

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046403.D
 Acq On : 29 May 2025 16:43
 Operator : JC/MD
 Sample : Q2139-01DL 10X
 Misc : 1.18g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BELL-25-0010DL

Quant Time: May 30 01:32:55 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)

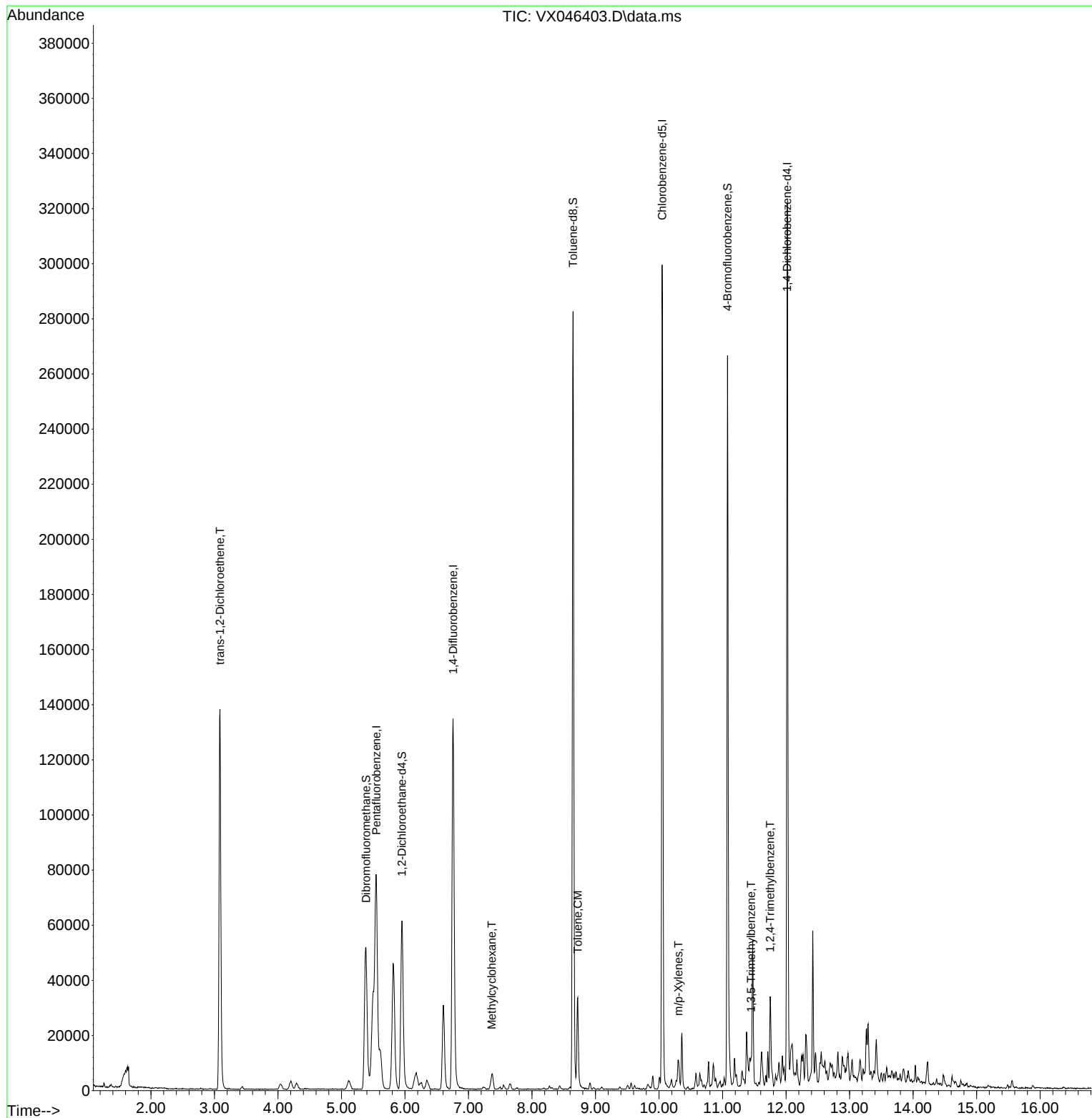
Internal Standards						
1) Pentafluorobenzene	5.550	168	65932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63447	51.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.240%	
35) Dibromofluoromethane	5.385	113	45892	49.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.580%	
50) Toluene-d8	8.647	98	160940	49.941	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	11.079	95	66241	53.587	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.180%	
Target Compounds						
					Qvalue	
21) trans-1,2-Dichloroethene	3.087	96	52274	66.489	ug/l	94
39) Methylcyclohexane	7.366	83	2209	1.372	ug/l	84
52) Toluene	8.720	92	12537	5.580	ug/l	99
68) m/p-Xylenes	10.305	106	2730	1.585	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	3913	1.022	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	13634	3.517	ug/l	98

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

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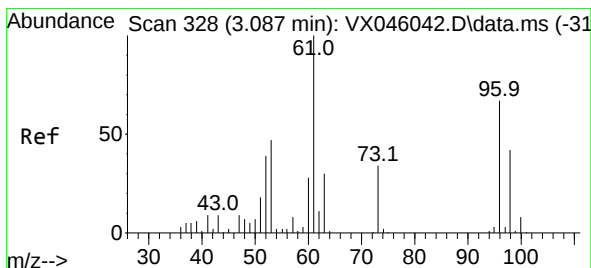
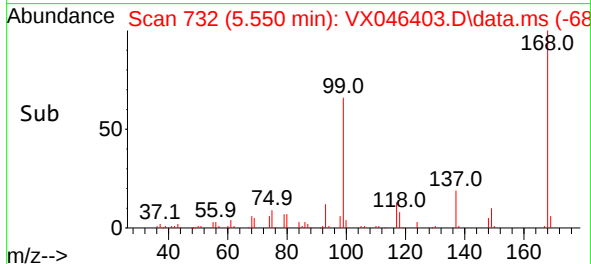
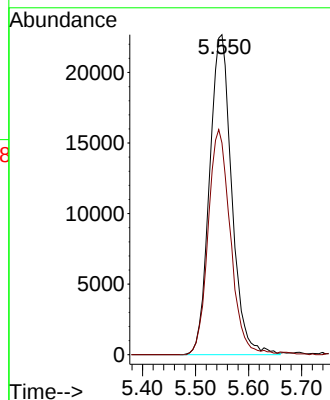
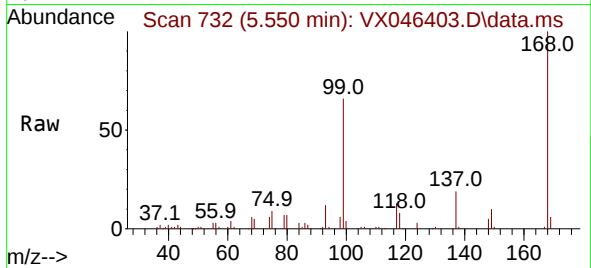




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

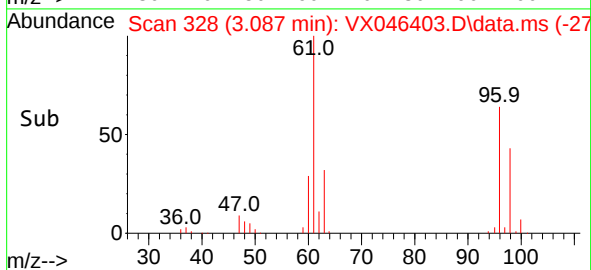
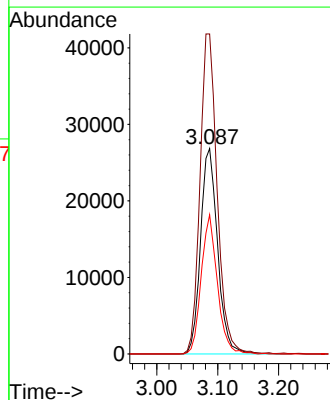
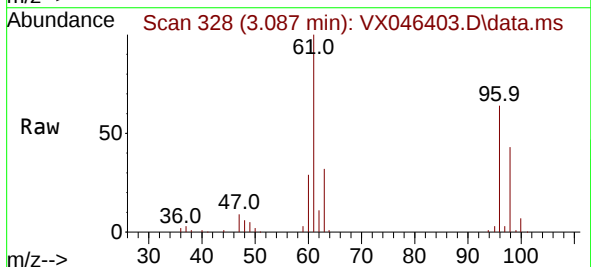
Instrument :
MSVOA_X
ClientSampleId :
BELL-25-0010DL

Tgt Ion:168 Resp: 65932
Ion Ratio Lower Upper
168 100
99 66.2 54.9 82.3



#21
trans-1,2-Dichloroethene
Concen: 66.489 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

Tgt Ion: 96 Resp: 52274
Ion Ratio Lower Upper
96 100
61 155.8 119.5 179.3
98 67.7 50.0 75.0

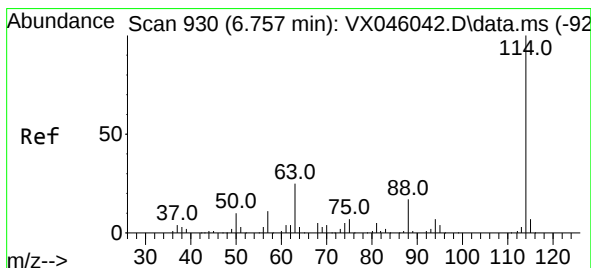
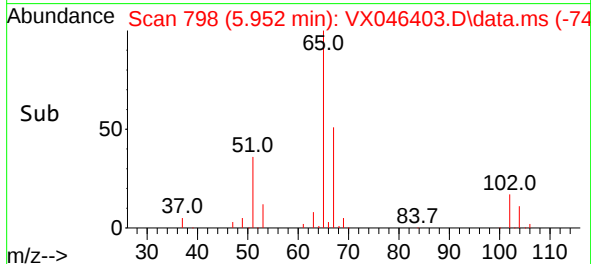
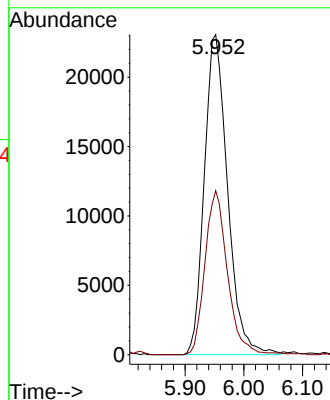
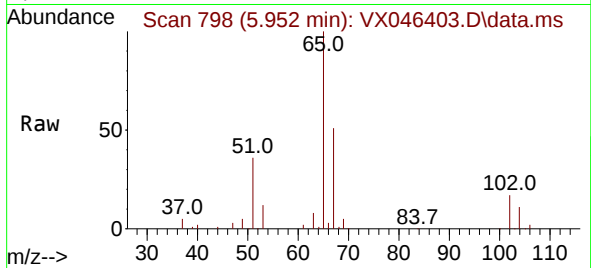




#33
 1,2-Dichloroethane-d4
 Concen: 51.617 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046403.D
 Acq: 29 May 2025 16:43

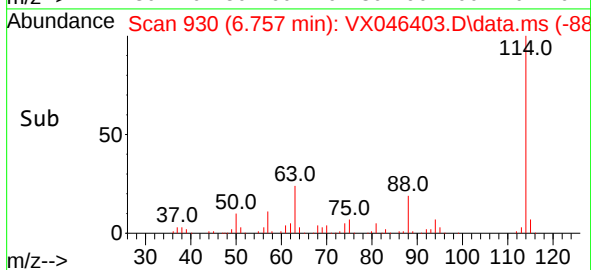
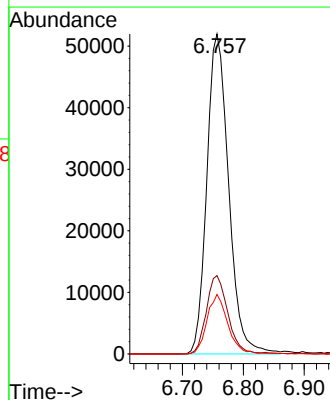
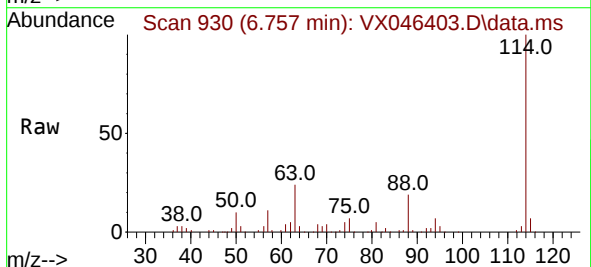
Instrument :
 MSVOA_X
 ClientSampleId :
 BELL-25-0010DL

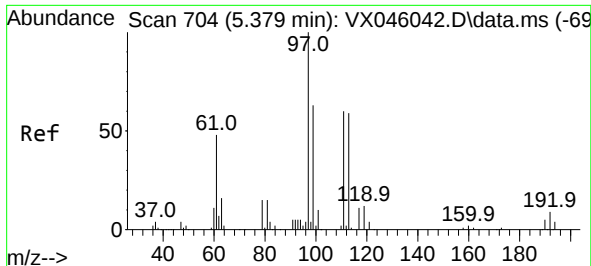
Tgt Ion: 65 Resp: 63447
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046403.D
 Acq: 29 May 2025 16:43

Tgt Ion: 114 Resp: 129297
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 18.6 0.0 33.6

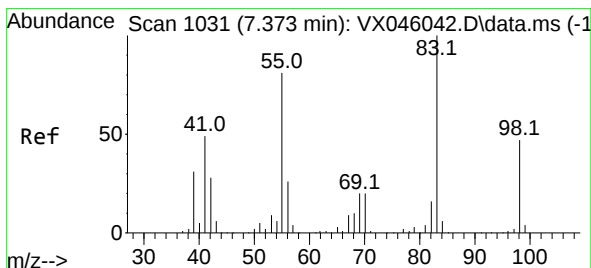
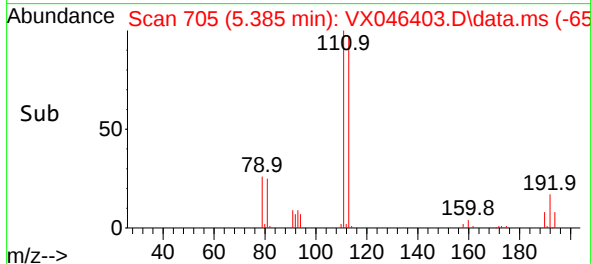
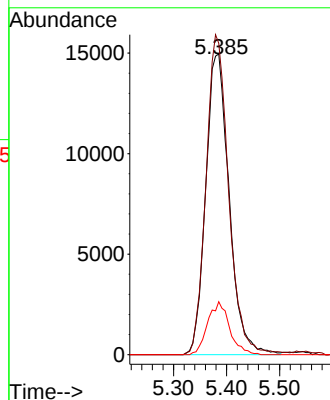
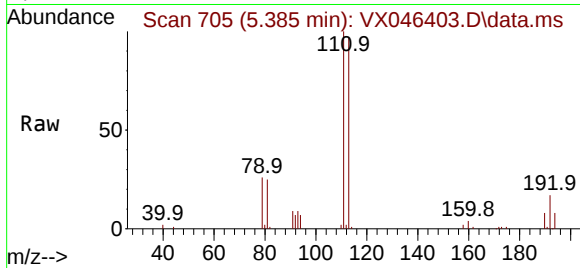




#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

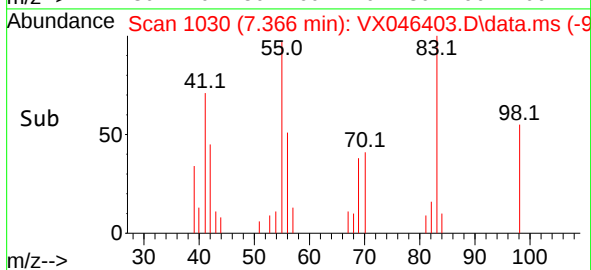
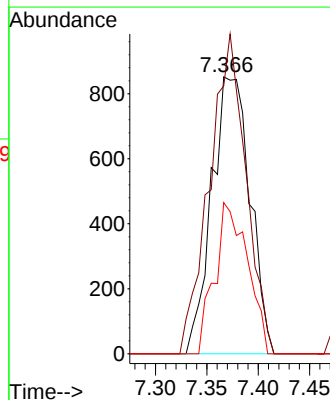
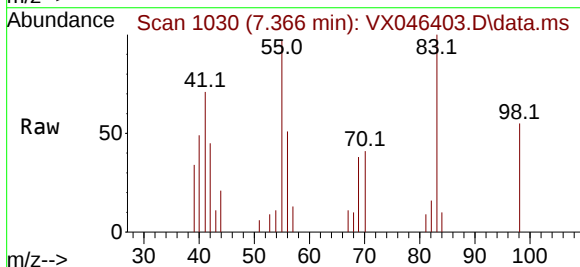
Instrument :
MSVOA_X
ClientSampleId :
BELL-25-0010DL

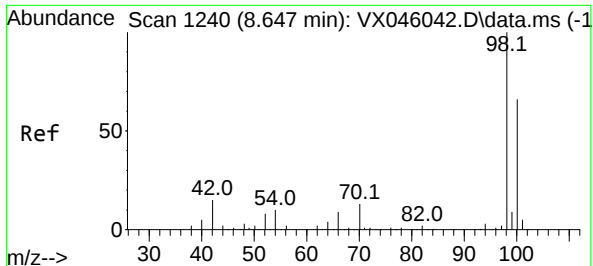
Tgt Ion:113 Resp: 45892
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.5 13.3 19.9



#39
Methylcyclohexane
Concen: 1.372 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

Tgt Ion: 83 Resp: 2209
Ion Ratio Lower Upper
83 100
55 96.7 64.7 97.1
98 54.6 37.4 56.2

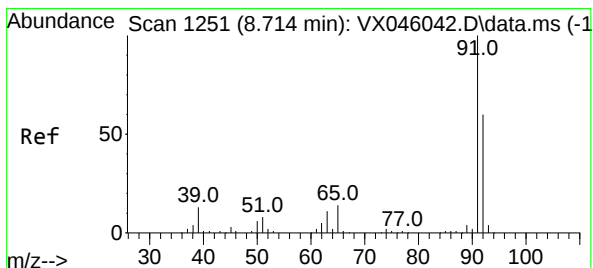
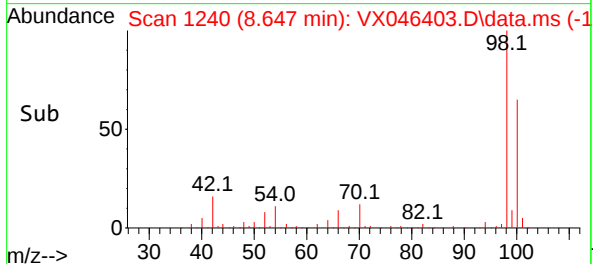
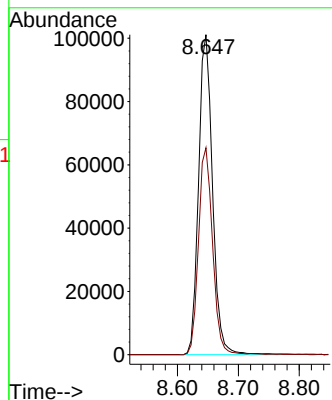
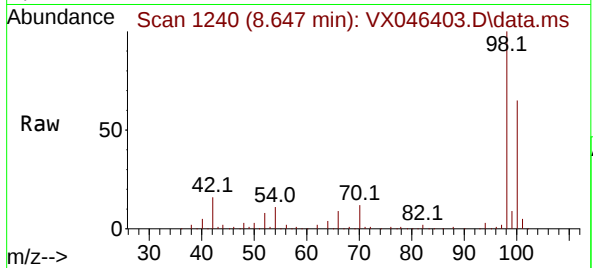




#50
Toluene-d8
Concen: 49.941 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

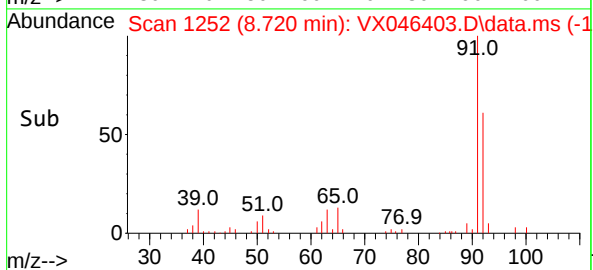
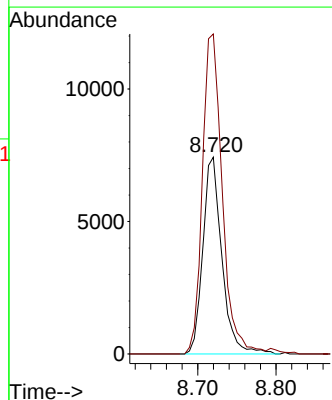
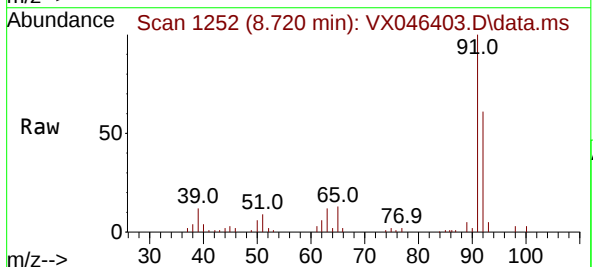
Instrument :
MSVOA_X
ClientSampleId :
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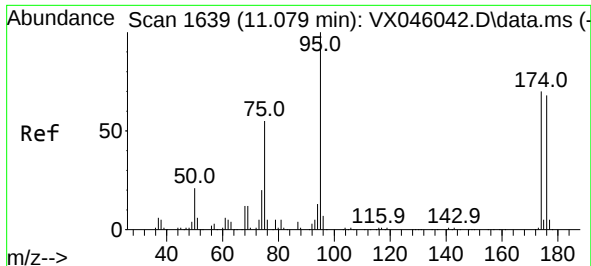
Tgt Ion: 98 Resp: 160940
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#52
Toluene
Concen: 5.580 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

Tgt Ion: 92 Resp: 12537
Ion Ratio Lower Upper
92 100
91 169.3 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 53.587 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046403.D

Acq: 29 May 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

BELL-25-0010DL

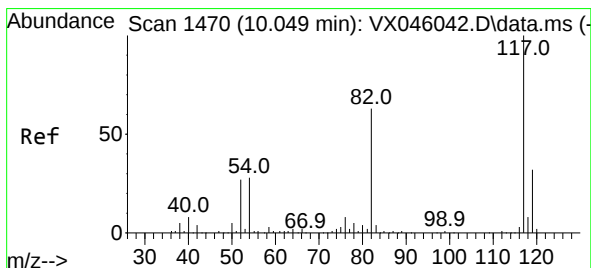
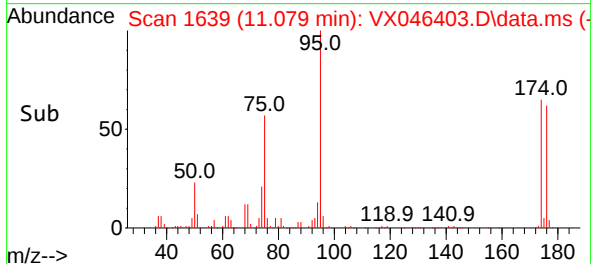
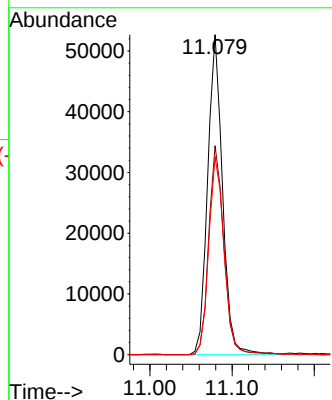
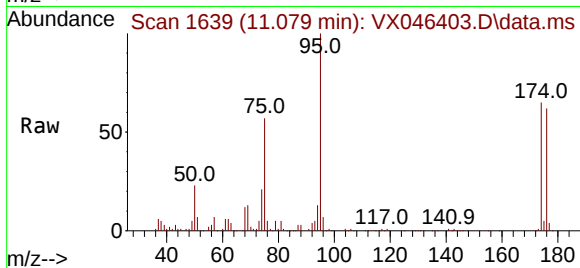
Tgt Ion: 95 Resp: 66241

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.8

176 64.1 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046403.D

Acq: 29 May 2025 16:43

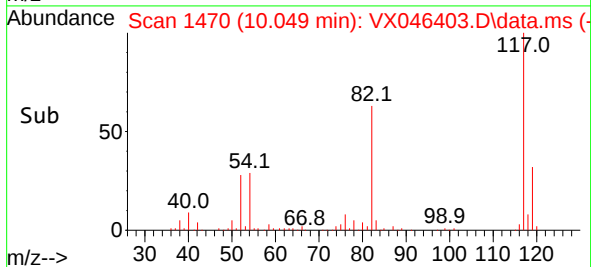
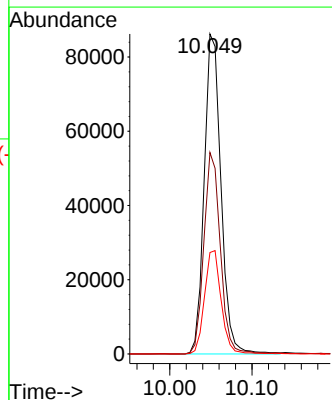
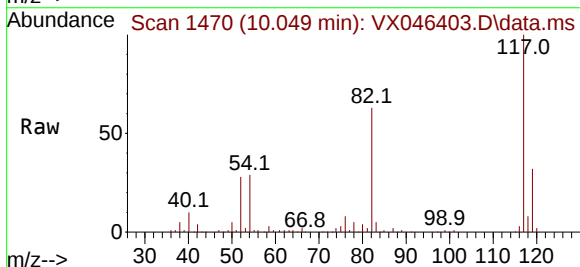
Tgt Ion: 117 Resp: 122069

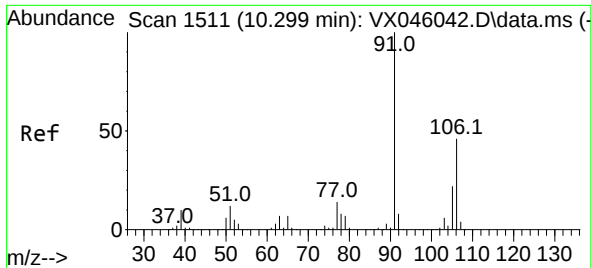
Ion Ratio Lower Upper

117 100

82 63.0 50.6 76.0

119 31.7 25.8 38.6

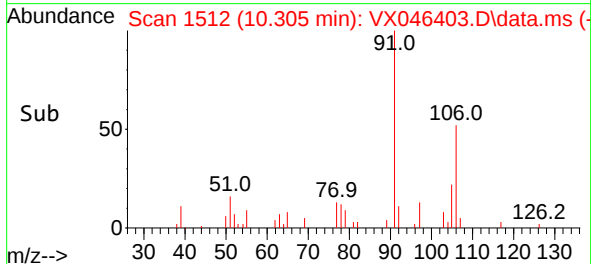
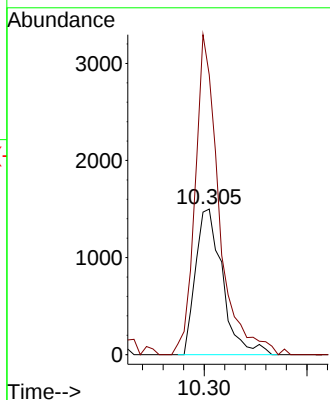
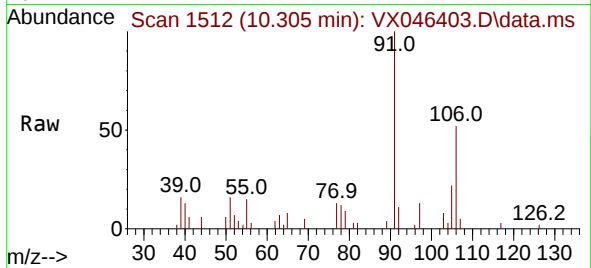




#68
m/p-Xylenes
Concen: 1.585 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

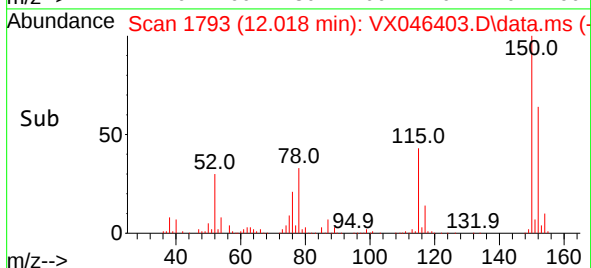
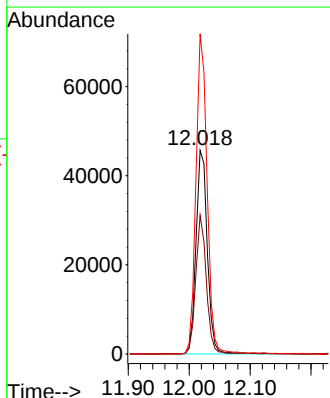
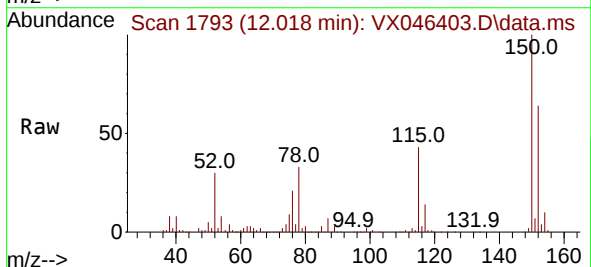
Instrument :
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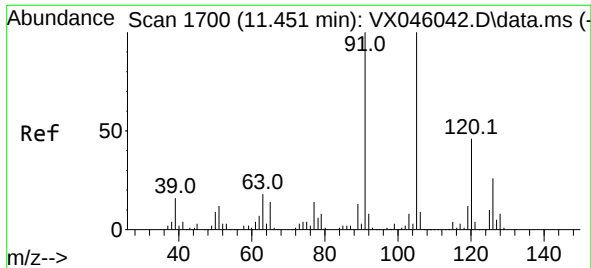
Tgt Ion:106 Resp: 2730
Ion Ratio Lower Upper
106 100
91 196.0 171.2 256.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046403.D
Acq: 29 May 2025 16:43

Tgt Ion:152 Resp: 58855
Ion Ratio Lower Upper
152 100
115 63.6 46.9 140.7
150 154.3 0.0 351.0

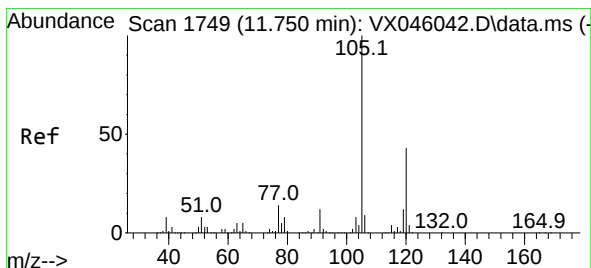
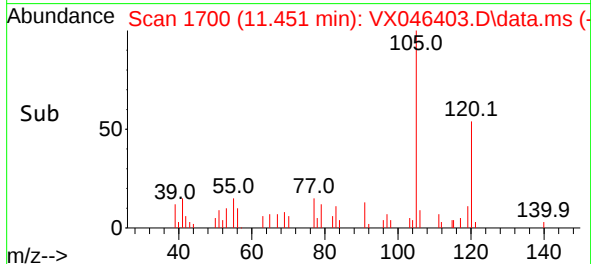
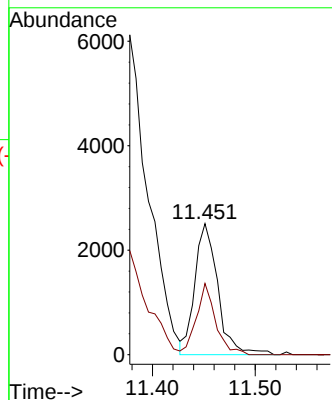
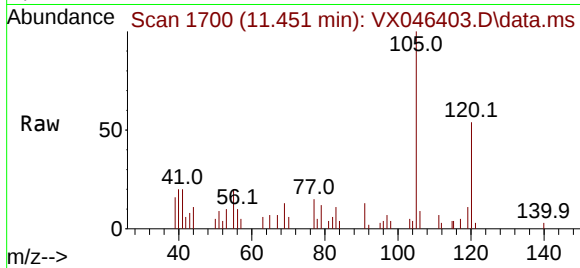




#80
 1,3,5-Trimethylbenzene
 Concen: 1.022 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046403.D
 Acq: 29 May 2025 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BELL-25-0010DL

Tgt Ion:105 Resp: 3913
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.517 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046403.D
 Acq: 29 May 2025 16:43

Tgt Ion:105 Resp: 13634
 Ion Ratio Lower Upper
 105 100
 120 41.3 21.2 63.6

