

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046457.D
 Acq On : 02 Jun 2025 20:39
 Operator : JC/MD
 Sample : Q2155-01
 Misc : 2.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 446

Quant Time: Jun 03 05:51:27 2025
 Quant Title :
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

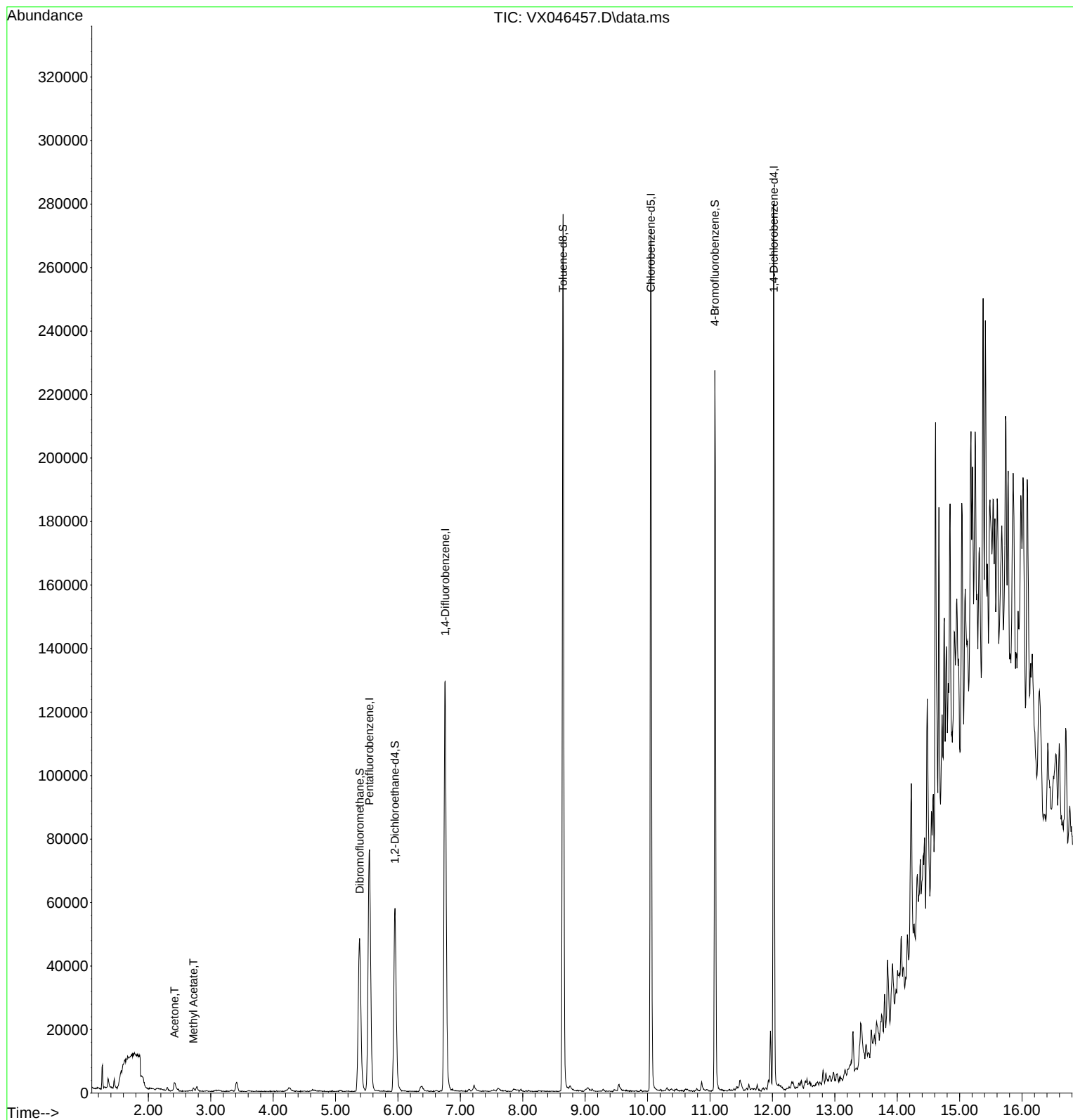
Internal Standards						
1) Pentafluorobenzene	5.544	168	65798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59072	48.156	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.320%		
35) Dibromofluoromethane	5.385	113	42671	46.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.720%		
50) Toluene-d8	8.647	98	158233	49.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.079	95	61555	50.377	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.760%		
Target Compounds						Qvalue
16) Acetone	2.416	43	4226	8.592	ug/l	97
18) Methyl Acetate	2.721	43	1513	1.326	ug/l	92

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

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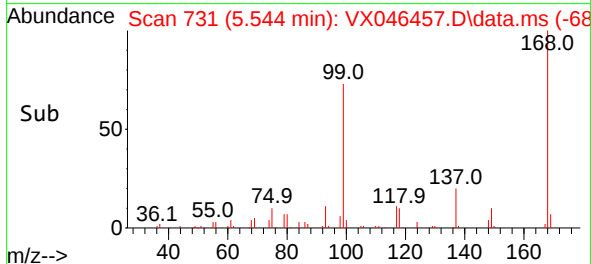
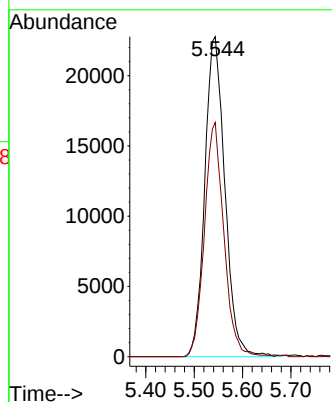
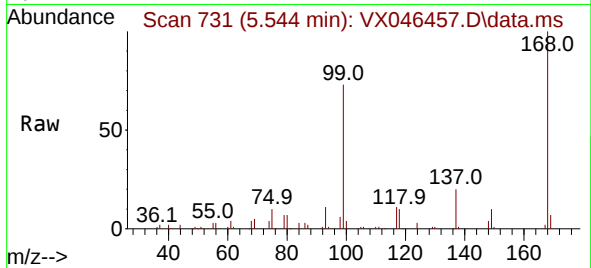




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

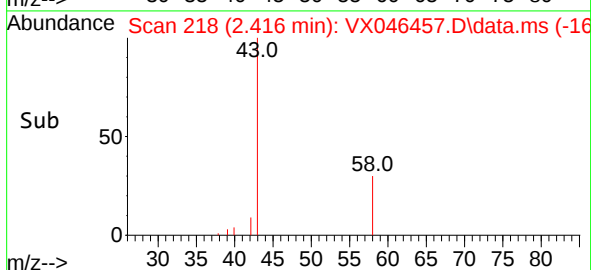
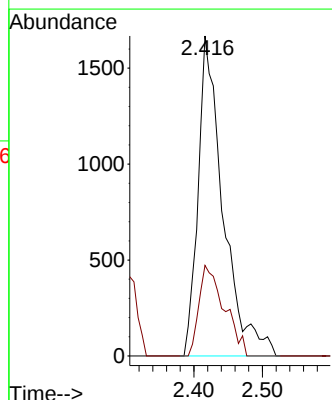
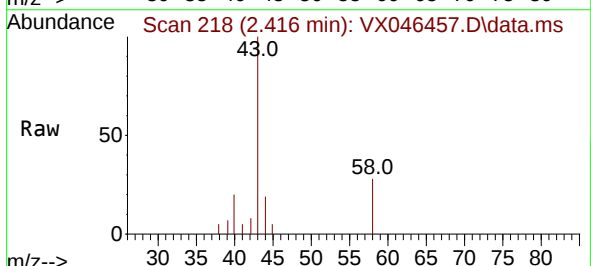
Instrument :
MSVOA_X
ClientSampleId :
446

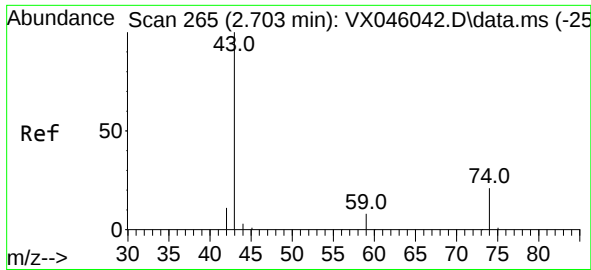
Tgt Ion:168 Resp: 65798
Ion Ratio Lower Upper
168 100
99 73.2 54.9 82.3



#16
Acetone
Concen: 8.592 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

Tgt Ion: 43 Resp: 4226
Ion Ratio Lower Upper
43 100
58 28.3 21.2 31.8





#18

Methyl Acetate

Concen: 1.326 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.018 min

Lab File: VX046457.D

Acq: 02 Jun 2025 20:39

Instrument :

MSVOA_X

ClientSampleId :

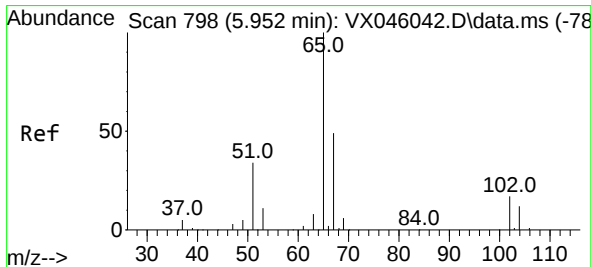
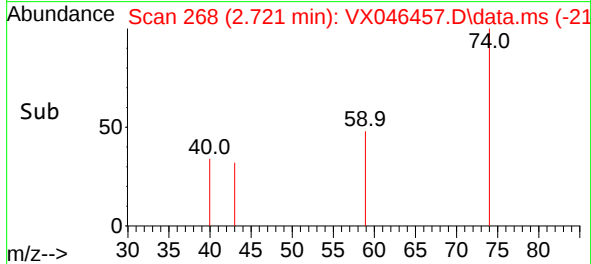
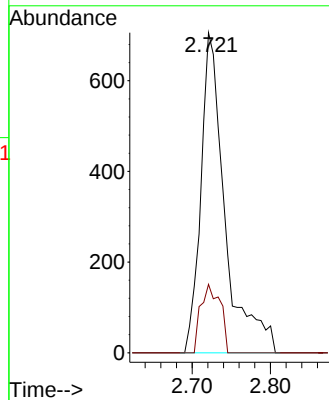
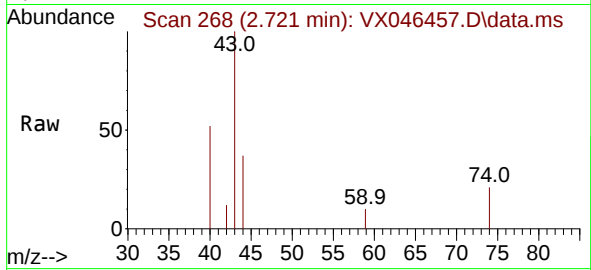
446

Tgt Ion: 43 Resp: 1513

Ion Ratio Lower Upper

43 100

74 17.1 16.7 25.1



#33

1,2-Dichloroethane-d4

Concen: 48.156 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046457.D

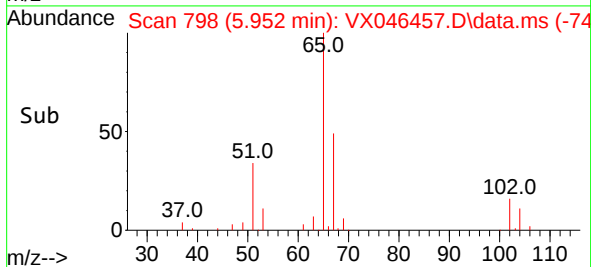
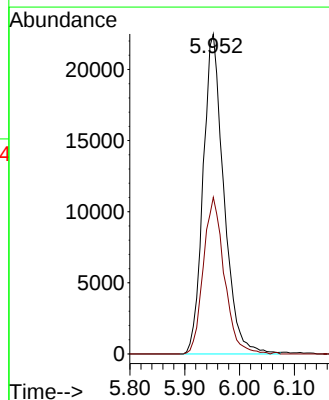
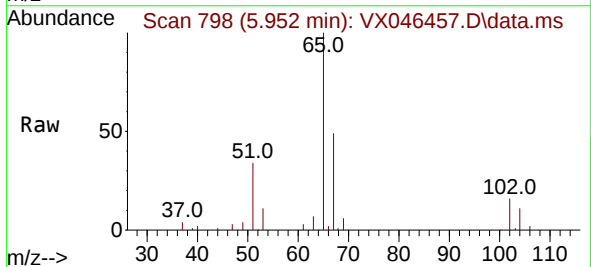
Acq: 02 Jun 2025 20:39

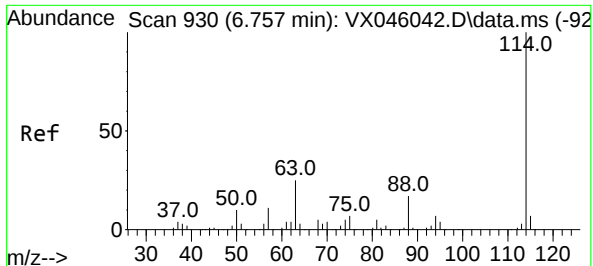
Tgt Ion: 65 Resp: 59072

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0

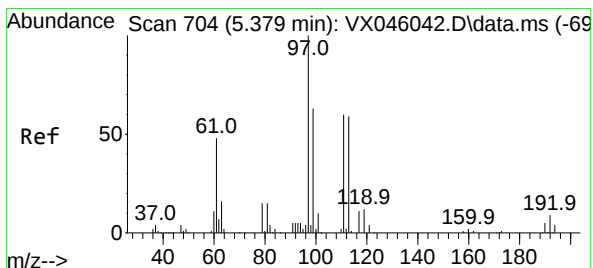
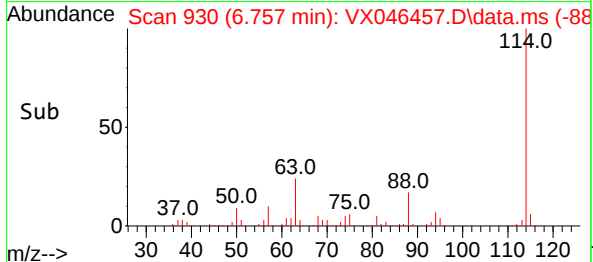
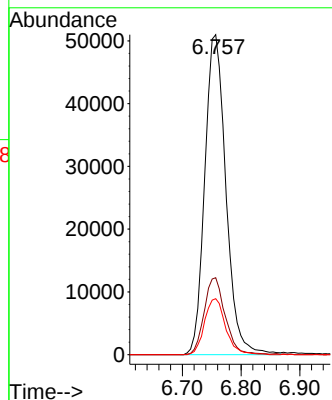
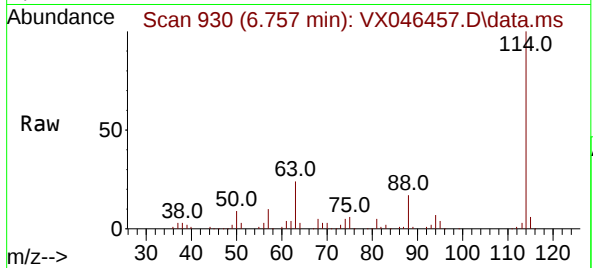




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046457.D
 Acq: 02 Jun 2025 20:39

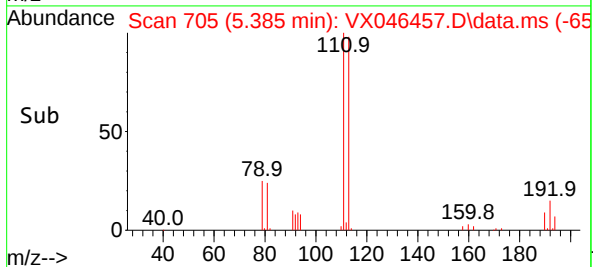
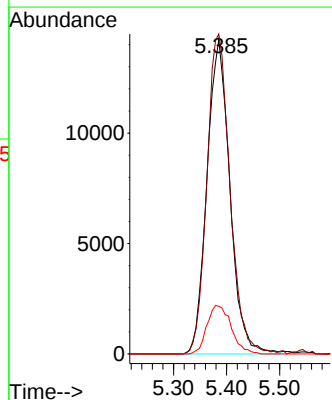
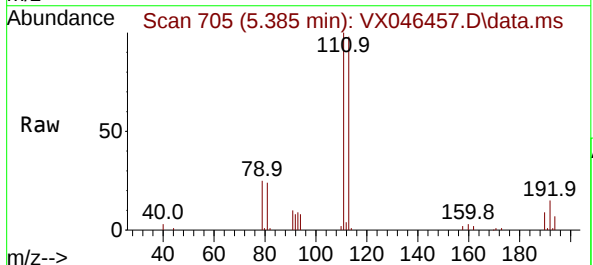
Instrument :
 MSVOA_X
 ClientSampleId :
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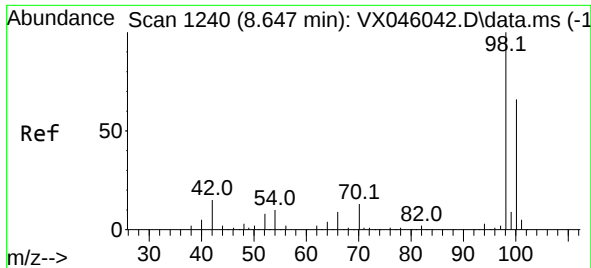
Tgt Ion:114 Resp: 127806
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 46.364 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046457.D
 Acq: 02 Jun 2025 20:39

Tgt Ion:113 Resp: 42671
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.1 124.7
 192 16.4 13.3 19.9

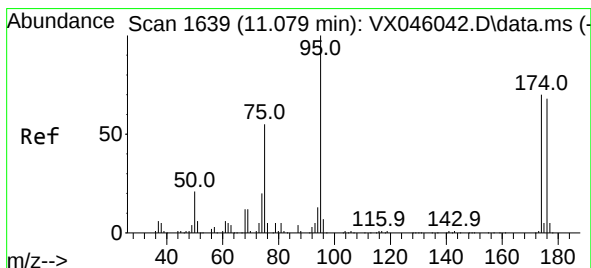
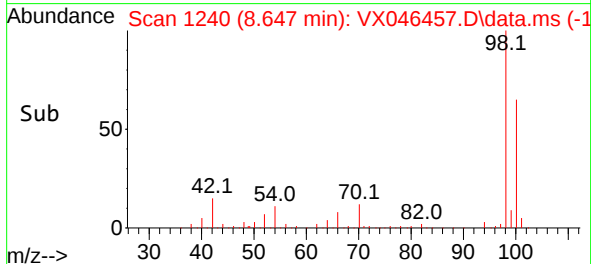
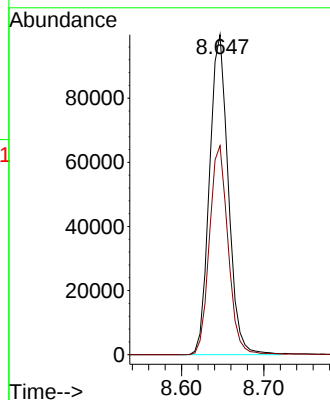
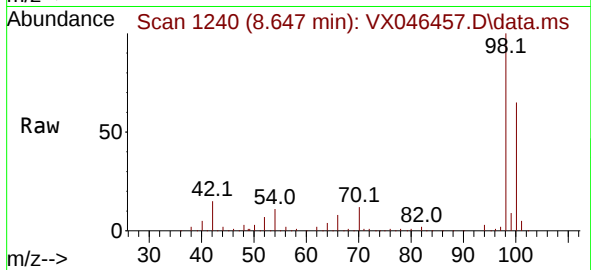




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

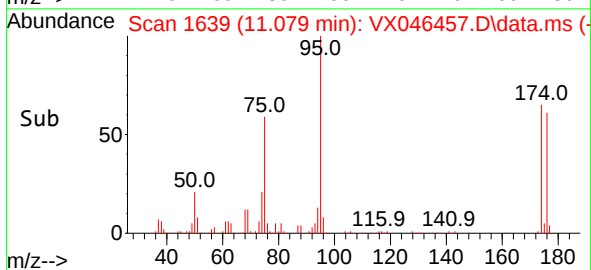
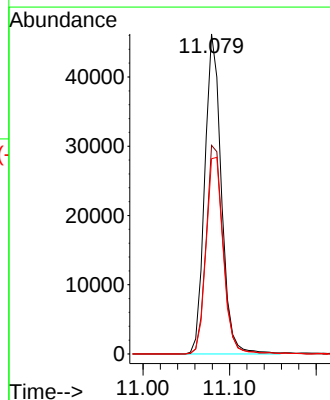
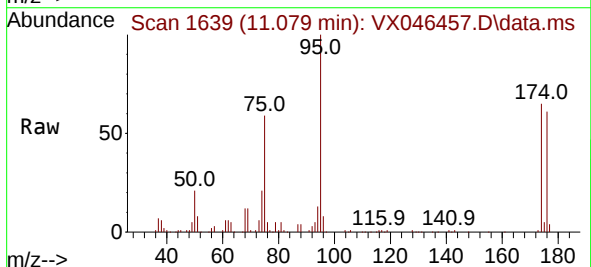
Instrument :
MSVOA_X
ClientSampleId :
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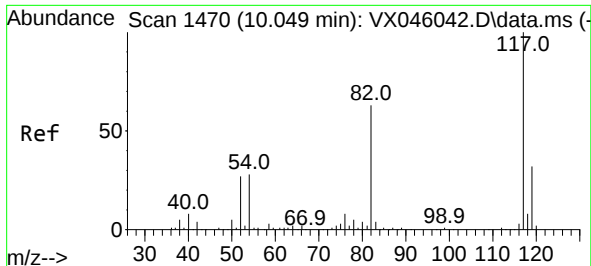
Tgt Ion: 98 Resp: 158233
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

Tgt Ion: 95 Resp: 61555
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 63.7 0.0 131.4

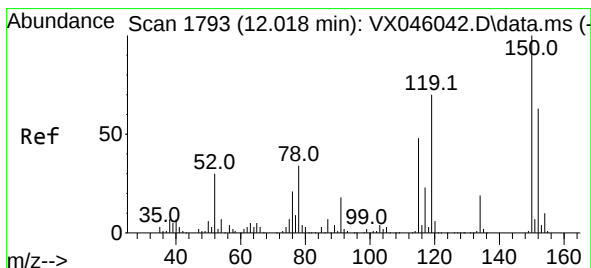
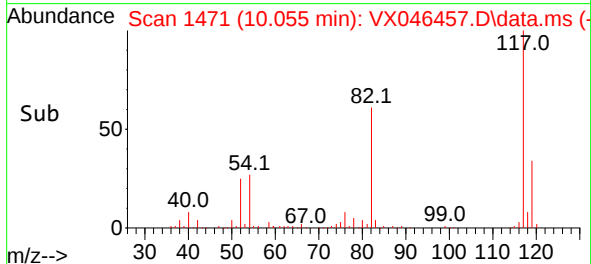
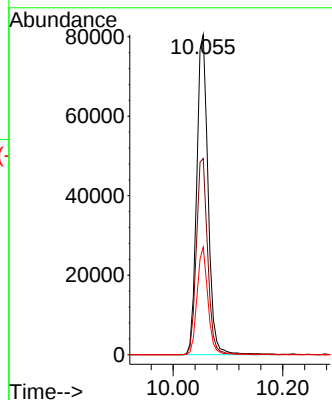
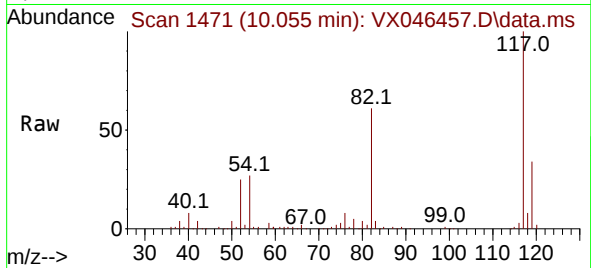




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

Instrument :
MSVOA_X
ClientSampleId :
446

Tgt Ion:117 Resp: 116488
Ion Ratio Lower Upper
117 100
82 61.3 50.6 76.0
119 33.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046457.D
Acq: 02 Jun 2025 20:39

Tgt Ion:152 Resp: 53583
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 161.7 0.0 351.0

