

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046399.D
 Acq On : 29 May 2025 15:10
 Operator : JC/MD
 Sample : Q2137-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0151

Quant Time: May 30 01:30:39 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)

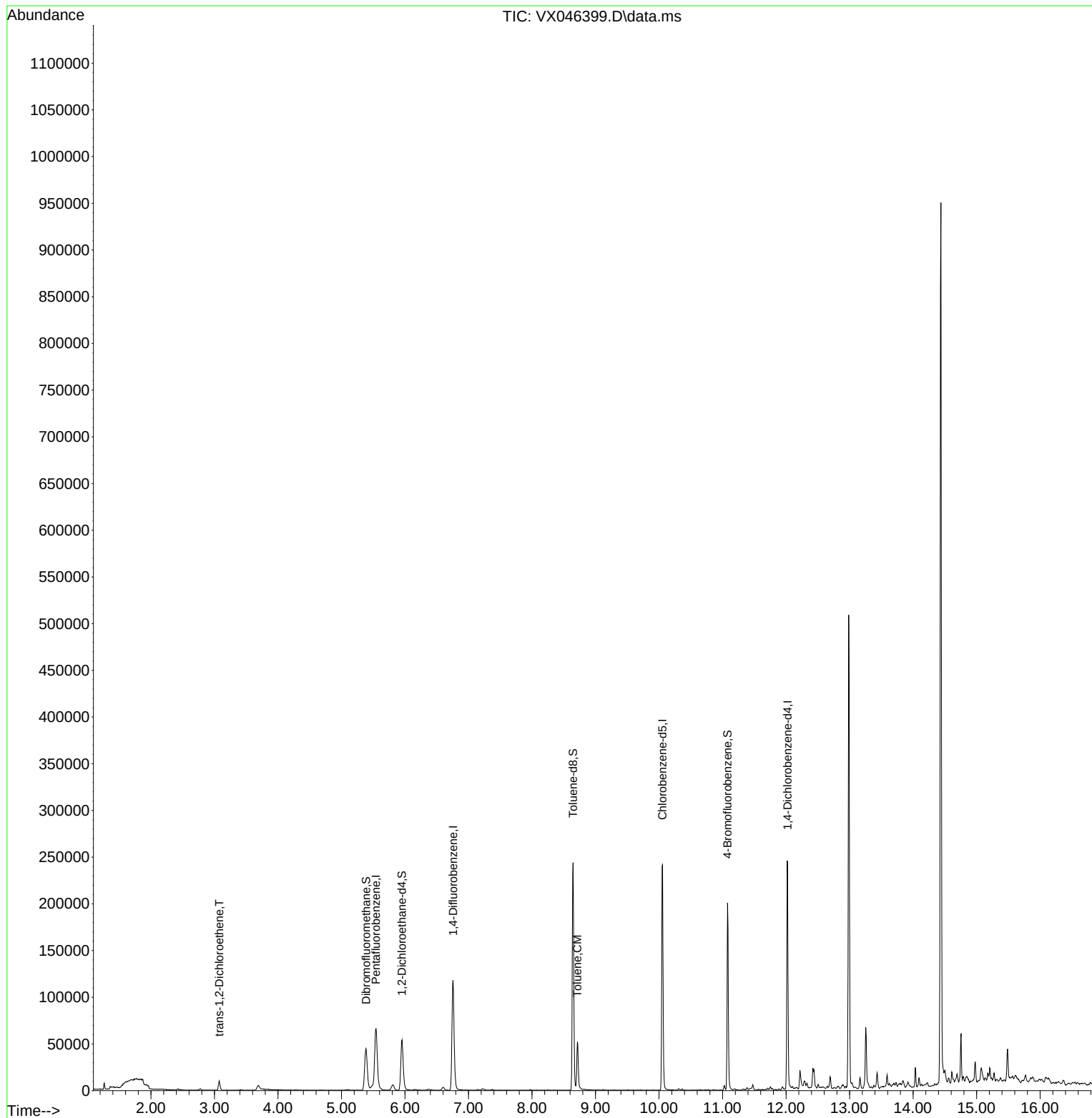
Internal Standards						
1) Pentafluorobenzene	5.544	168	56834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	113347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55358	52.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.500%
35) Dibromofluoromethane	5.385	113	39201	48.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	140643	49.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	53834	49.679	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.360%
Target Compounds						Qvalue
21) trans-1,2-Dichloroethene	3.075	96	3721	5.490	ug/l	89
52) Toluene	8.714	92	19903	10.105	ug/l	99

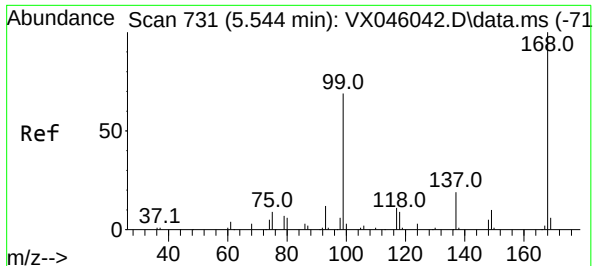
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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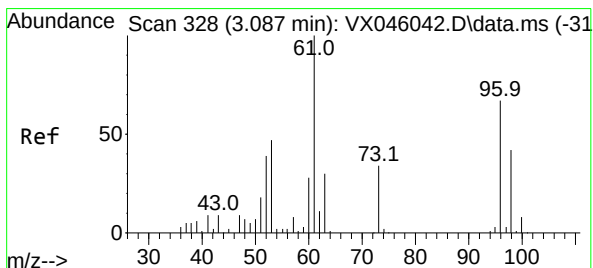
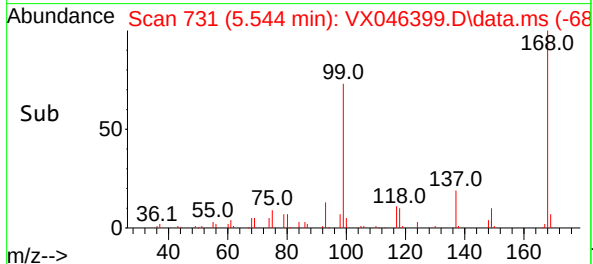
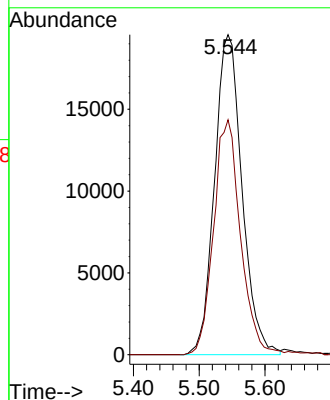
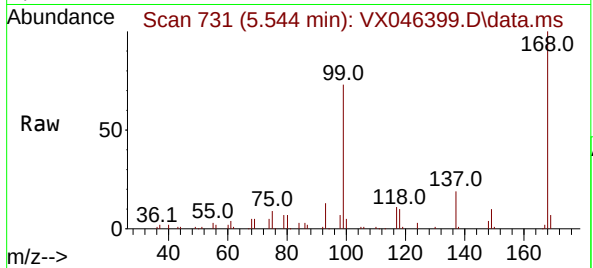




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046399.D
Acq: 29 May 2025 15:10

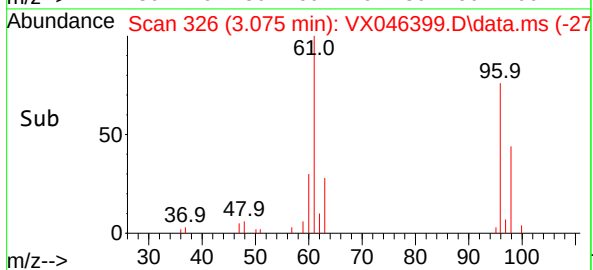
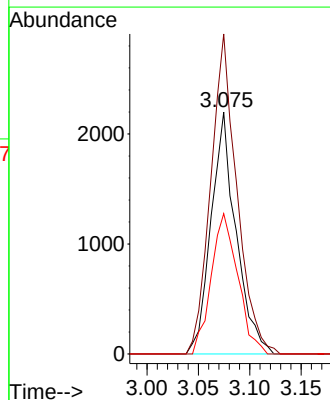
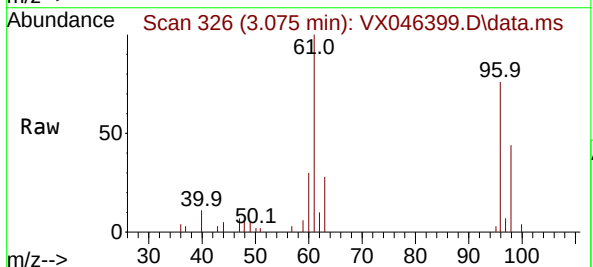
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0151

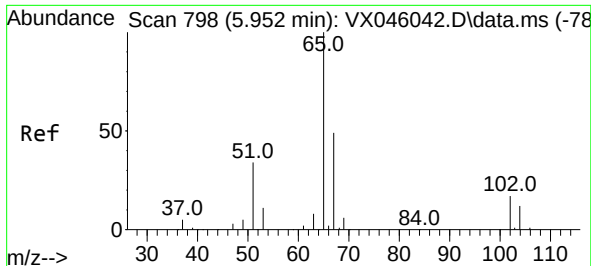
Tgt Ion:168 Resp: 56834
Ion Ratio Lower Upper
168 100
99 73.4 54.9 82.3



#21
trans-1,2-Dichloroethene
Concen: 5.490 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX046399.D
Acq: 29 May 2025 15:10

Tgt Ion: 96 Resp: 3721
Ion Ratio Lower Upper
96 100
61 132.2 119.5 179.3
98 58.0 50.0 75.0

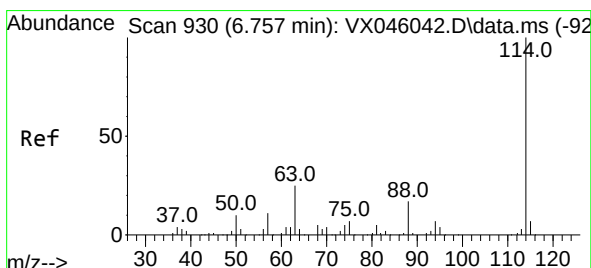
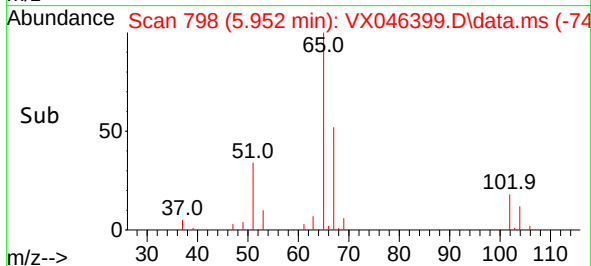
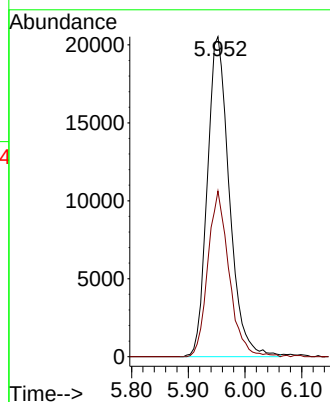
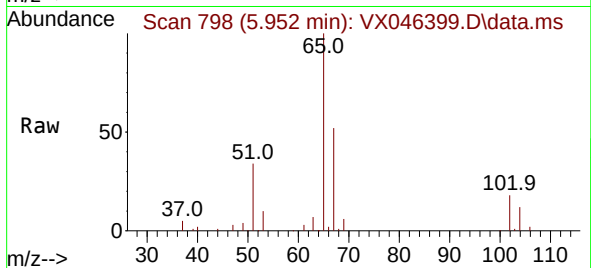




#33
 1,2-Dichloroethane-d4
 Concen: 52.246 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046399.D
 Acq: 29 May 2025 15:10

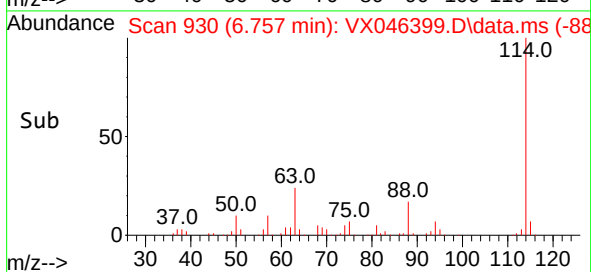
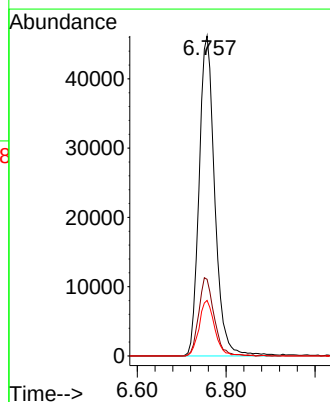
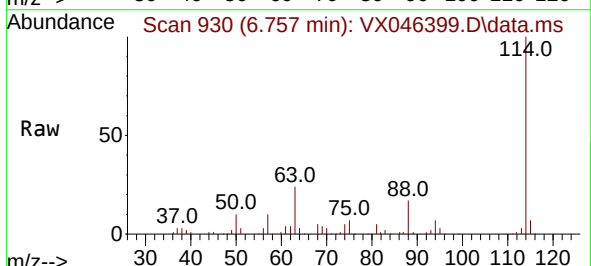
Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0151

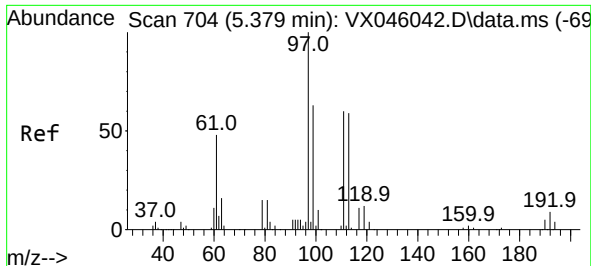
Tgt Ion: 65 Resp: 55358
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046399.D
 Acq: 29 May 2025 15:10

Tgt Ion: 114 Resp: 113347
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.028 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046399.D

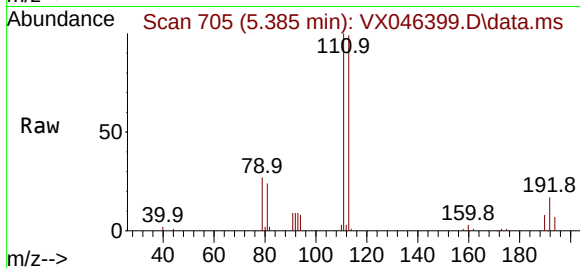
Acq: 29 May 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0151



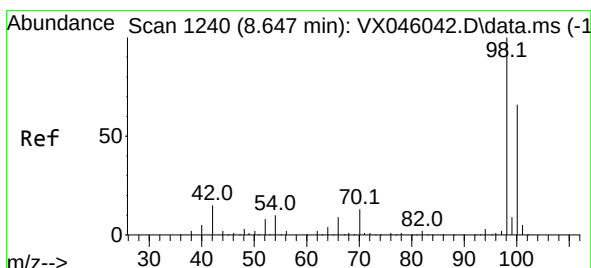
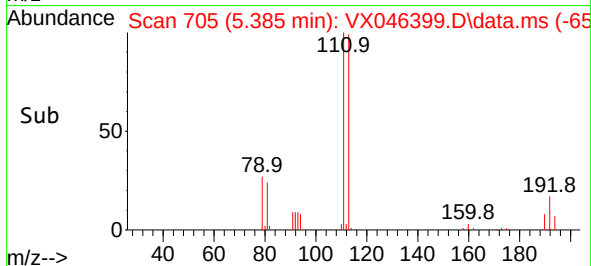
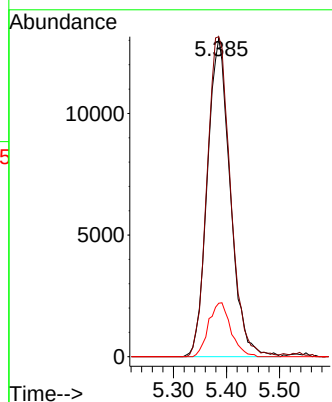
Tgt Ion:113 Resp: 39201

Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 16.5 13.3 19.9



#50

Toluene-d8

Concen: 49.784 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046399.D

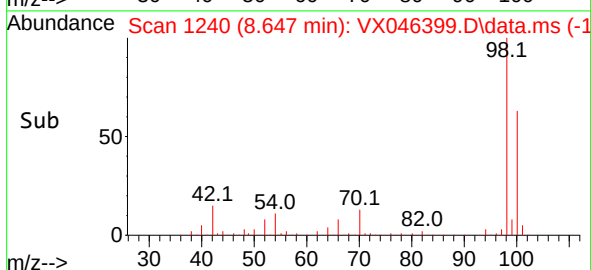
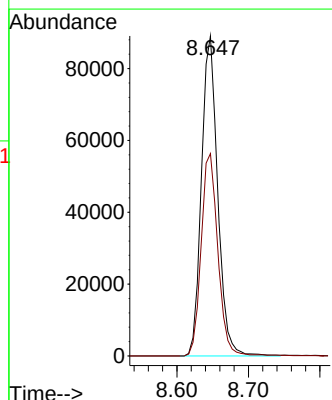
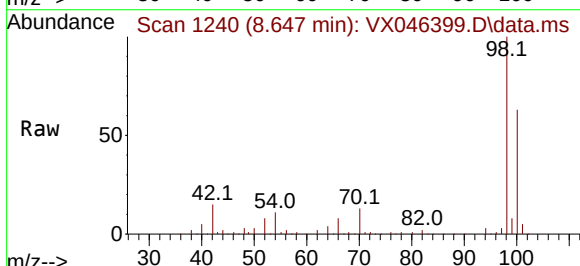
Acq: 29 May 2025 15:10

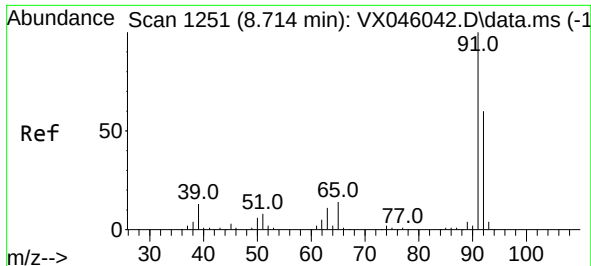
Tgt Ion: 98 Resp: 140643

Ion Ratio Lower Upper

98 100

100 65.2 53.5 80.3

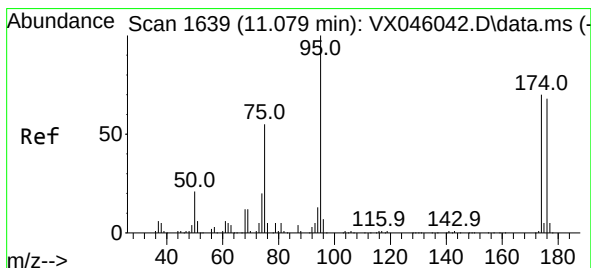
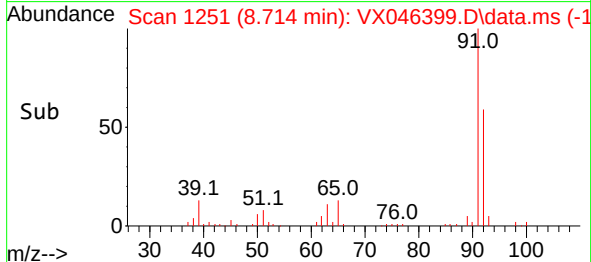
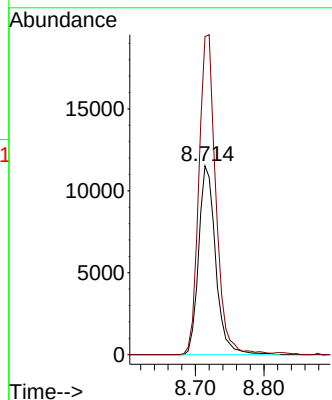
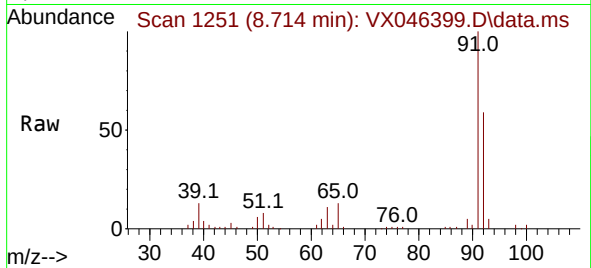




#52
Toluene
Concen: 10.105 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046399.D
Acq: 29 May 2025 15:10

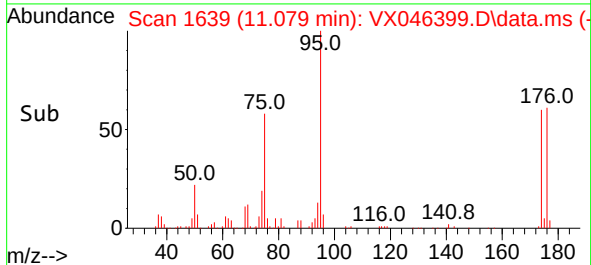
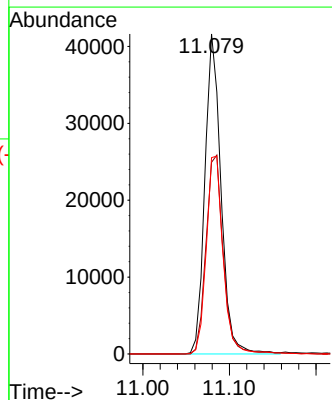
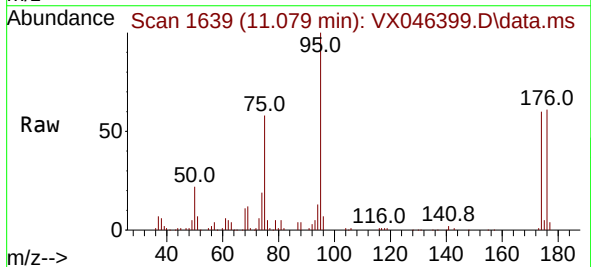
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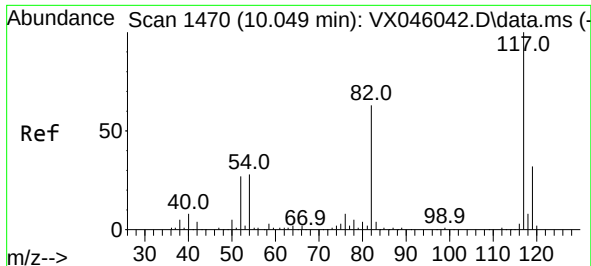
Tgt Ion: 92 Resp: 19903
Ion Ratio Lower Upper
92 100
91 169.5 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046399.D
Acq: 29 May 2025 15:10

Tgt Ion: 95 Resp: 53834
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 0.0 131.4

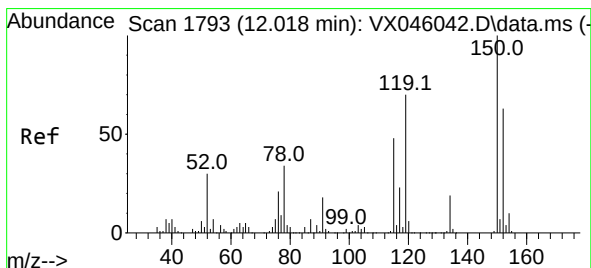
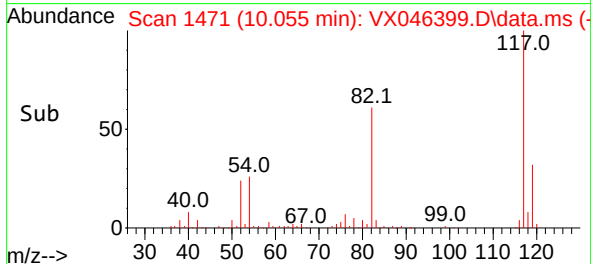
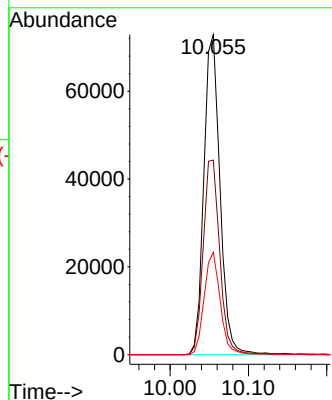
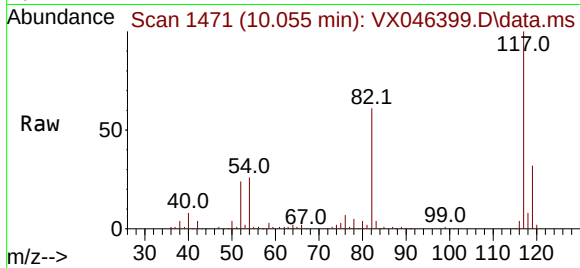




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046399.D
Acq: 29 May 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0151

Tgt Ion:117 Resp: 104432
Ion Ratio Lower Upper
117 100
82 60.8 50.6 76.0
119 32.0 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: VX046399.D
Acq: 29 May 2025 15:10

Tgt Ion:152 Resp: 46286
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 158.6 0.0 351.0

