

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046824.D
 Acq On : 23 Jun 2025 16:38
 Operator : JC/MD
 Sample : Q2371-04DL 1000X
 Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

Quant Time: Jun 24 04:10:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

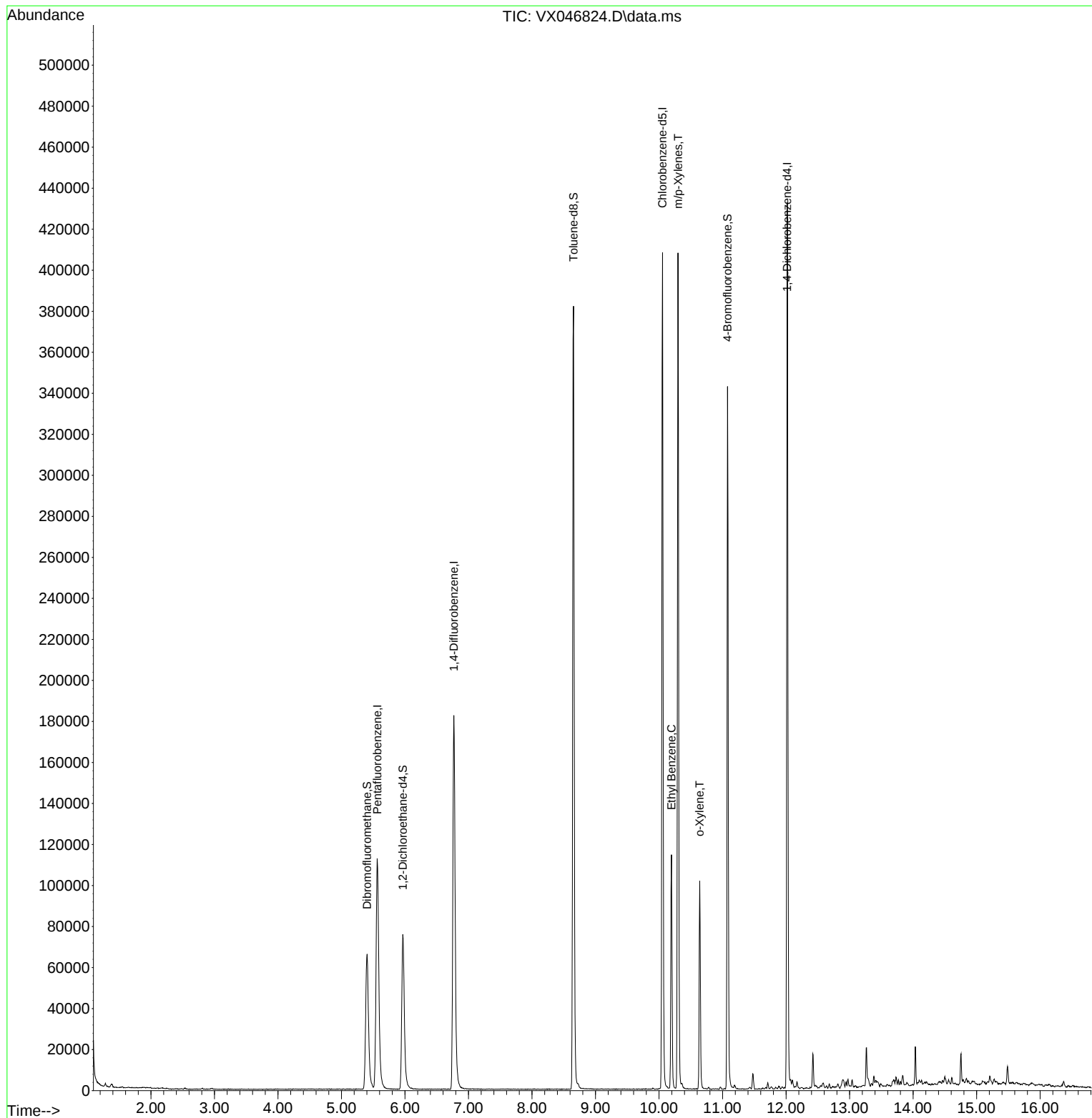
Internal Standards						
1) Pentafluorobenzene	5.562	168	116345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79202	49.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	5.403	113	63780	47.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.653	98	238294	49.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	92217	51.675	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.340%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	68180	9.566	ug/l	99
68) m/p-Xylenes	10.299	106	92564	34.854	ug/l	99
69) o-Xylene	10.640	106	22590	9.076	ug/l	93

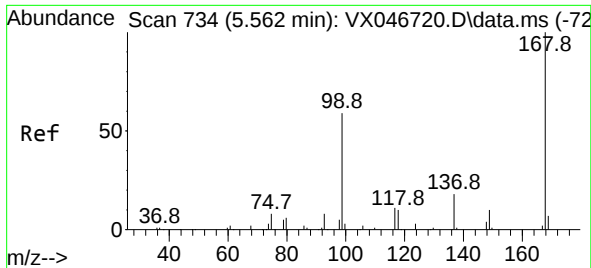
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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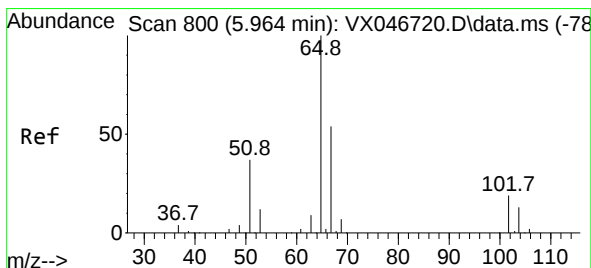
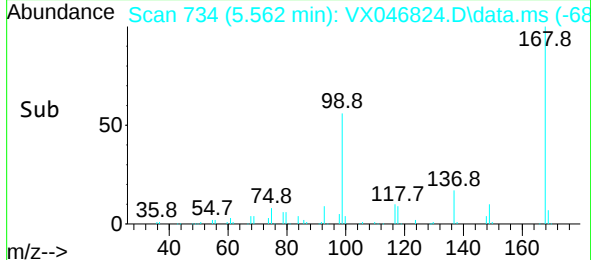
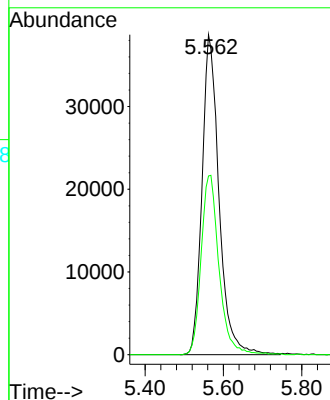
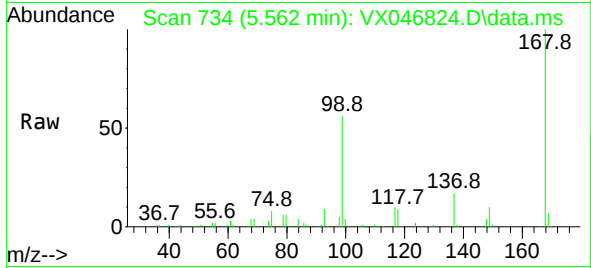




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

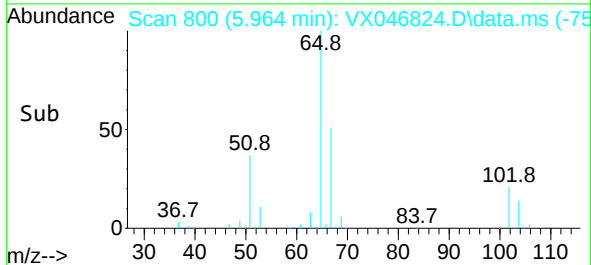
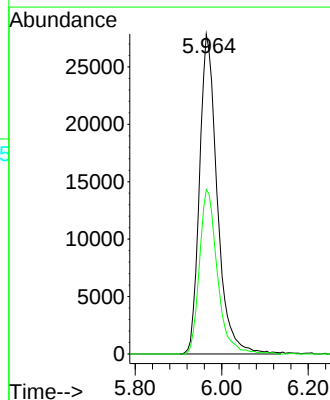
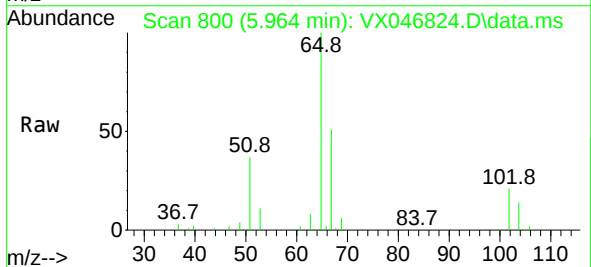
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion:168 Resp: 116345
Ion Ratio Lower Upper
168 100
99 55.9 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 49.216 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

Tgt Ion: 65 Resp: 79202
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

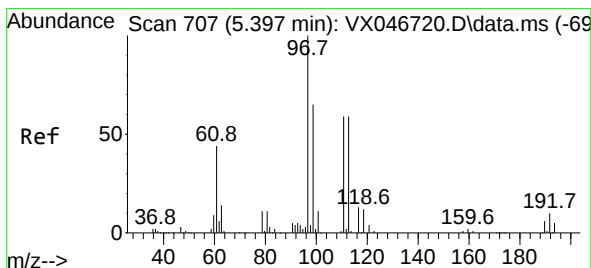
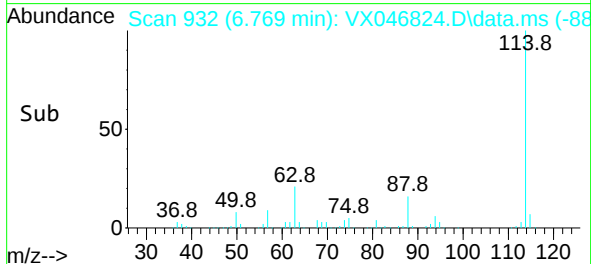
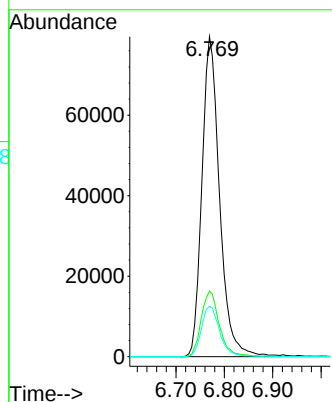
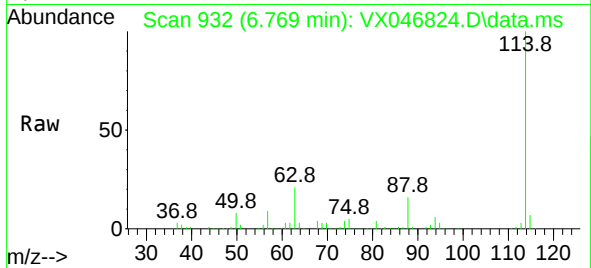




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

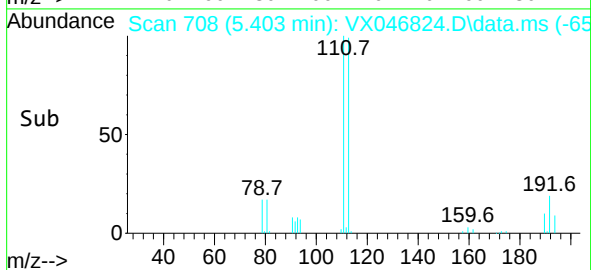
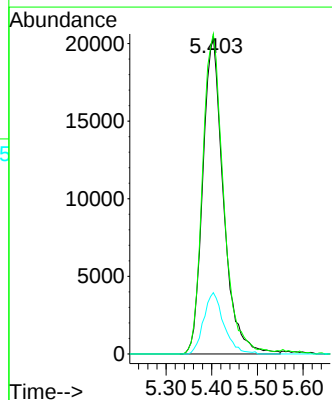
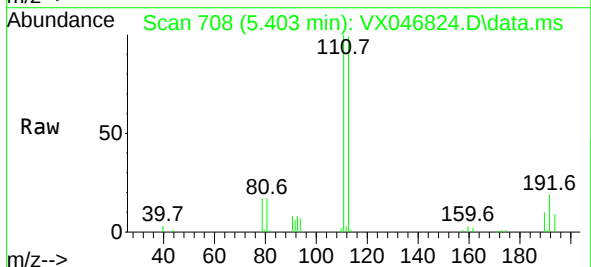
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

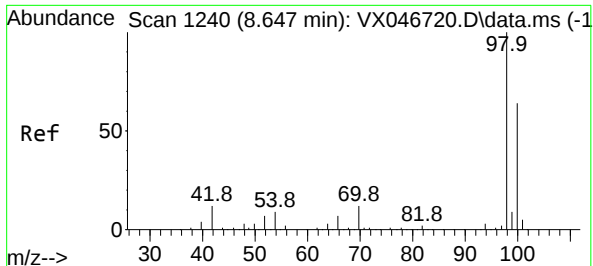
Tgt Ion:114 Resp: 201396
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

Tgt Ion:113 Resp: 63780
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.0 15.3 22.9

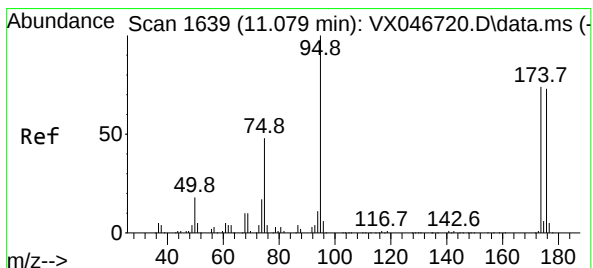
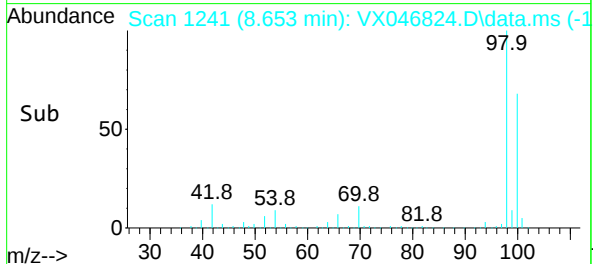
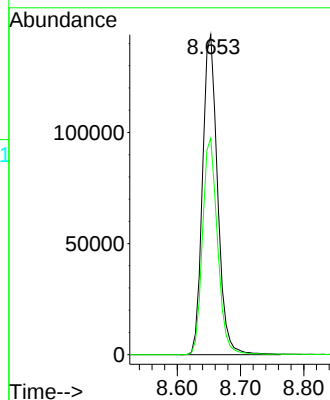
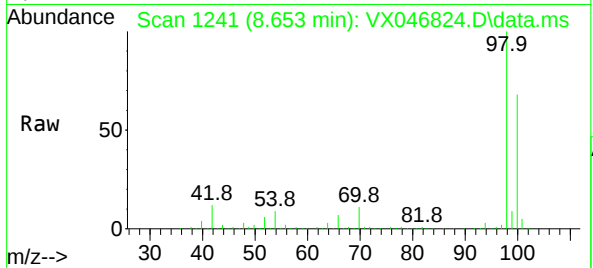




#50
Toluene-d8
Concen: 49.776 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

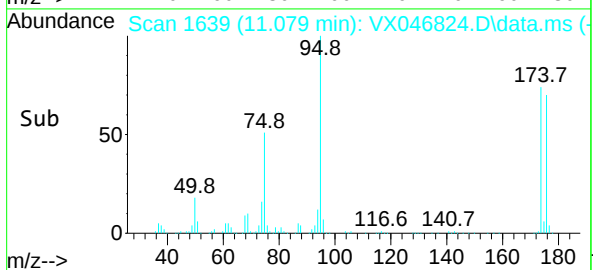
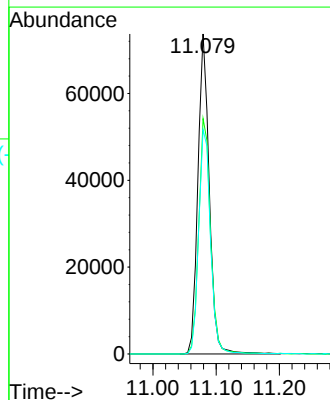
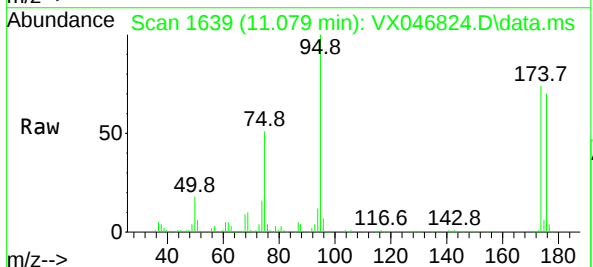
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

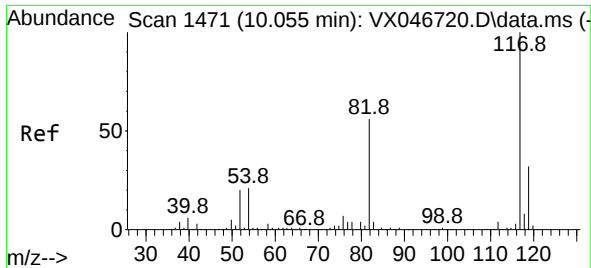
Tgt Ion: 98 Resp: 238294
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

Tgt Ion: 95 Resp: 92217
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 73.2 0.0 145.0

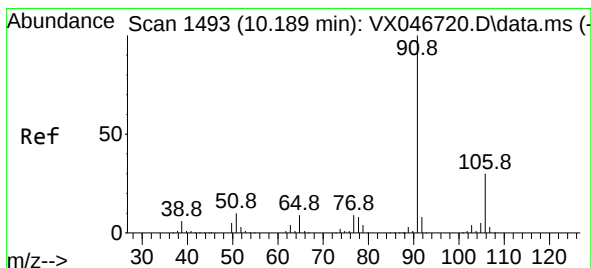
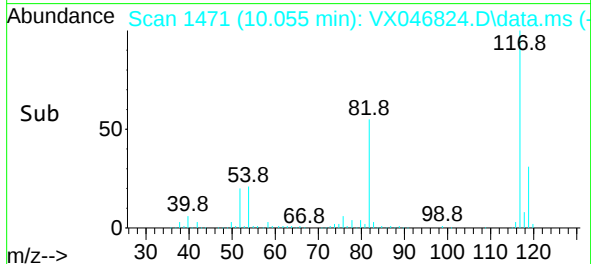
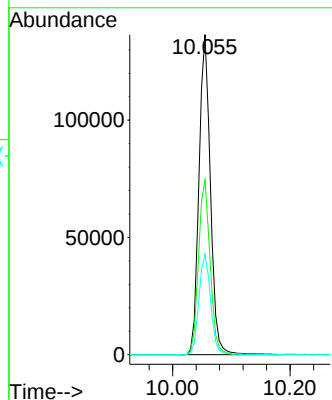
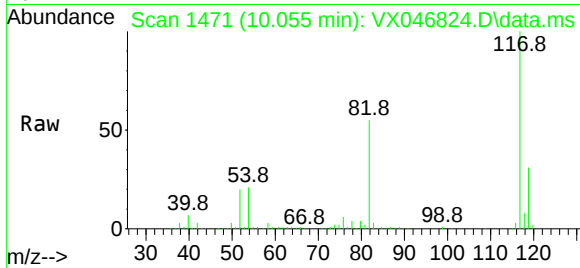




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

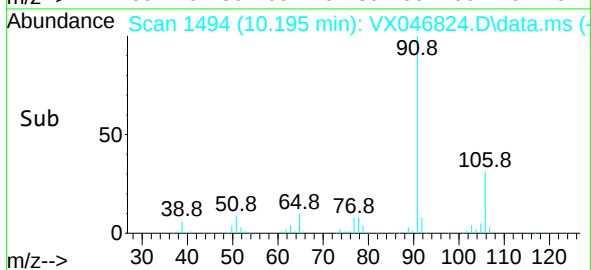
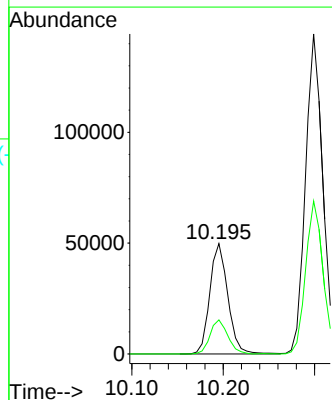
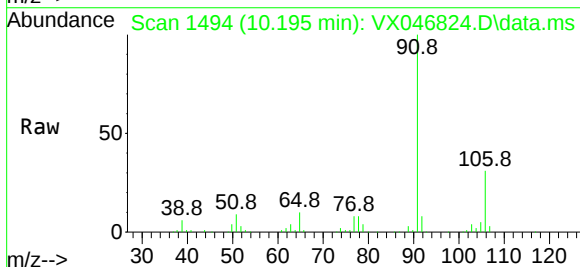
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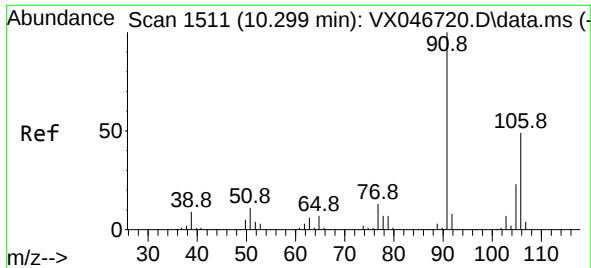
Tgt Ion:117 Resp: 184795
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 31.3 25.8 38.8



#67
Ethyl Benzene
Concen: 9.566 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

Tgt Ion: 91 Resp: 68180
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2

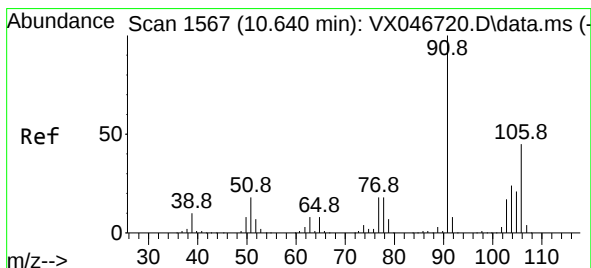
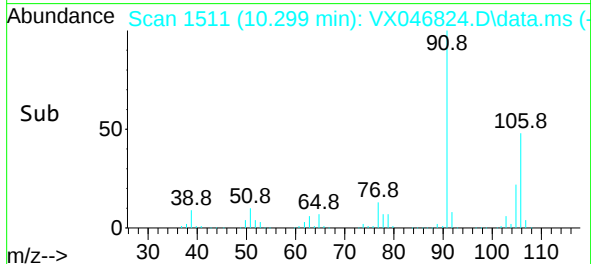
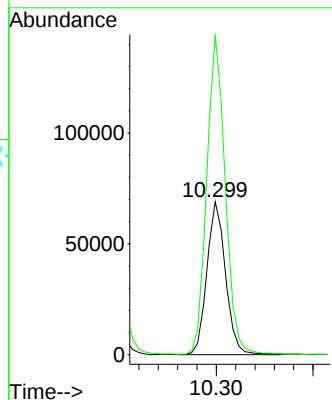
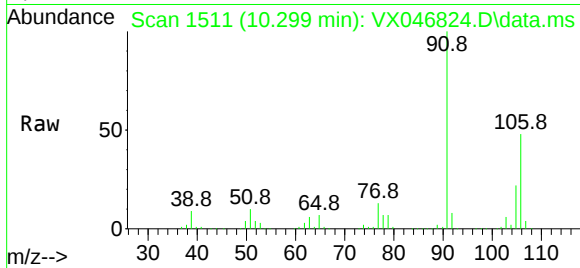




#68
m/p-Xylenes
Concen: 34.854 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

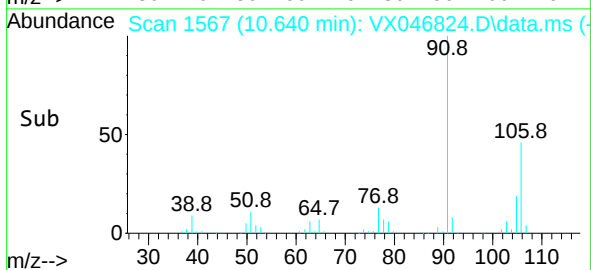
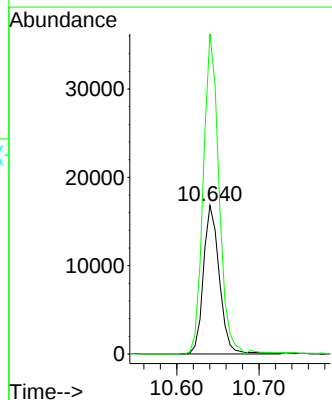
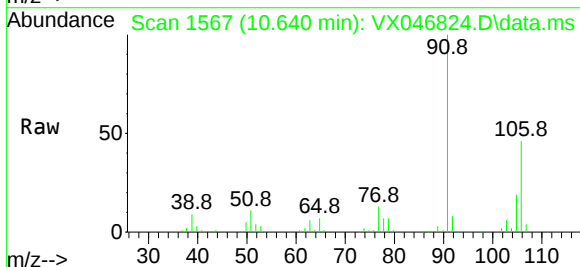
Instrument :
MSVOA_X
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RPXY42025DL

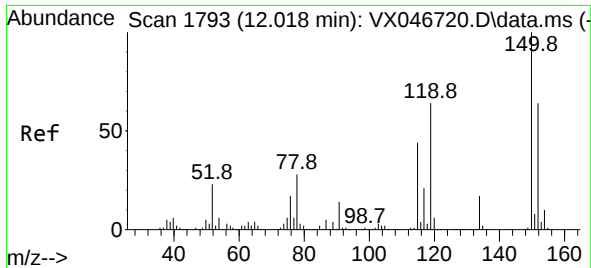
Tgt Ion:106 Resp: 92564
Ion Ratio Lower Upper
106 100
91 208.1 164.8 247.2



#69
o-Xylene
Concen: 9.076 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046824.D
Acq: 23 Jun 2025 16:38

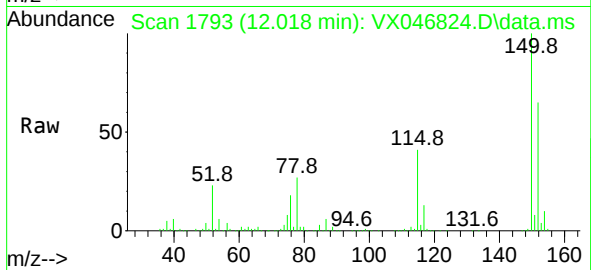
Tgt Ion:106 Resp: 22590
Ion Ratio Lower Upper
106 100
91 211.3 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046824.D
 Acq: 23 Jun 2025 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.2	129.6
150	154.9	0.0	346.8

