

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046449.D
 Acq On : 02 Jun 2025 17:09
 Operator : JC/MD
 Sample : Q2155-02
 Misc : 3.40g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 447-SOLID

Quant Time: Jun 03 01:34:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

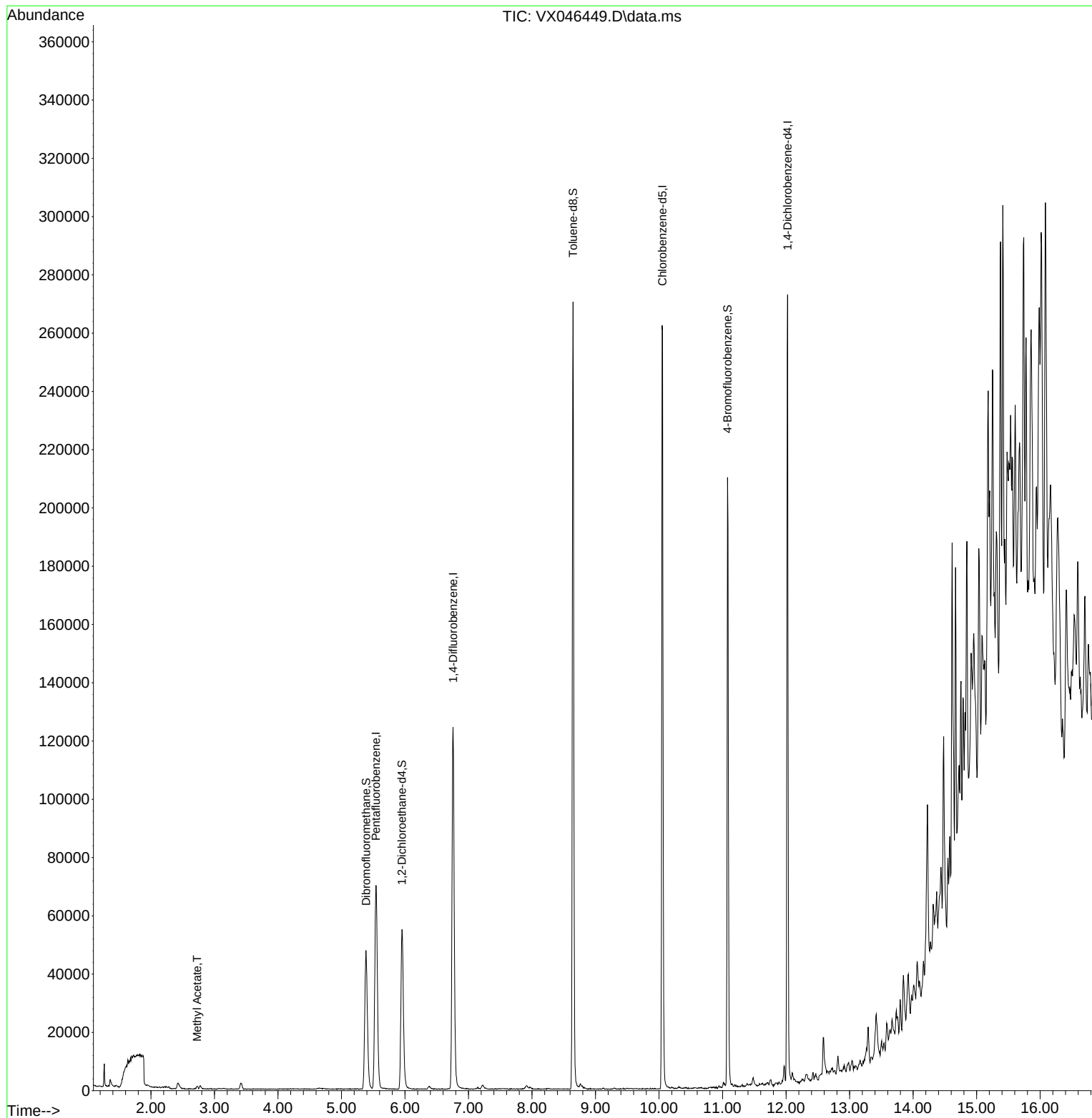
Internal Standards						
1) Pentafluorobenzene	5.544	168	59640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57950	52.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.240%	
35) Dibromofluoromethane	5.385	113	41289	47.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.520%	
50) Toluene-d8	8.647	98	152350	50.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.079	95	59167	51.015	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.040%	
Target Compounds						
18) Methyl Acetate	2.727	43	1369	1.323	ug/l	Qvalue 98

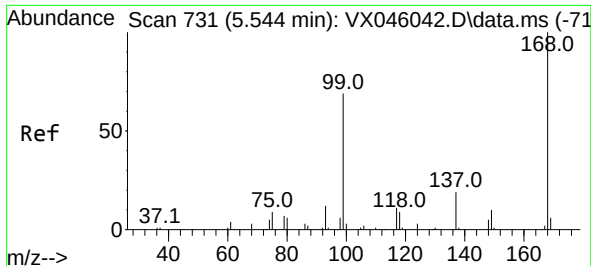
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX046449.D
Acq: 02 Jun 2025 17:09

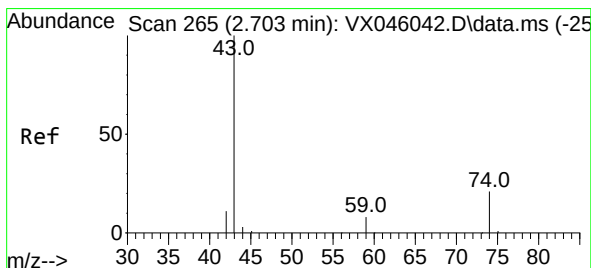
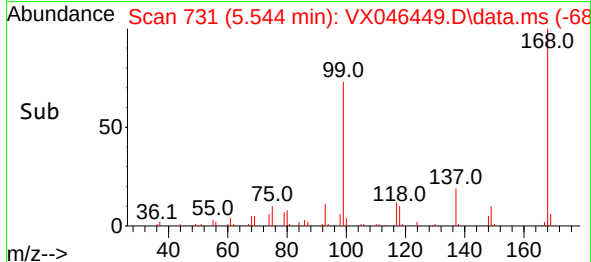
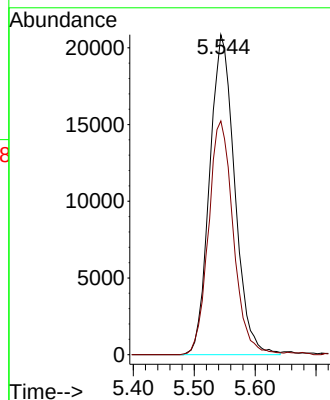
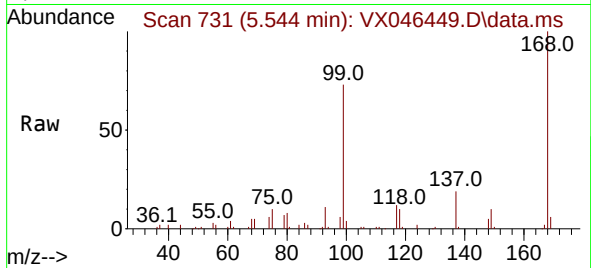
Instrument :

MSVOA_X

ClientSampleId :

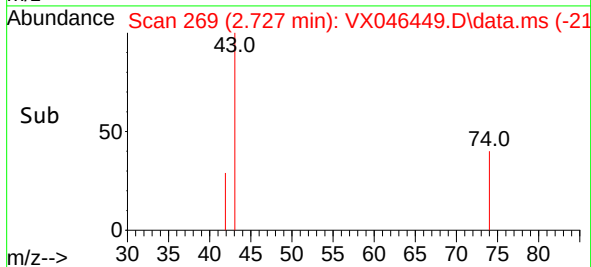
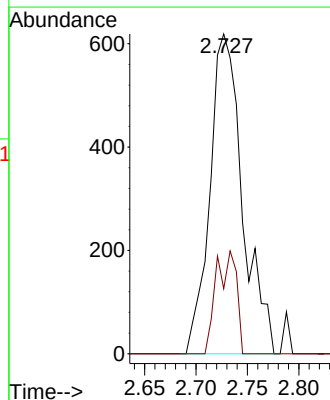
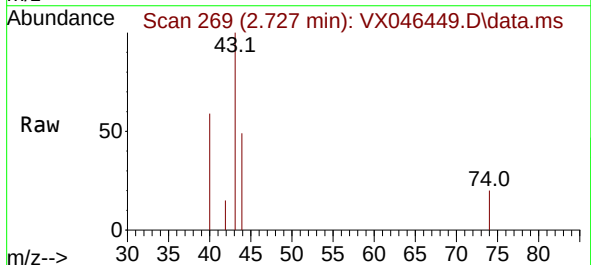
447-SOLID

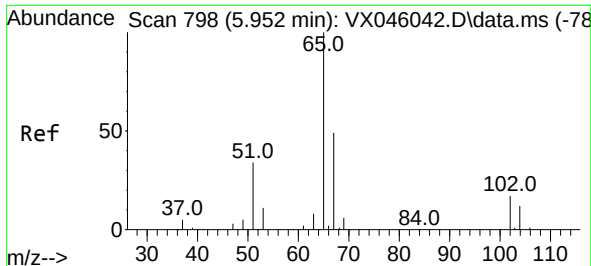
Tgt Ion:168 Resp: 59640
Ion Ratio Lower Upper
168 100
99 73.1 54.9 82.3



#18
Methyl Acetate
Concen: 1.323 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.024 min
Lab File: VX046449.D
Acq: 02 Jun 2025 17:09

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
74 19.8 16.7 25.1

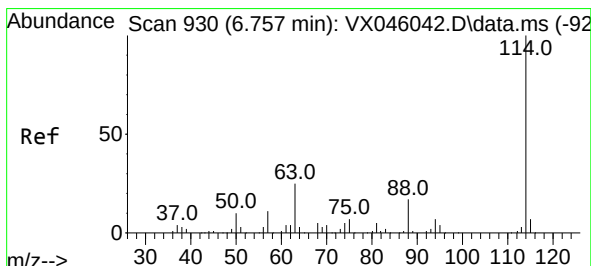
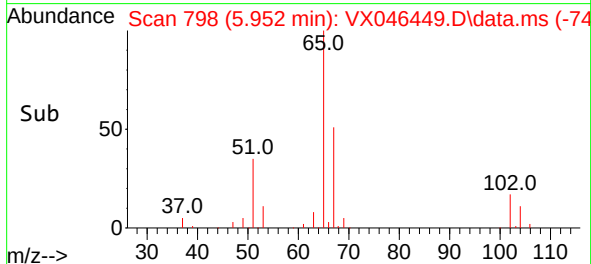
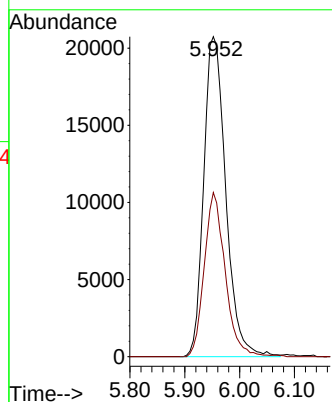
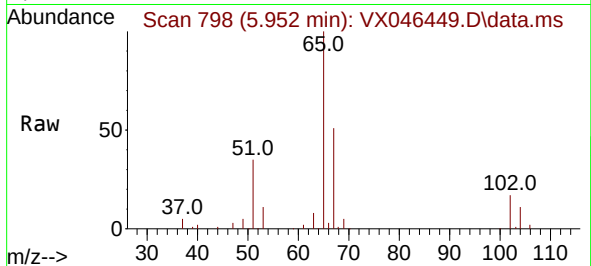




#33
 1,2-Dichloroethane-d4
 Concen: 52.119 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046449.D
 Acq: 02 Jun 2025 17:09

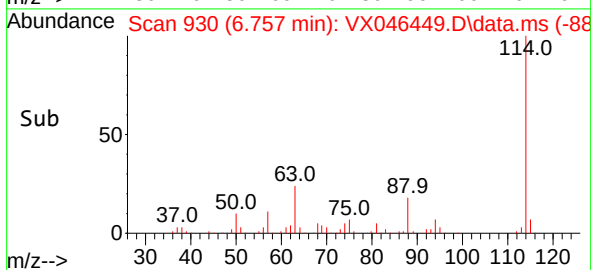
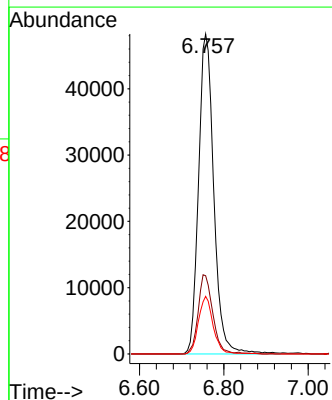
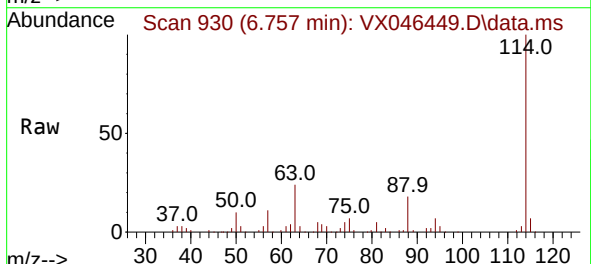
Instrument :
 MSVOA_X
 ClientSampleId :
 447-SOLID

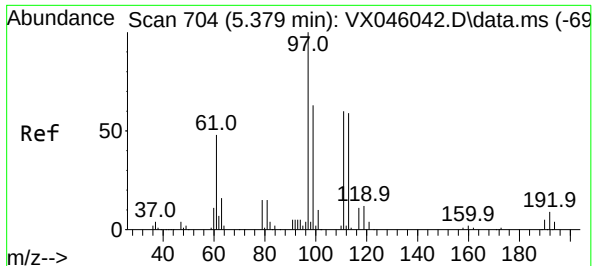
Tgt Ion: 65 Resp: 57950
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046449.D
 Acq: 02 Jun 2025 17:09

Tgt Ion: 114 Resp: 121312
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 18.0 0.0 33.6

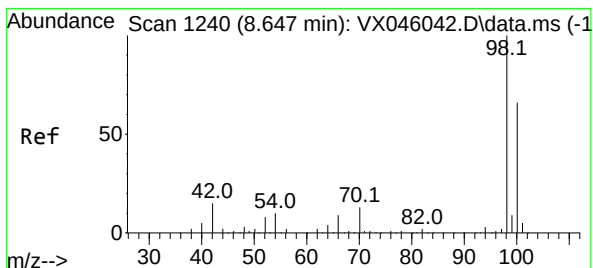
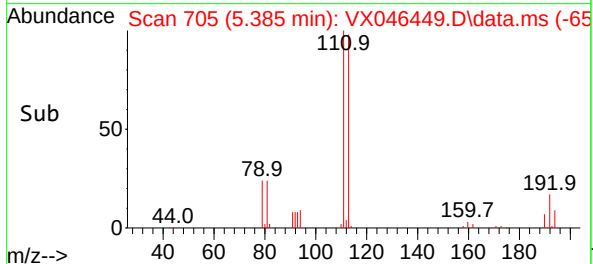
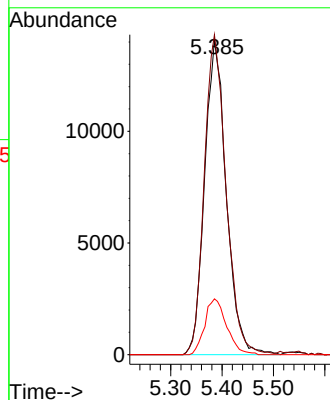
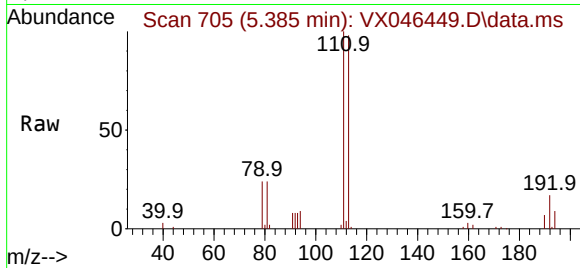




#35
Dibromofluoromethane
Concen: 47.264 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046449.D
Acq: 02 Jun 2025 17:09

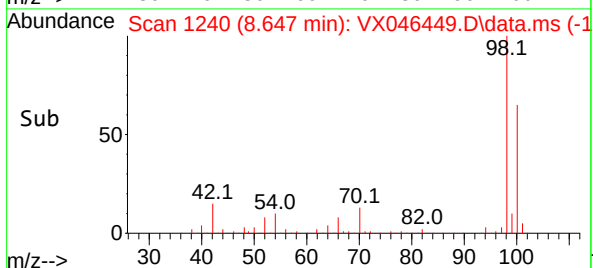
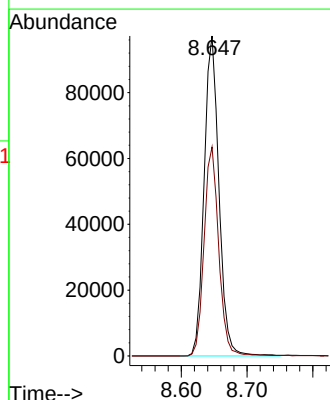
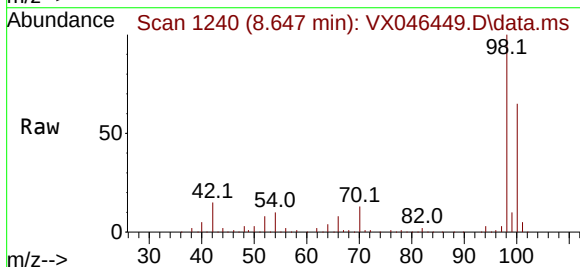
Instrument :
MSVOA_X
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447-SOLID

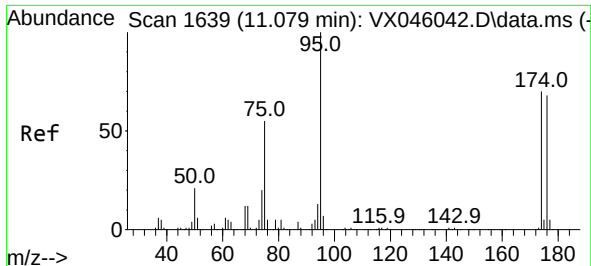
Tgt Ion:113 Resp: 41289
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 17.9 13.3 19.9



#50
Toluene-d8
Concen: 50.388 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046449.D
Acq: 02 Jun 2025 17:09

Tgt Ion: 98 Resp: 152350
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3

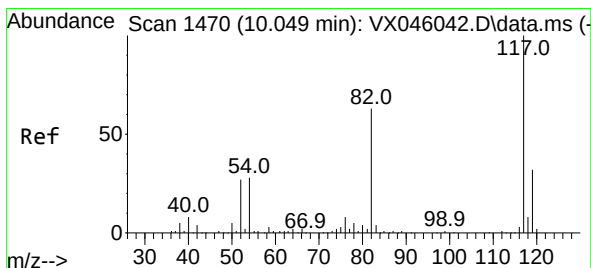
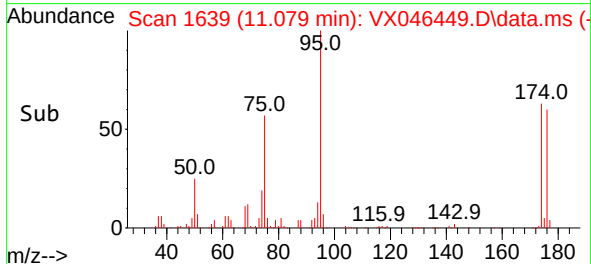
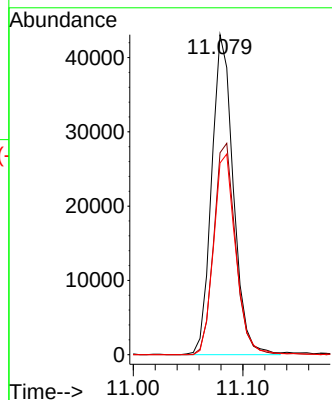
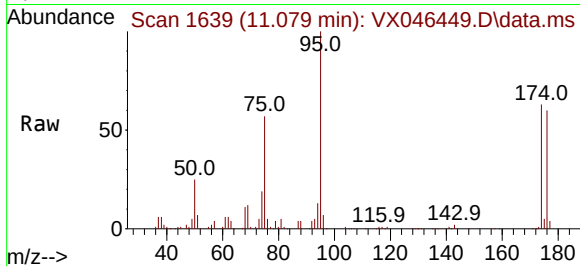




#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046449.D
Acq: 02 Jun 2025 17:09

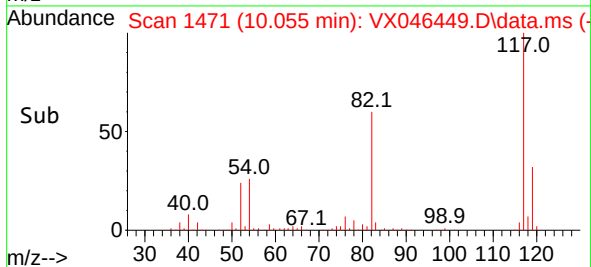
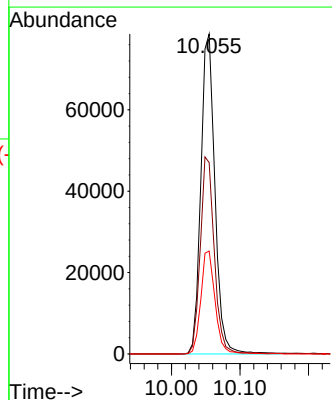
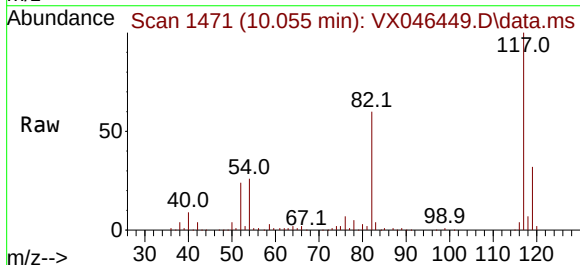
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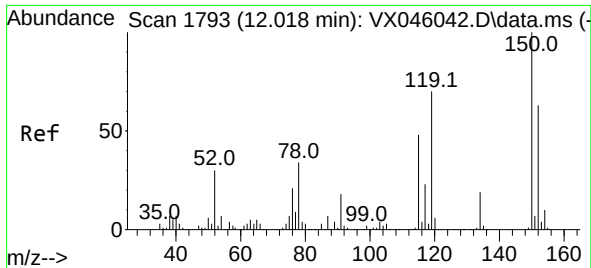
Tgt Ion: 95 Resp: 59167
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046449.D
Acq: 02 Jun 2025 17:09

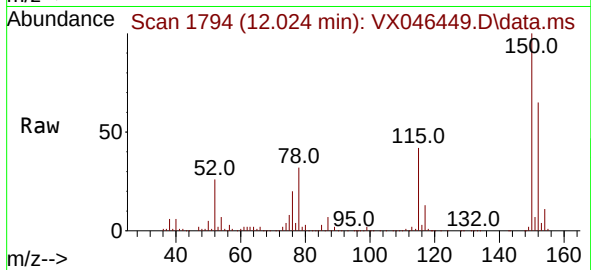
Tgt Ion: 117 Resp: 112664
Ion Ratio Lower Upper
117 100
82 59.8 50.6 76.0
119 32.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046449.D
 Acq: 02 Jun 2025 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 447-SOLID



Tgt Ion:152 Resp: 50662
 Ion Ratio Lower Upper
 152 100
 115 66.2 46.9 140.7
 150 157.6 0.0 351.0

