

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047862.D
 Acq On : 26 Sep 2025 16:31
 Operator : JC/MD
 Sample : Q3156-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB03-20250918

Quant Time: Sep 26 23:17:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

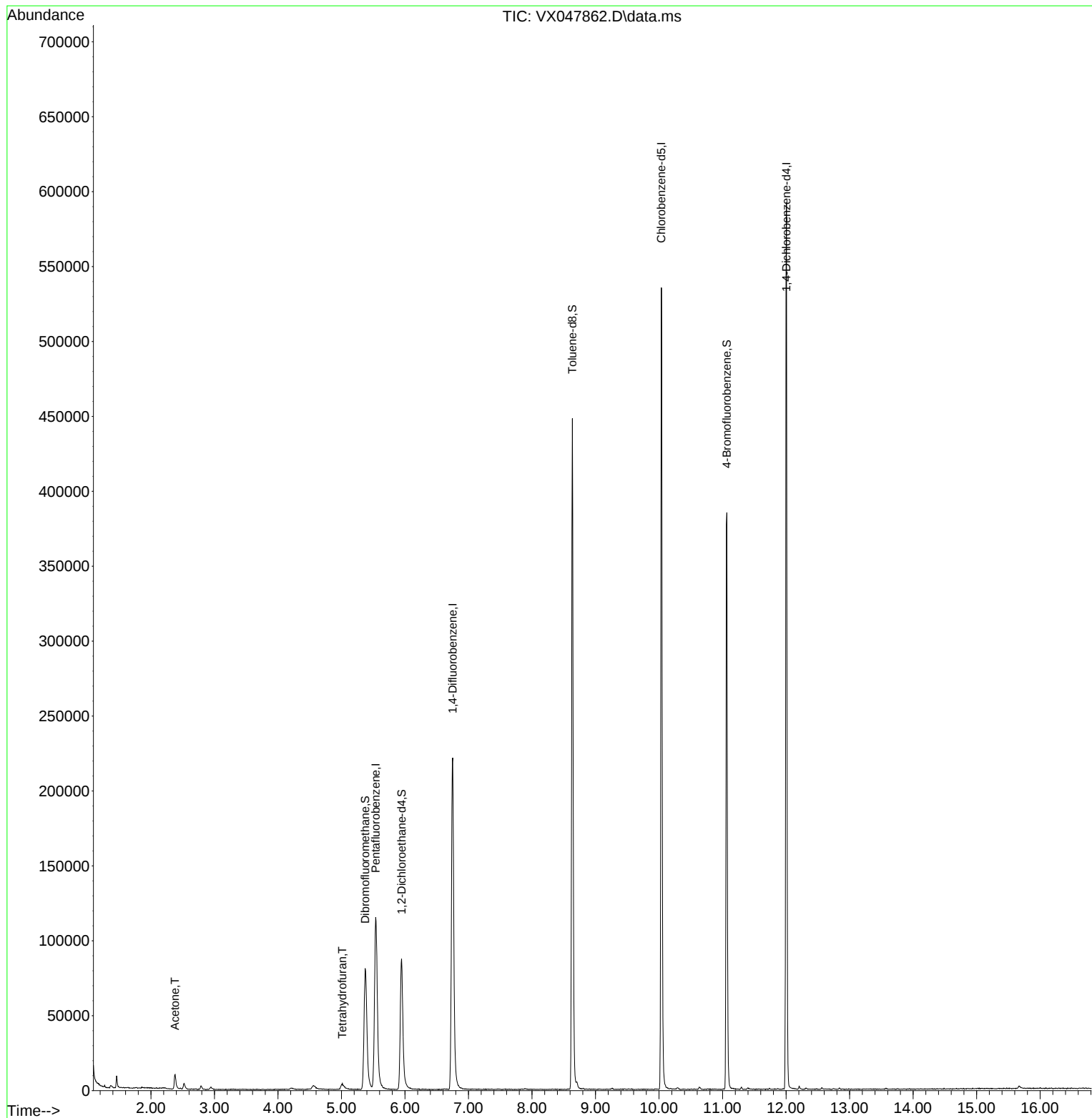
Internal Standards						
1) Pentafluorobenzene	5.537	168	117431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	245049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	248321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95765	51.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.460%
35) Dibromofluoromethane	5.373	113	80276	48.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	8.634	98	275851	48.509	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.067	95	114349	52.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.960%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	13534	16.652	ug/l	100
29) Tetrahydrofuran	5.013	42	3947	6.472	ug/l #	89

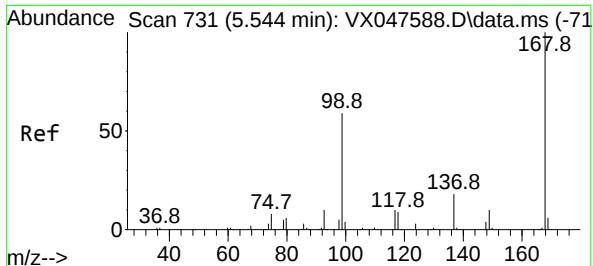
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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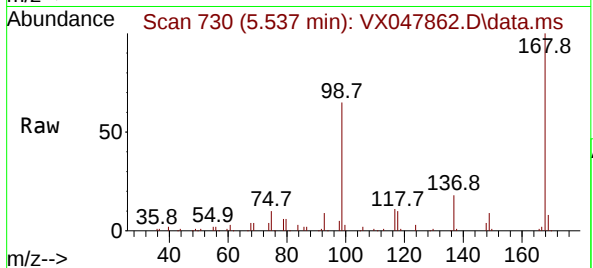
Quant Time: Sep 26 23:17:54 2025
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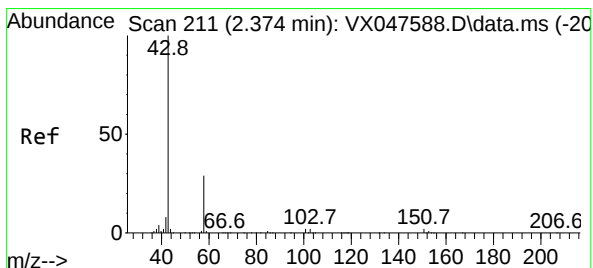
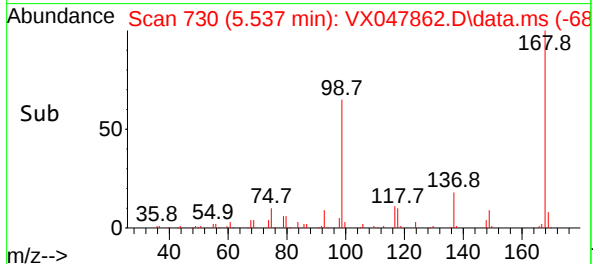
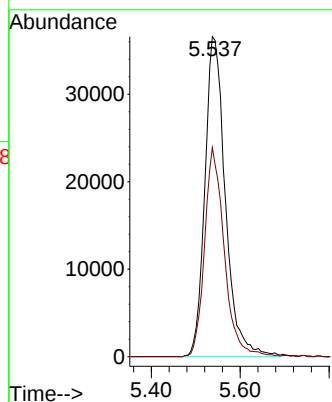


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
EB03-20250918

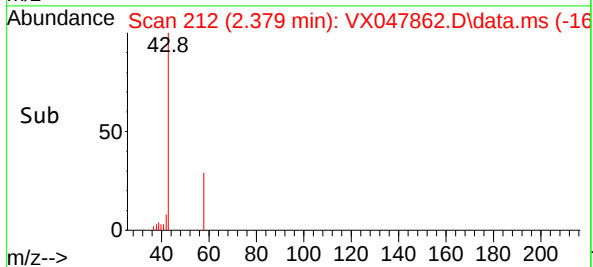
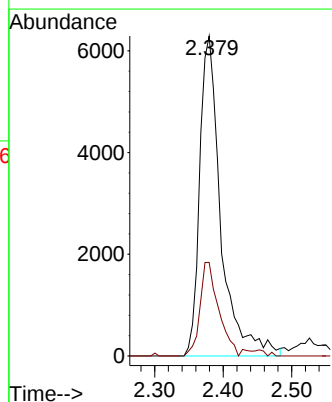
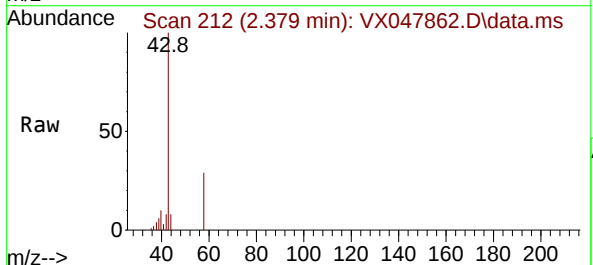


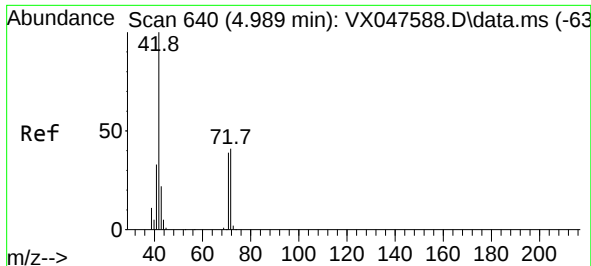
Tgt Ion:168 Resp: 117431
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2



#16
Acetone
Concen: 16.652 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Tgt Ion: 43 Resp: 13534
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.0





#29

Tetrahydrofuran

Concen: 6.472 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX047862.D

Acq: 26 Sep 2025 16:31

Instrument :

MSVOA_X

ClientSampleId :

EB03-20250918

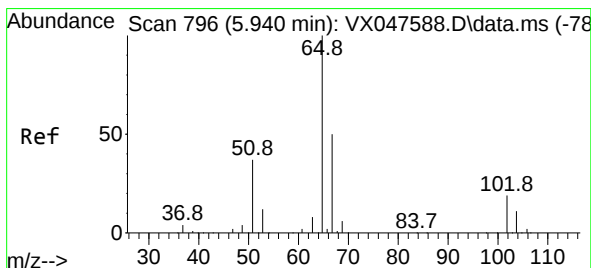
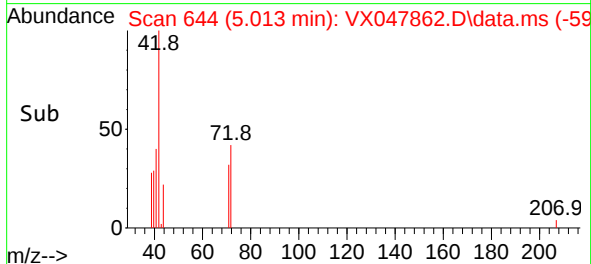
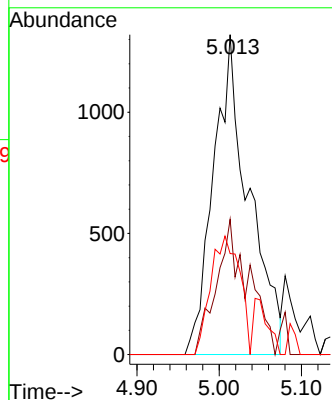
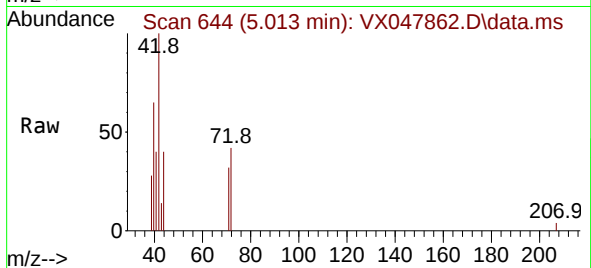
Tgt Ion: 42 Resp: 3947

Ion Ratio Lower Upper

42 100

72 38.5 34.2 51.2

71 30.4 31.9 47.9#



#33

1,2-Dichloroethane-d4

Concen: 51.233 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047862.D

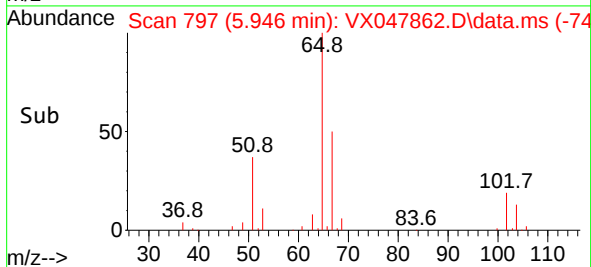
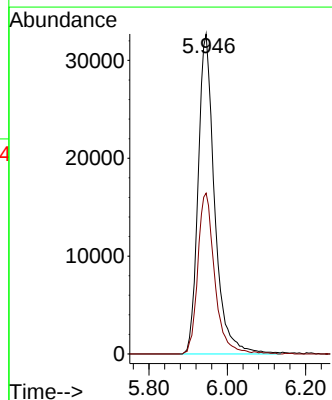
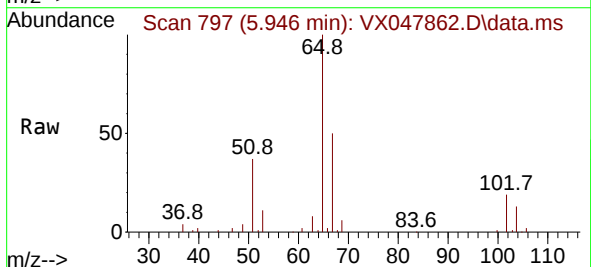
Acq: 26 Sep 2025 16:31

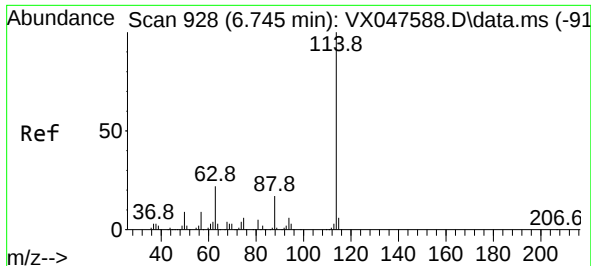
Tgt Ion: 65 Resp: 95765

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0

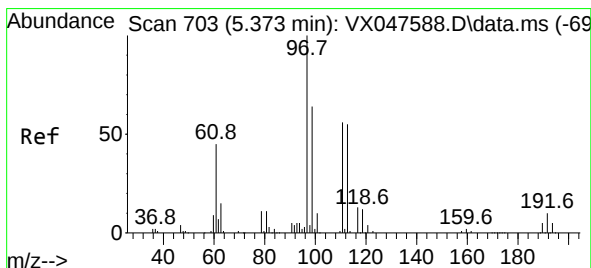
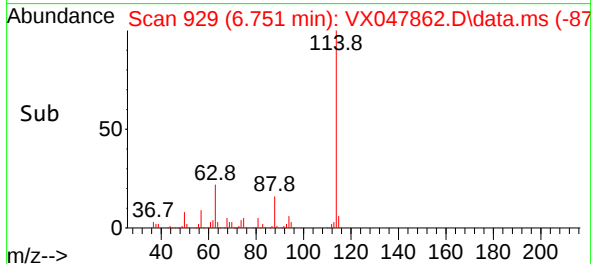
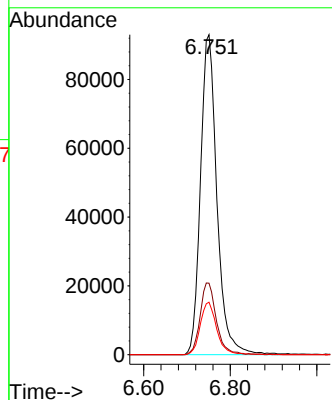
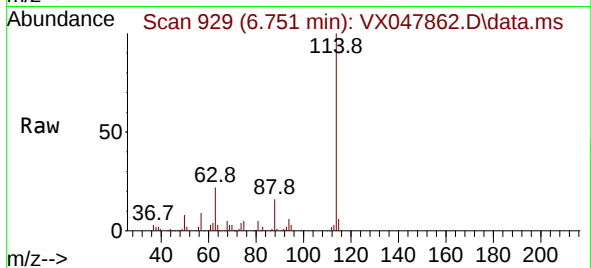




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

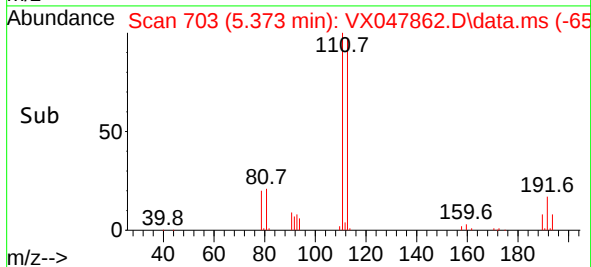
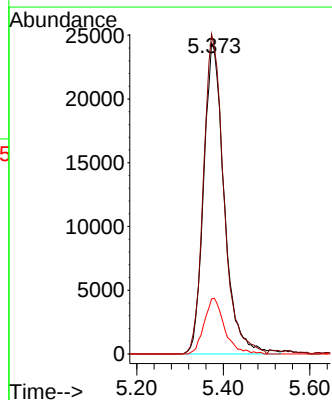
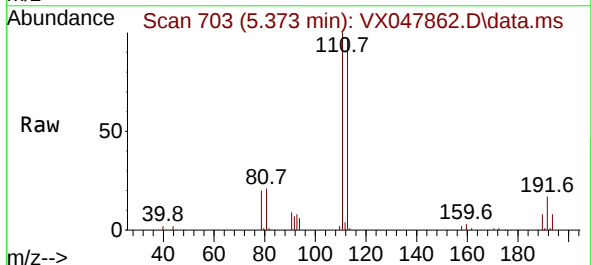
Instrument :
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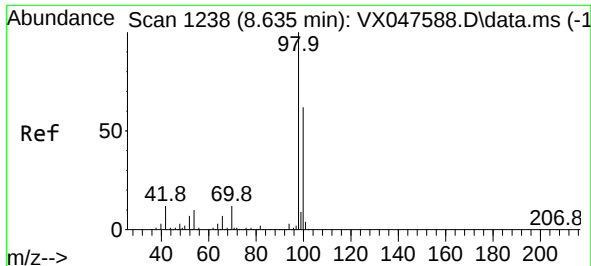
Tgt Ion:114 Resp: 245049
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Tgt Ion:113 Resp: 80276
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.8 14.2 21.4

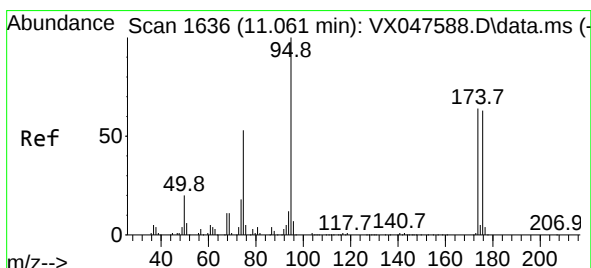
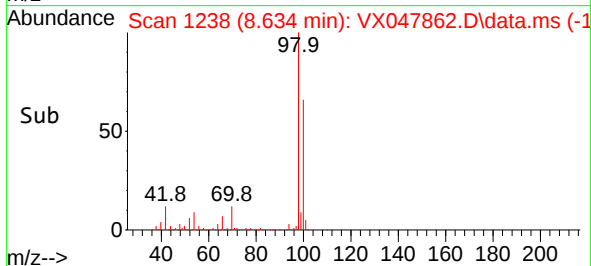
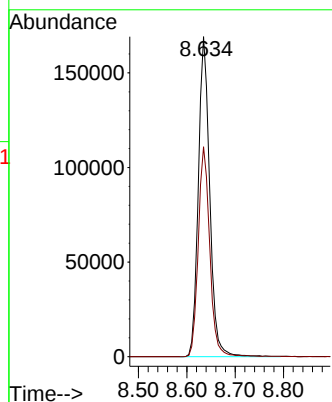
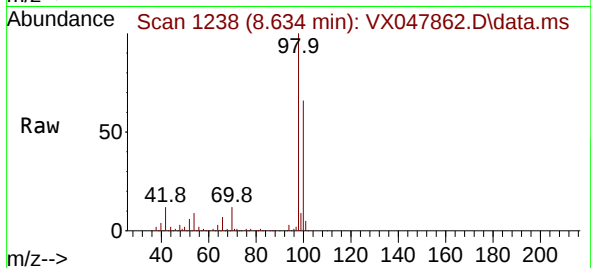




#50
Toluene-d8
Concen: 48.509 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

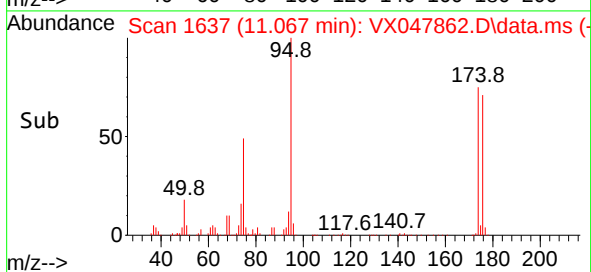
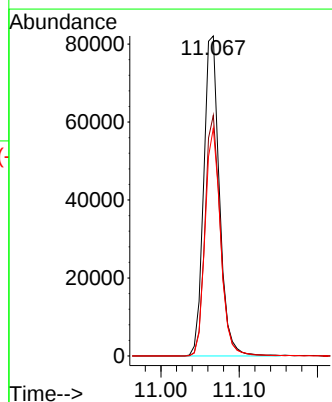
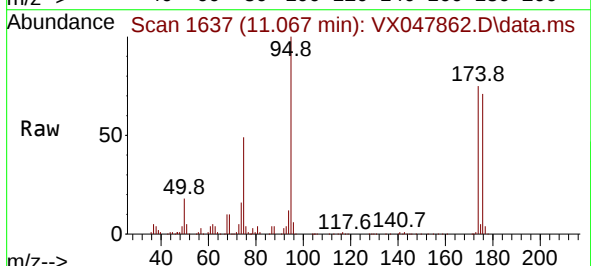
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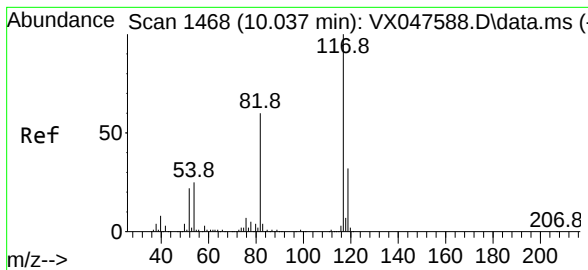
Tgt Ion: 98 Resp: 275851
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.984 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Tgt Ion: 95 Resp: 114349
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.2 0.0 138.4

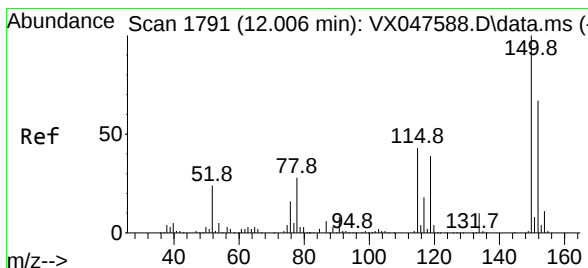
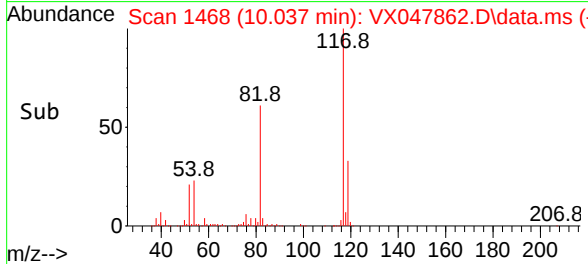
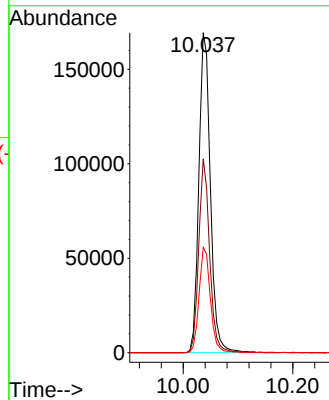
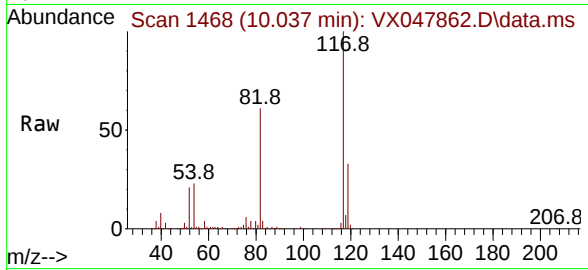




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
EB03-20250918

Tgt Ion:117 Resp: 248321
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.6
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047862.D
Acq: 26 Sep 2025 16:31

Tgt Ion:152 Resp: 123059
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 159.2 0.0 352.0

