

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046699.D
 Acq On : 13 Jun 2025 18:51
 Operator : JC/MD
 Sample : Q2310-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: Jun 13 23:35:16 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)

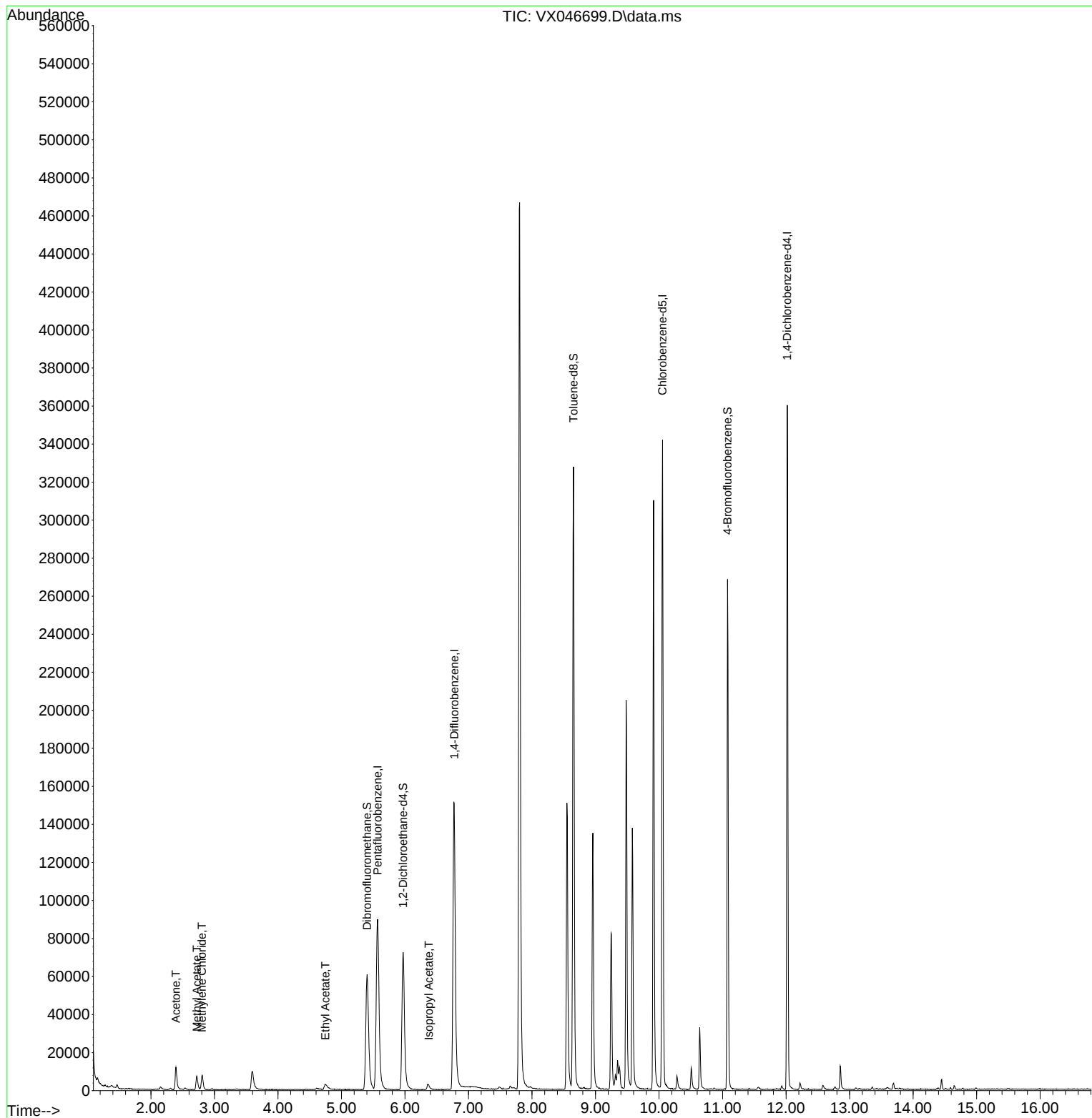
Internal Standards						
1) Pentafluorobenzene	5.568	168	87844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	161760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	77798	49.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	5.403	113	57426	48.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.653	98	192997	49.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.079	95	73327	45.189	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.380%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	15196	28.900	ug/l #	88
18) Methyl Acetate	2.721	43	10118	5.435	ug/l	92
20) Methylene Chloride	2.800	84	3860	3.079	ug/l #	83
37) Ethyl Acetate	4.745	43	5789	3.491	ug/l	96
43) Isopropyl Acetate	6.373	43	4513	1.561	ug/l	97

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

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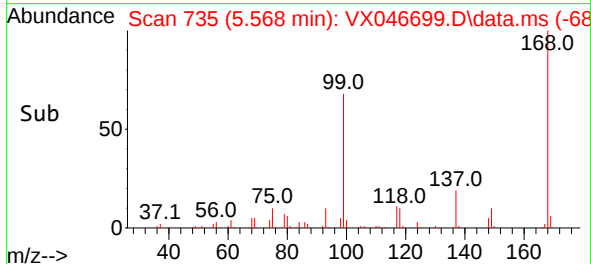
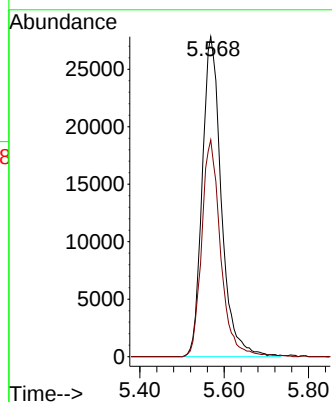
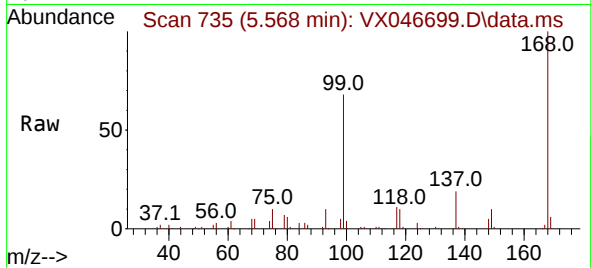




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

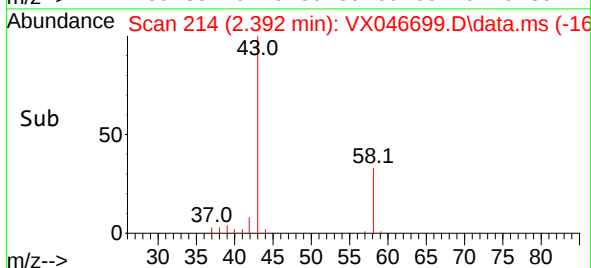
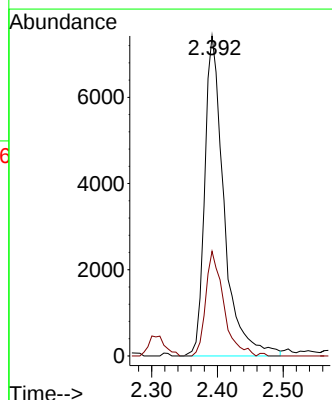
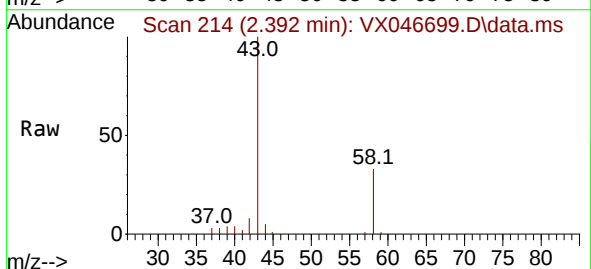
Instrument :
MSVOA_X
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 87844
Ion Ratio Lower Upper
168 100
99 67.7 54.9 82.3



#16
Acetone
Concen: 28.900 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

Tgt Ion: 43 Resp: 15196
Ion Ratio Lower Upper
43 100
58 32.7 21.2 31.8#

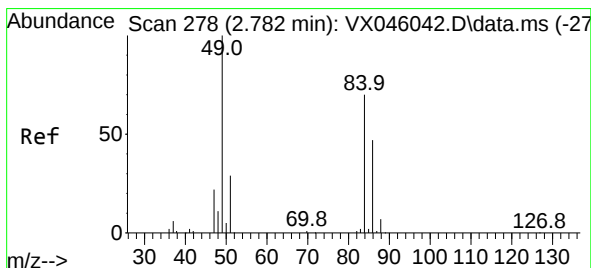
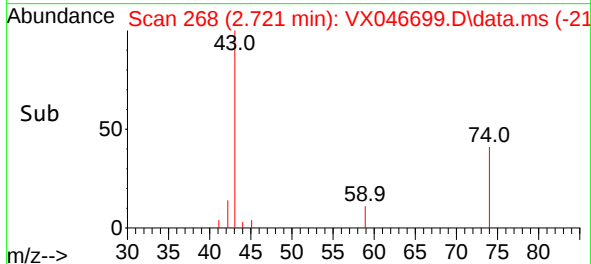
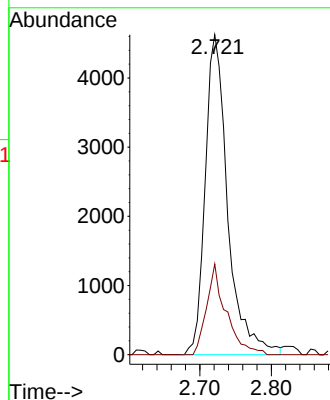
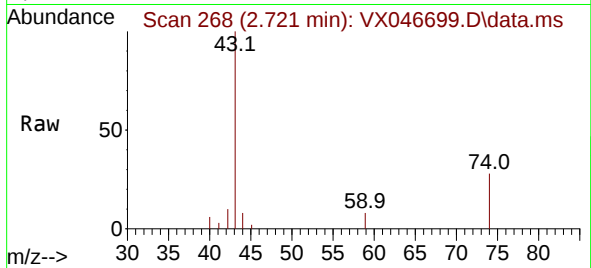




#18
Methyl Acetate
Concen: 5.435 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

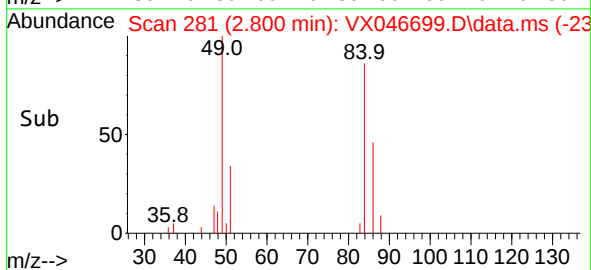
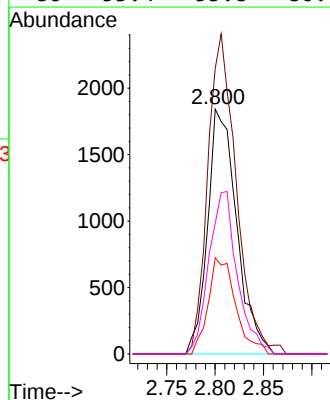
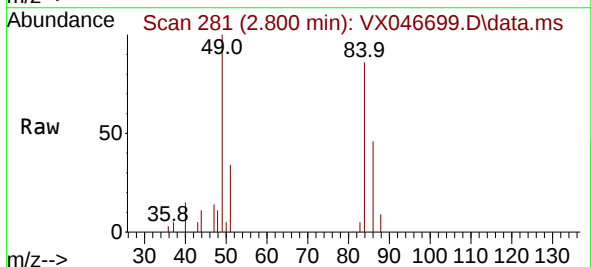
Instrument :
MSVOA_X
ClientSampleId :
TP-7

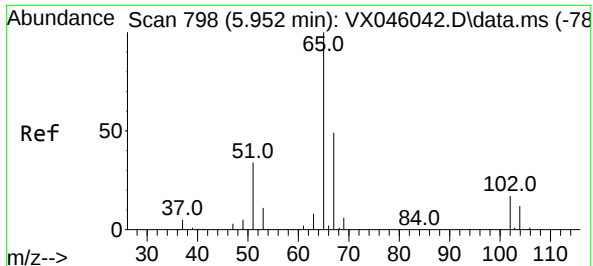
Tgt Ion: 43 Resp: 10118
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1



#20
Methylene Chloride
Concen: 3.079 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

Tgt Ion: 84 Resp: 3860
Ion Ratio Lower Upper
84 100
49 116.7 113.9 170.9
51 39.3 33.5 50.3
86 53.4 53.8 80.8#

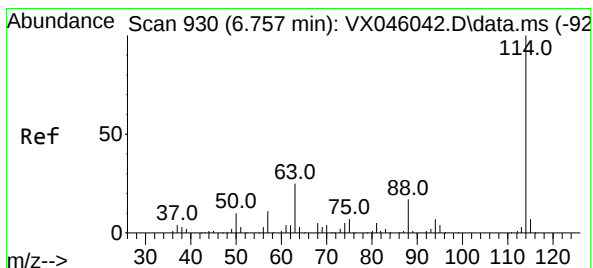
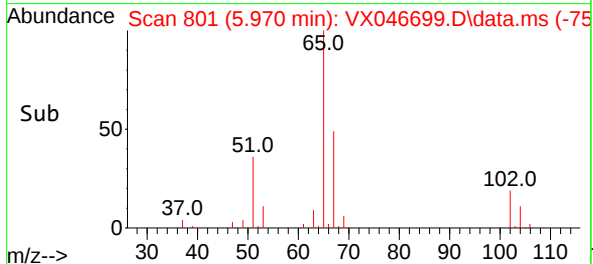
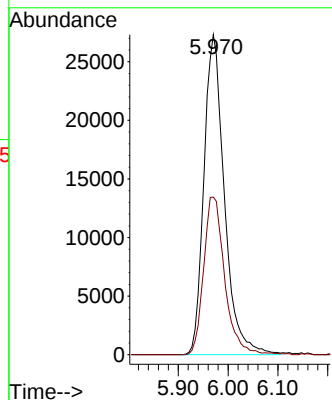
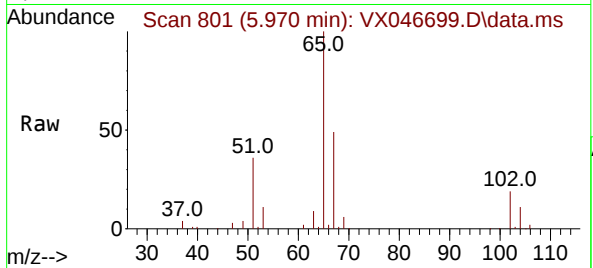




#33
 1,2-Dichloroethane-d4
 Concen: 49.780 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046699.D
 Acq: 13 Jun 2025 18:51

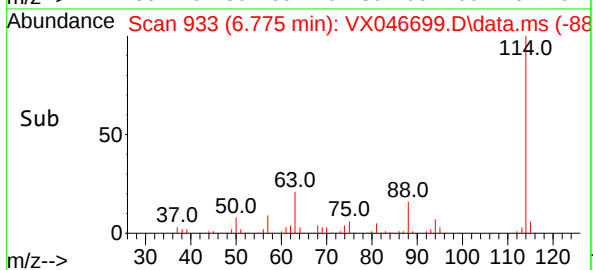
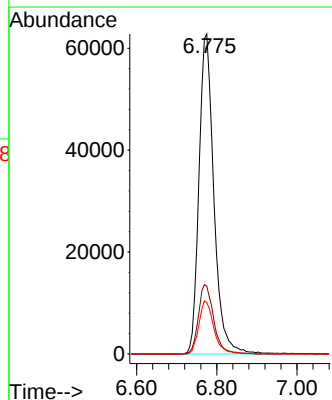
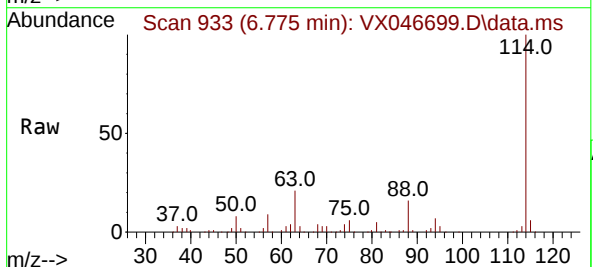
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Tgt Ion: 65 Resp: 77798
 Ion Ratio Lower Upper
 65 100
 67 50.9 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: VX046699.D
 Acq: 13 Jun 2025 18:51

Tgt Ion: 114 Resp: 161760
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 49.2
 88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.274 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046699.D

Acq: 13 Jun 2025 18:51

Instrument :

MSVOA_X

ClientSampleId :

TP-7

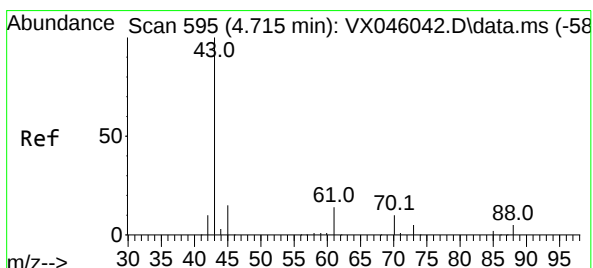
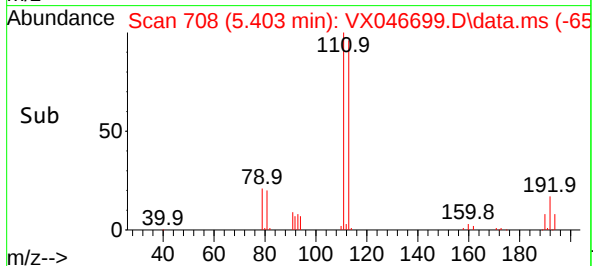
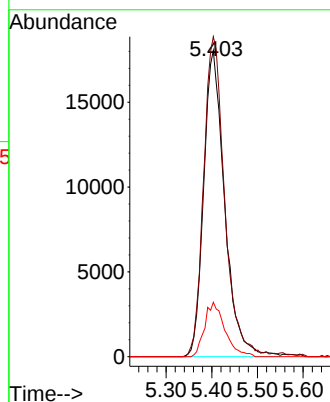
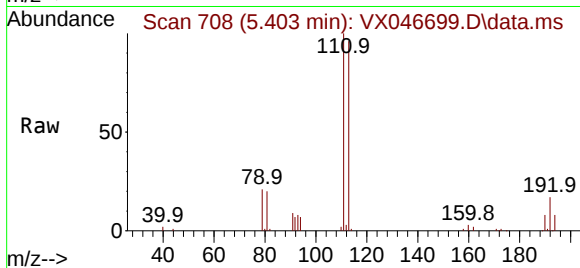
Tgt Ion:113 Resp: 57426

Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

192 17.2 13.3 19.9



#37

Ethyl Acetate

Concen: 3.491 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046699.D

Acq: 13 Jun 2025 18:51

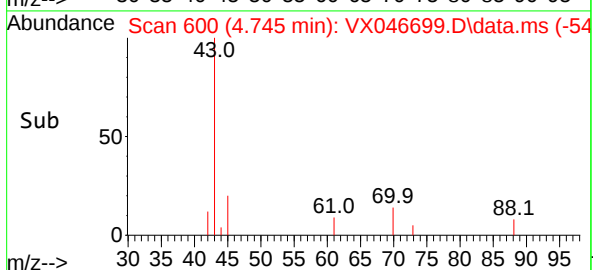
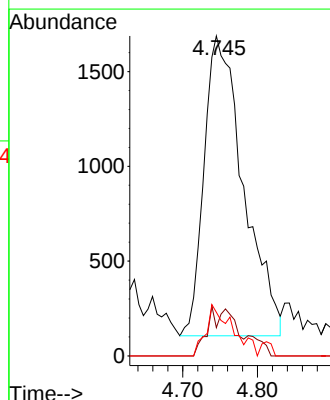
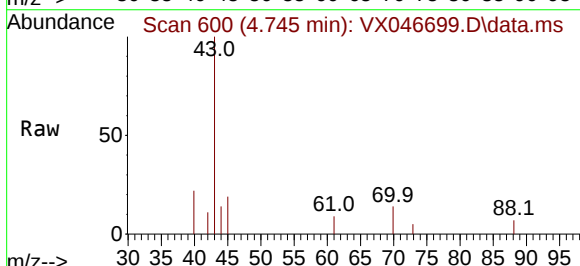
Tgt Ion: 43 Resp: 5789

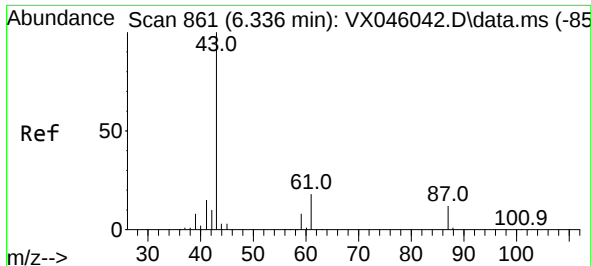
Ion Ratio Lower Upper

43 100

61 11.0 10.3 15.5

70 11.5 7.9 11.9

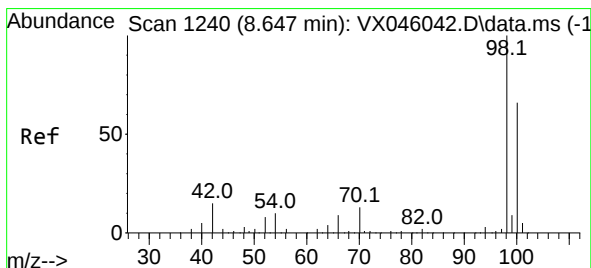
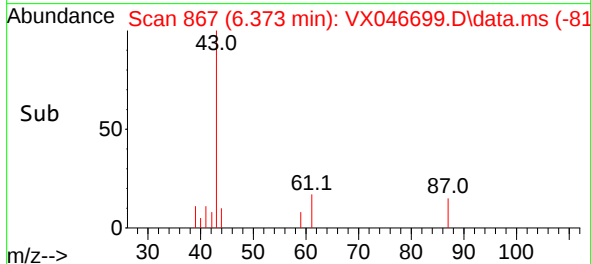
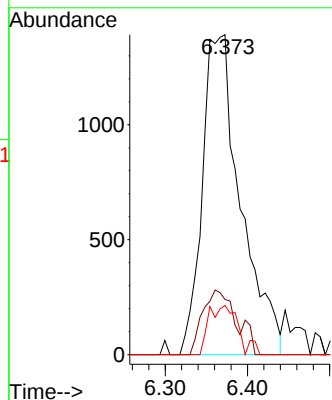
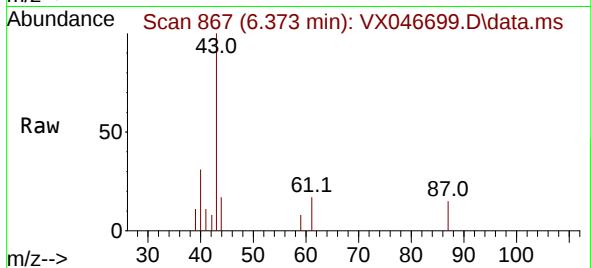




#43
Isopropyl Acetate
Concen: 1.561 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

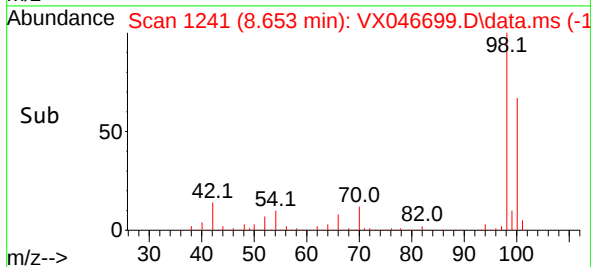
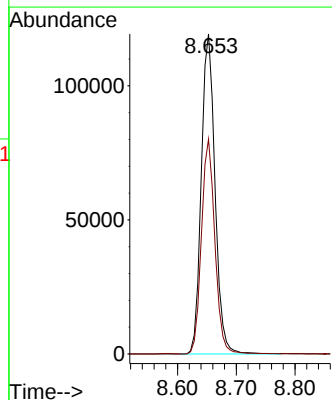
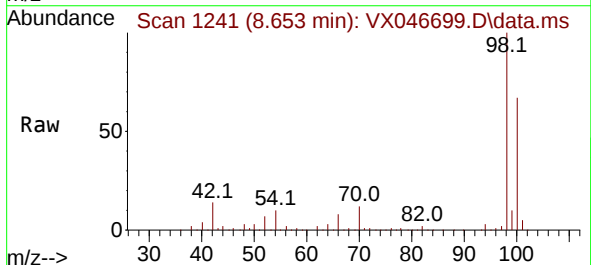
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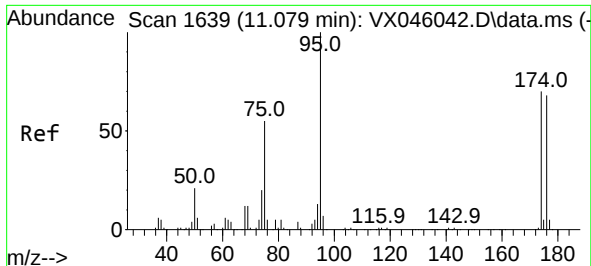
Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
61 15.5 14.3 21.5
87 11.9 9.5 14.3



#50
Toluene-d8
Concen: 49.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

Tgt Ion: 98 Resp: 192997
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3

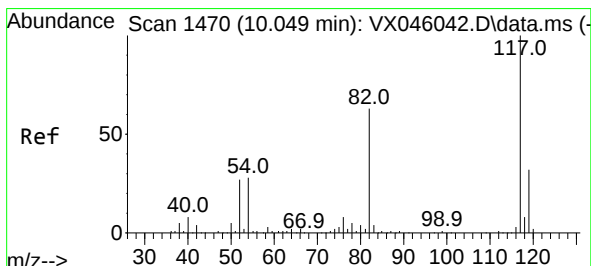
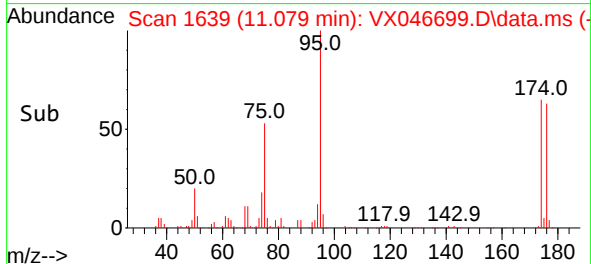
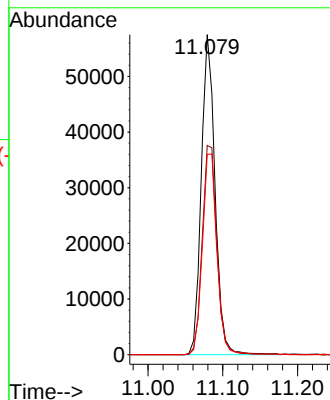
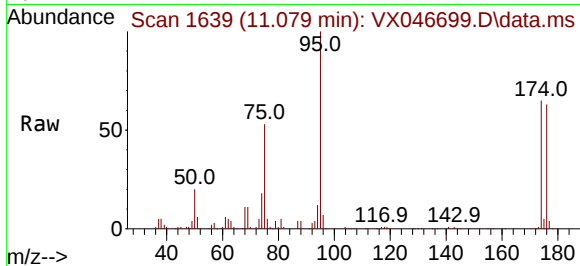




#62
4-Bromofluorobenzene
Concen: 45.189 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

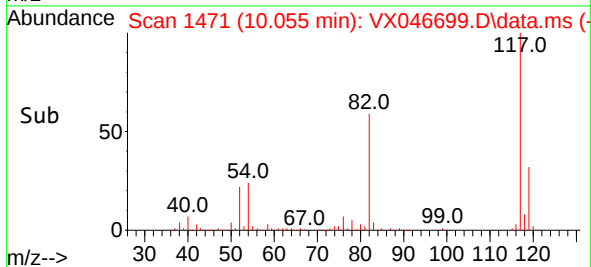
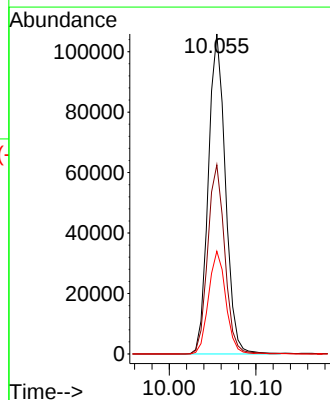
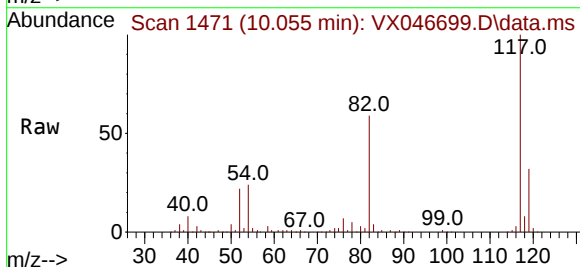
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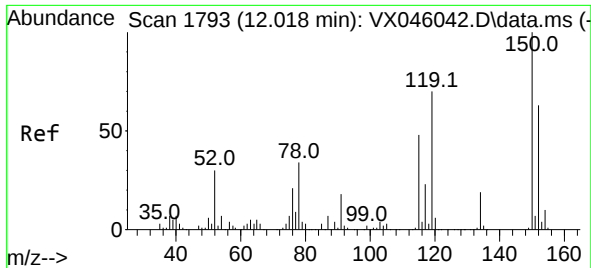
Tgt Ion: 95 Resp: 73327
Ion Ratio Lower Upper
95 100
174 69.6 0.0 135.8
176 66.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046699.D
Acq: 13 Jun 2025 18:51

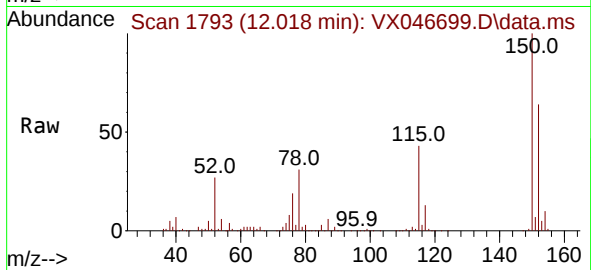
Tgt Ion: 117 Resp: 145066
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 32.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046699.D
 Acq: 13 Jun 2025 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7



Tgt Ion:152 Resp: 69771
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 155.9 0.0 351.0

