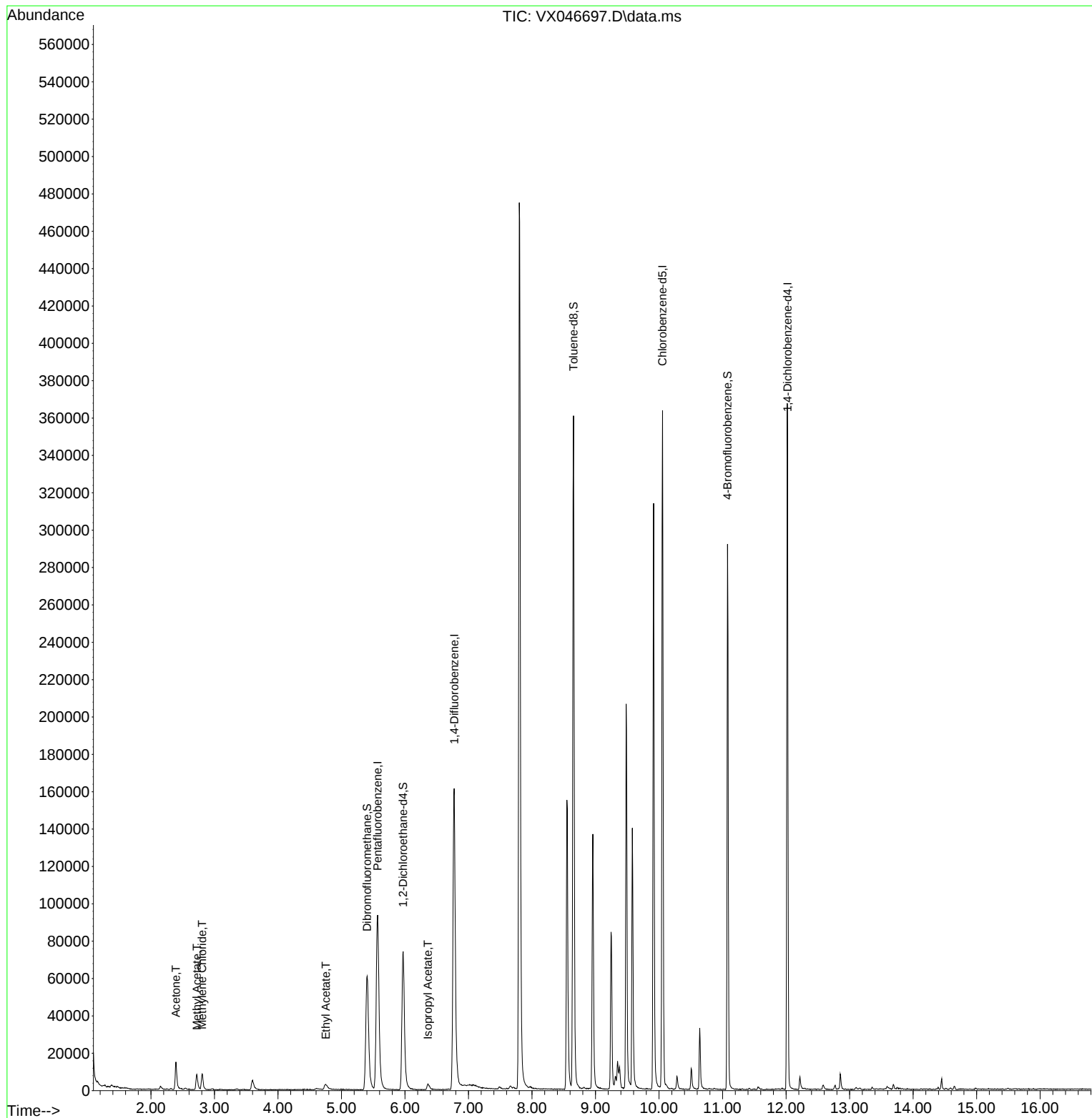
Internal Standards						
1) Pentafluorobenzene	5.568	168	89762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	166230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	78825	49.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	5.403	113	58710	48.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.653	98	208464	51.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	78986	47.368	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.740%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	18423	33.432	ug/l	96
18) Methyl Acetate	2.721	43	11483	6.037	ug/l	98
20) Methylene Chloride	2.806	84	4132	3.225	ug/l	82
37) Ethyl Acetate	4.751	43	5943	3.487	ug/l #	91
43) Isopropyl Acetate	6.361	43	4848	1.632	ug/l	97

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

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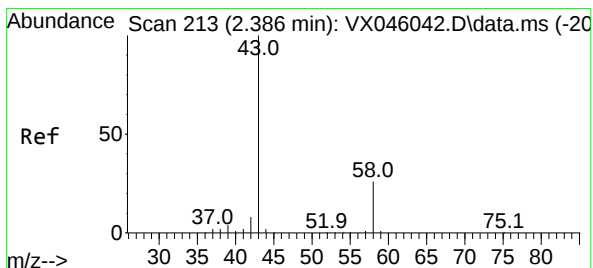
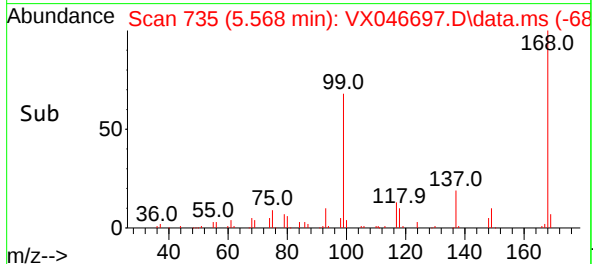
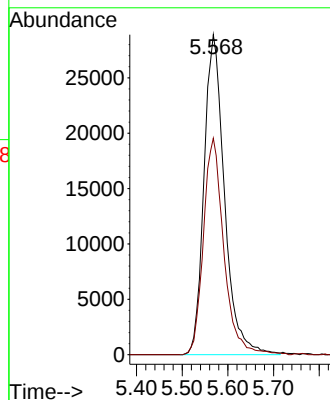
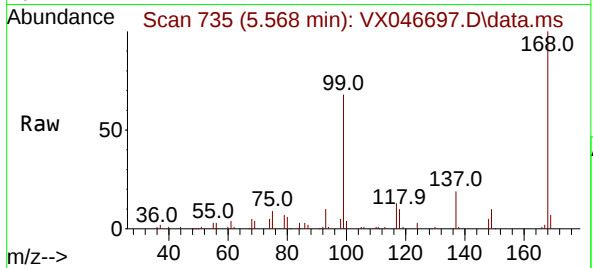




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

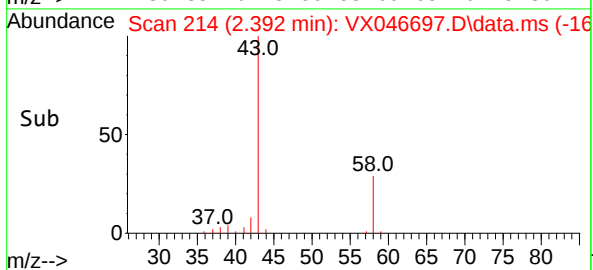
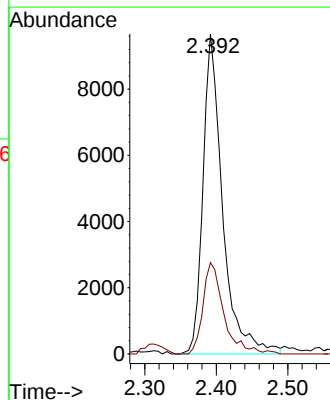
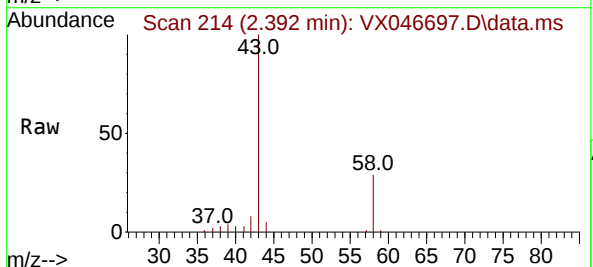
Instrument :
MSVOA_X
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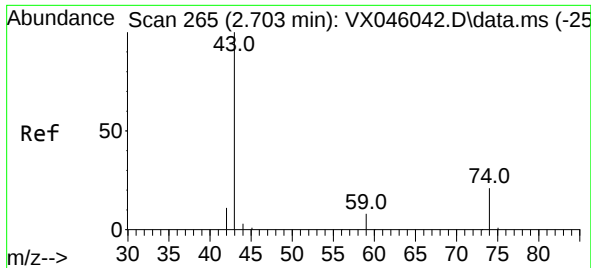
Tgt Ion:168 Resp: 89762
Ion Ratio Lower Upper
168 100
99 67.6 54.9 82.3



#16
Acetone
Concen: 33.432 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

Tgt Ion: 43 Resp: 18423
Ion Ratio Lower Upper
43 100
58 28.6 21.2 31.8

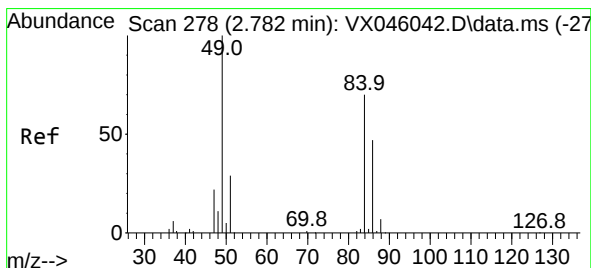
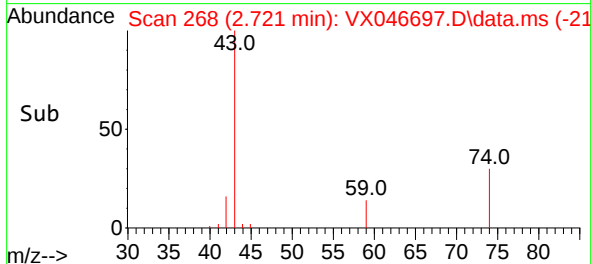
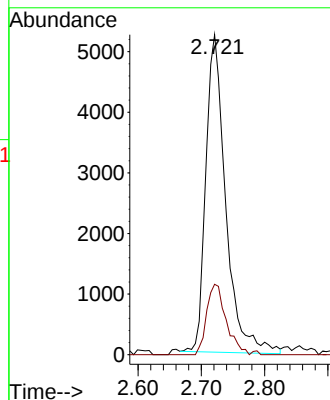
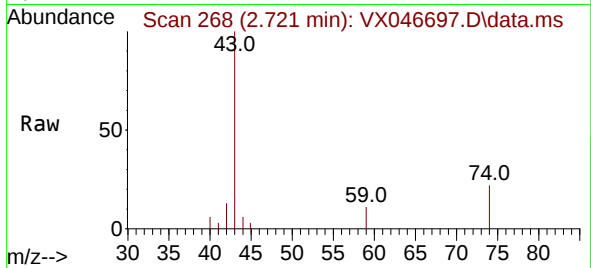




#18
Methyl Acetate
Concen: 6.037 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

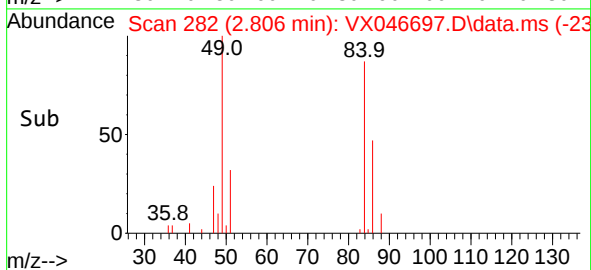
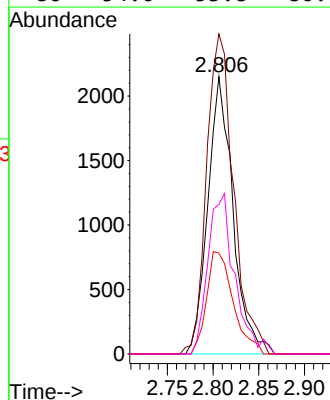
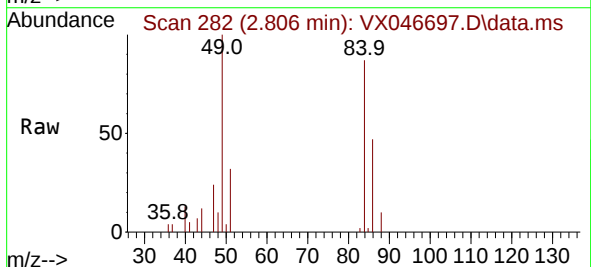
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tgt Ion: 43 Resp: 11483
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1



#20
Methylene Chloride
Concen: 3.225 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

Tgt Ion: 84 Resp: 4132
Ion Ratio Lower Upper
84 100
49 115.4 113.9 170.9
51 36.4 33.5 50.3
86 54.0 53.8 80.8

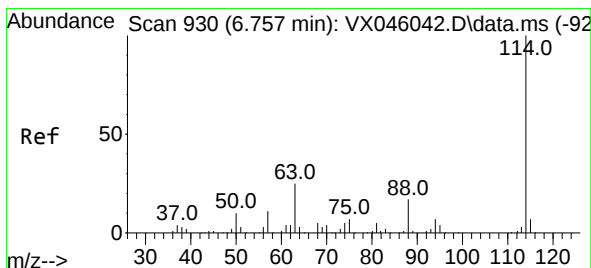
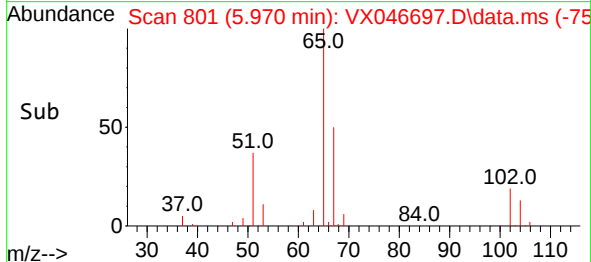
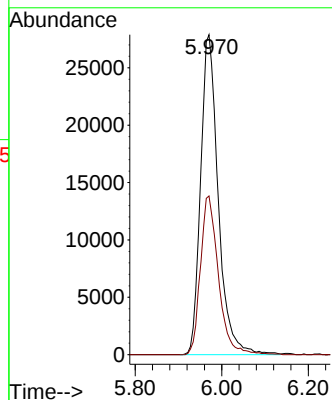
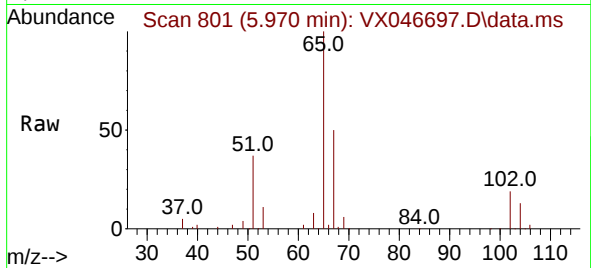




#33
 1,2-Dichloroethane-d4
 Concen: 49.359 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046697.D
 Acq: 13 Jun 2025 18:07

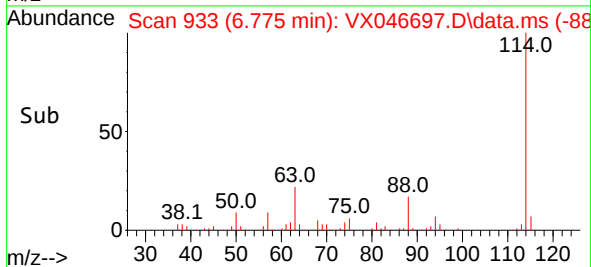
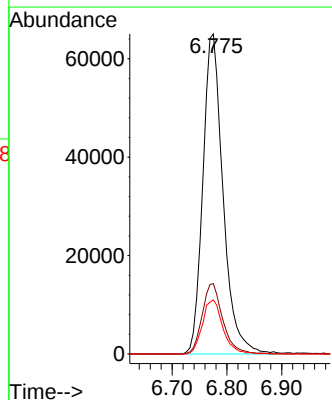
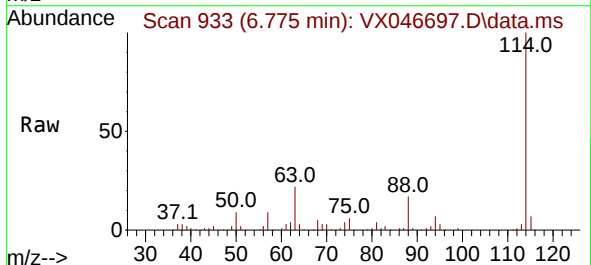
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

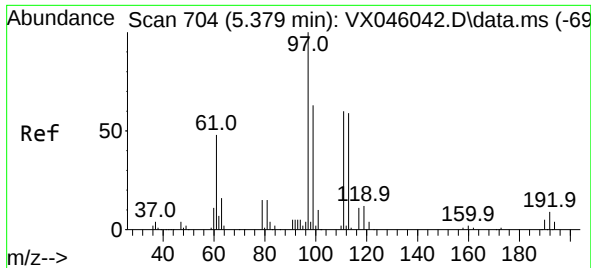
Tgt Ion: 65 Resp: 78825
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046697.D
 Acq: 13 Jun 2025 18:07

Tgt Ion: 114 Resp: 166230
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 49.2
 88 16.9 0.0 33.6

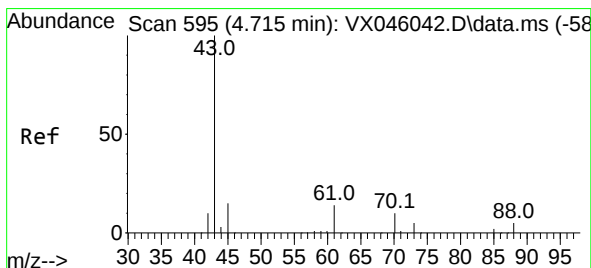
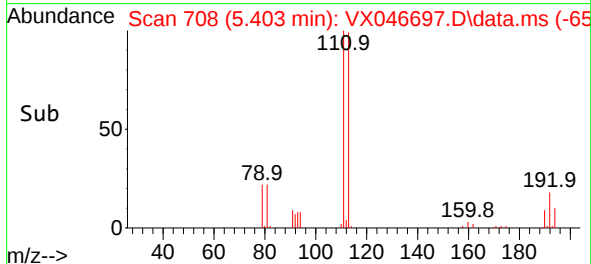
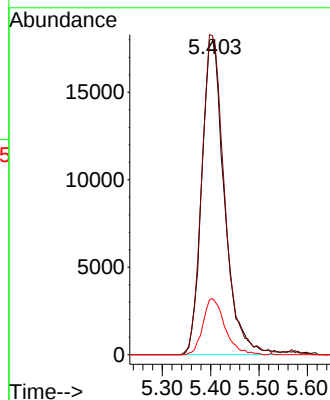
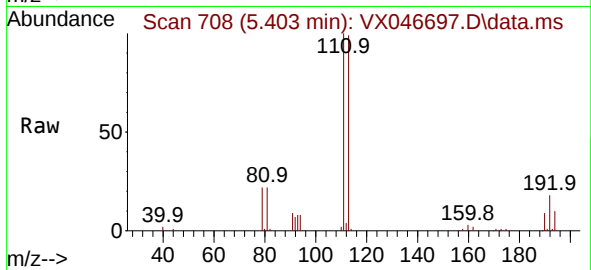




#35
Dibromofluoromethane
Concen: 48.027 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

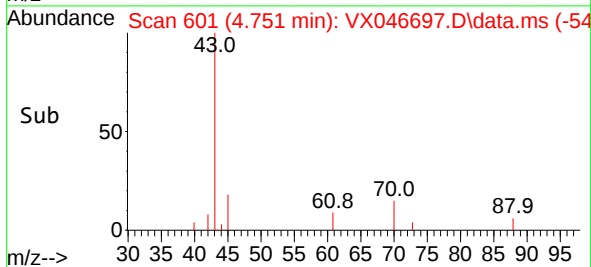
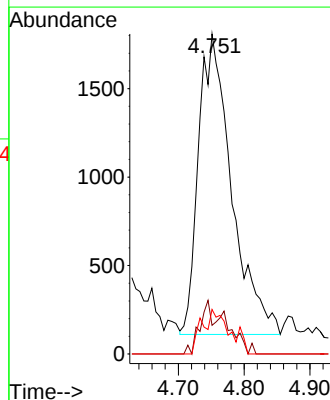
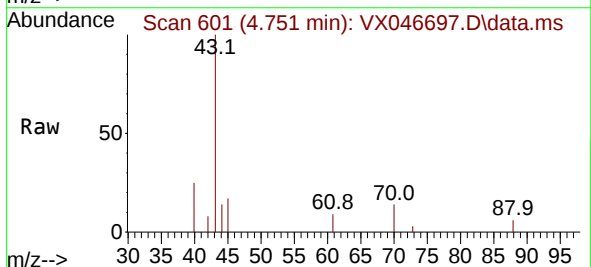
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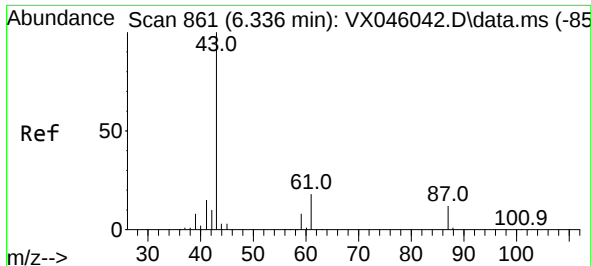
Tgt Ion:113 Resp: 58710
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.2 13.3 19.9



#37
Ethyl Acetate
Concen: 3.487 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

Tgt Ion: 43 Resp: 5943
Ion Ratio Lower Upper
43 100
61 7.5 10.3 15.5#
70 10.9 7.9 11.9

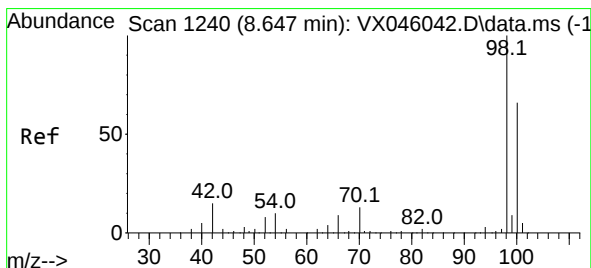
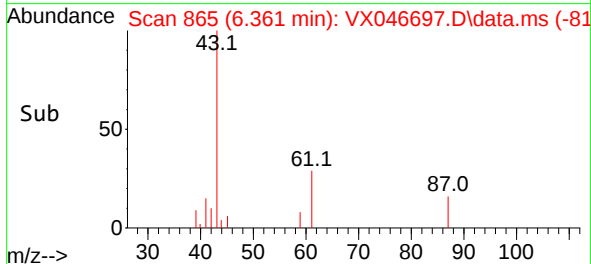
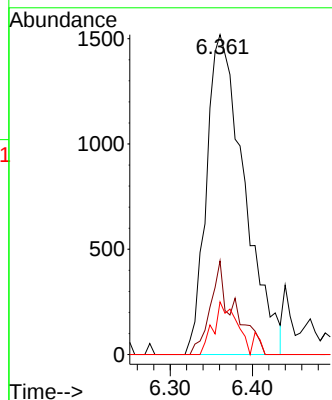
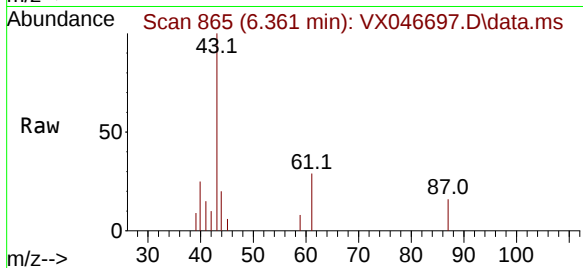




#43
Isopropyl Acetate
Concen: 1.632 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

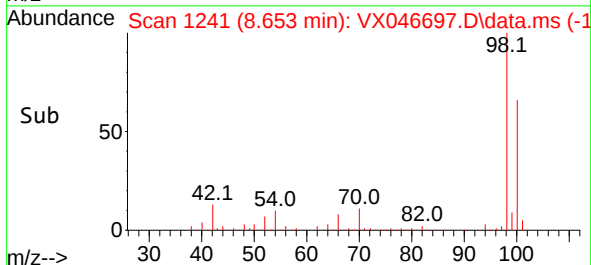
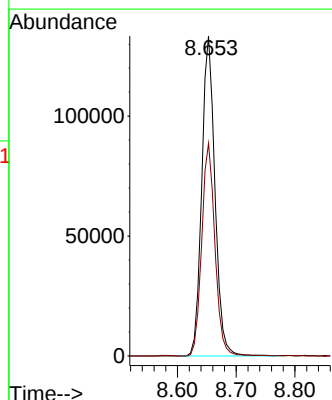
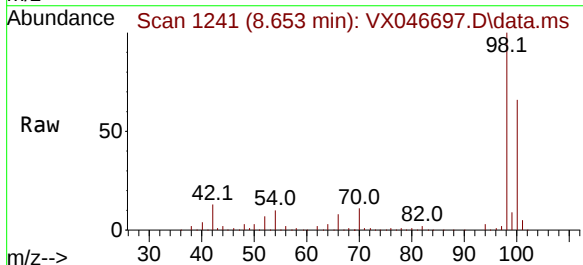
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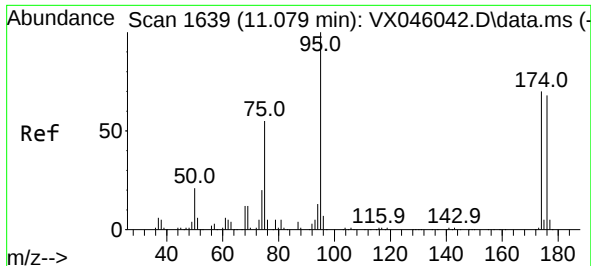
Tgt Ion: 43 Resp: 4848
Ion Ratio Lower Upper
43 100
61 18.7 14.3 21.5
87 10.1 9.5 14.3



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

Tgt Ion: 98 Resp: 208464
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3

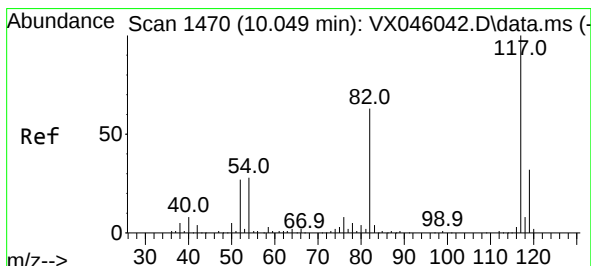
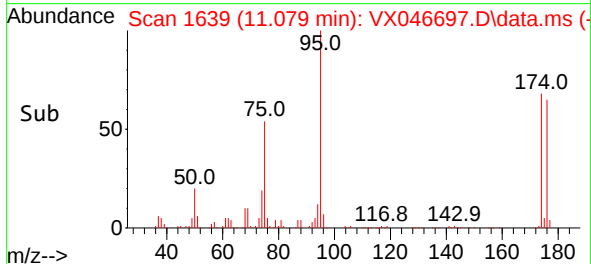
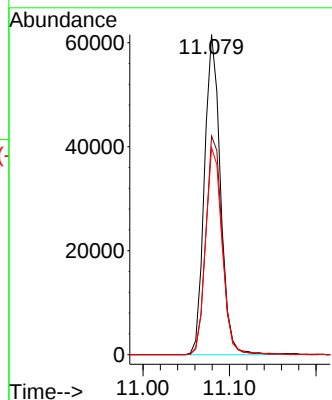
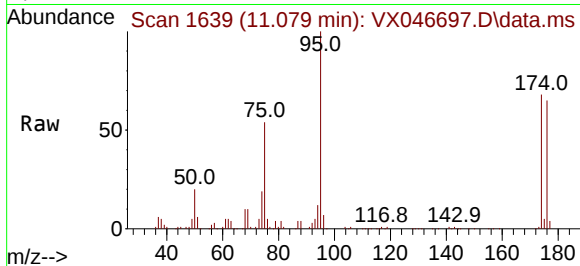




#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

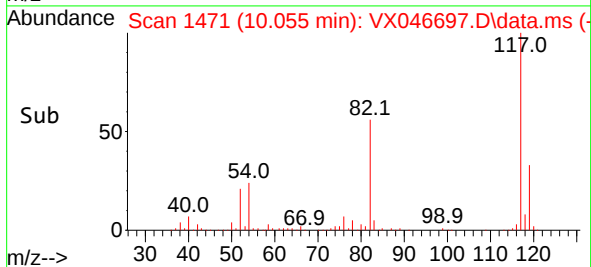
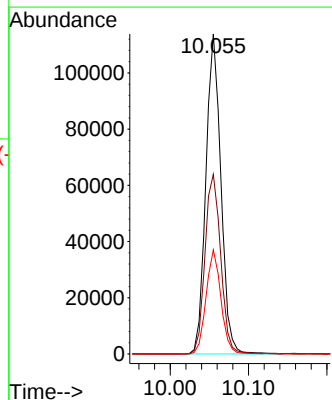
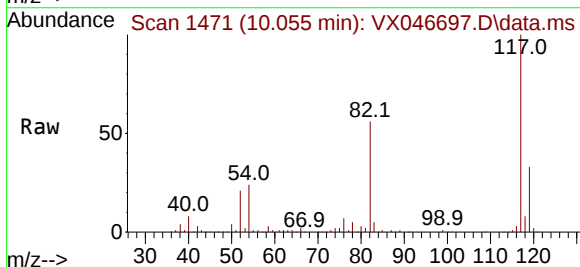
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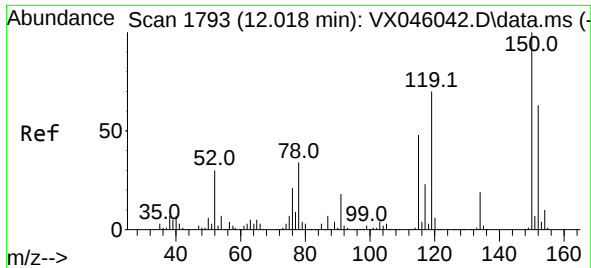
Tgt Ion: 95 Resp: 78986
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046697.D
Acq: 13 Jun 2025 18:07

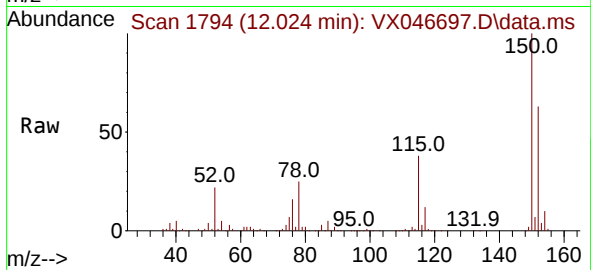
Tgt Ion: 117 Resp: 151499
Ion Ratio Lower Upper
117 100
82 56.2 50.6 76.0
119 32.5 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046697.D
 Acq: 13 Jun 2025 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 72809
 Ion Ratio Lower Upper
 152 100
 115 64.6 46.9 140.7
 150 159.4 0.0 351.0

