

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047727.D
 Acq On : 23 Sep 2025 13:04
 Operator : JC/MD
 Sample : Q3141-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20250918

Quant Time: Sep 24 01:31:25 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)

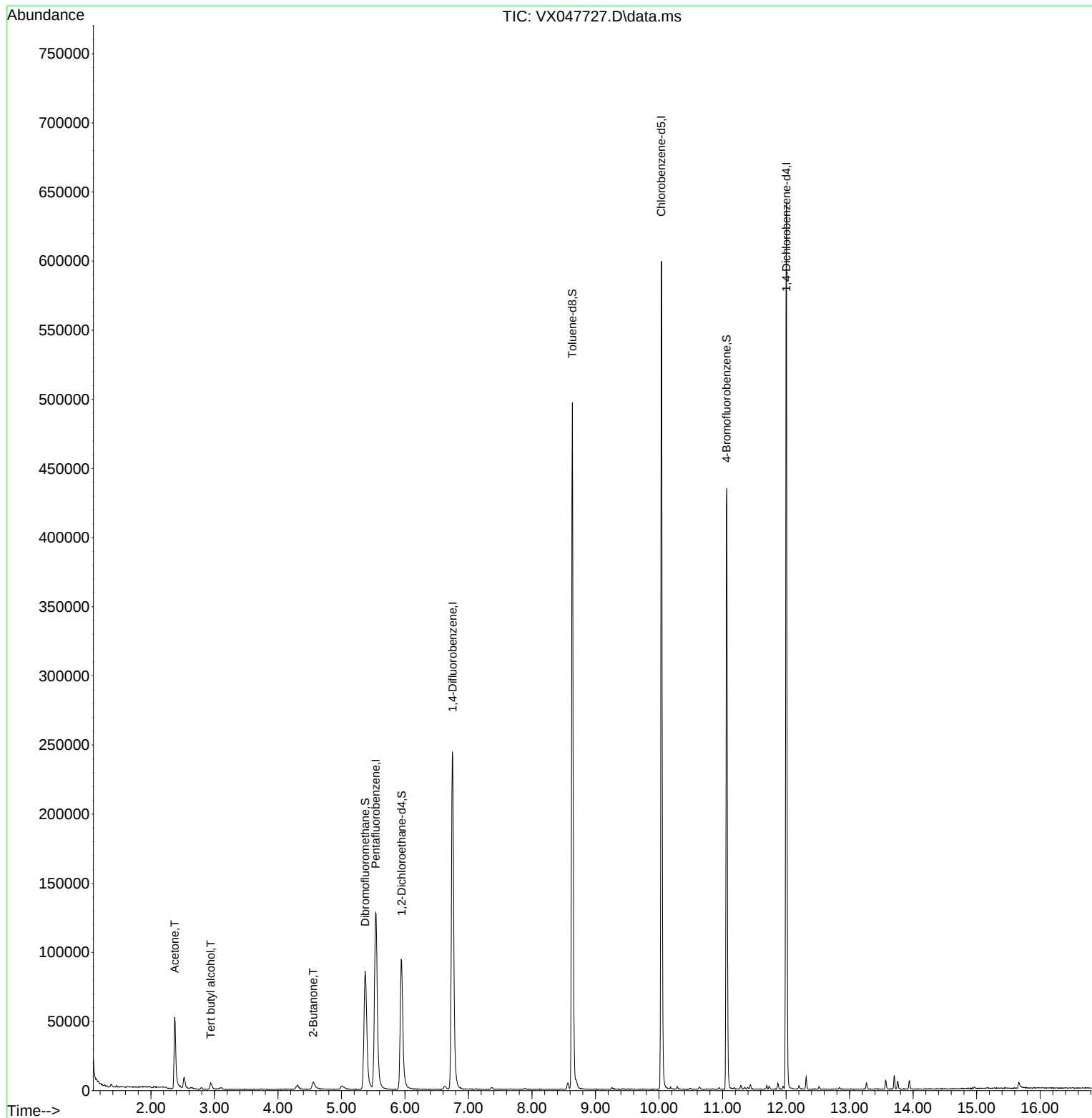
Internal Standards						
1) Pentafluorobenzene	5.538	168	130435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102139	49.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.373	113	85268	46.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.635	98	300718	47.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.061	95	126191	52.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	5744	24.841	ug/l	99
16) Acetone	2.374	43	69407	76.885	ug/l	98
25) 2-Butanone	4.556	43	11700	10.390	ug/l	94

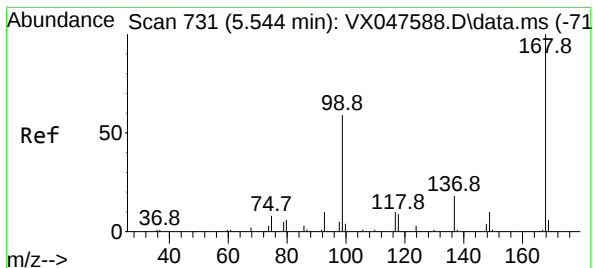
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX047727.D

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MSVOA_X

ClientSampleId :

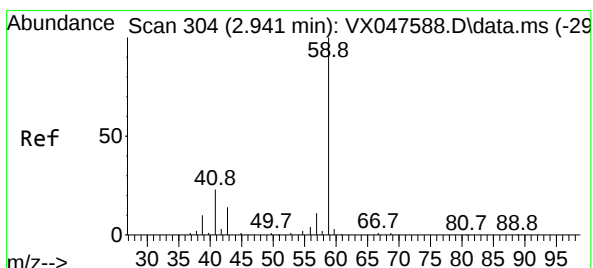
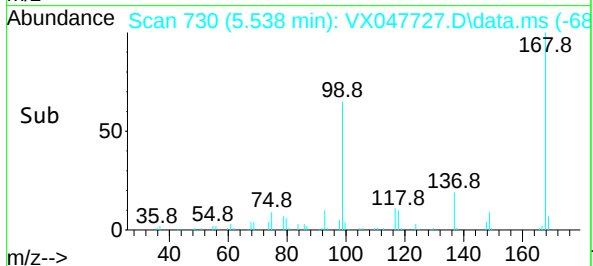
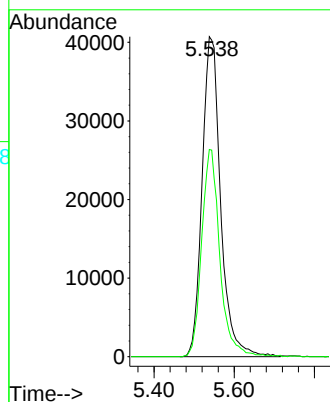
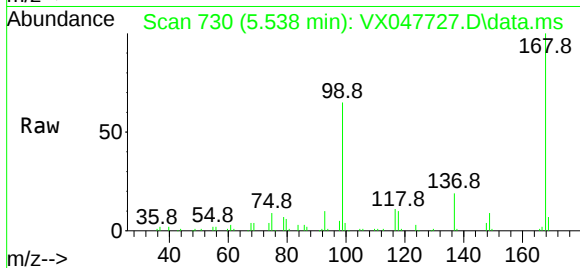
BP-VPB-184-EB-20250918

Tgt Ion:168 Resp: 130435

Ion Ratio Lower Upper

168 100

99 64.8 48.8 73.2



#11

Tert butyl alcohol

Concen: 24.841 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX047727.D

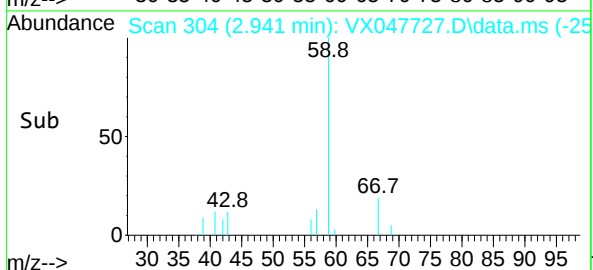
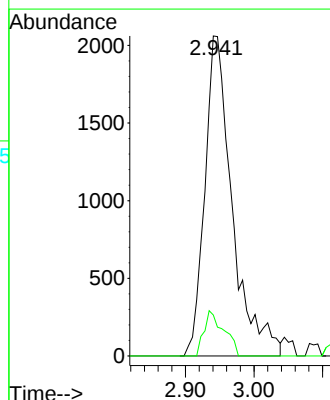
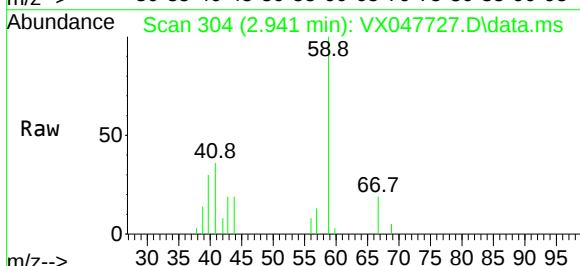
Acq: 23 Sep 2025 13:04

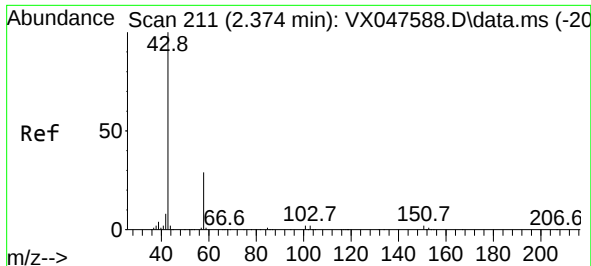
Tgt Ion: 59 Resp: 5744

Ion Ratio Lower Upper

59 100

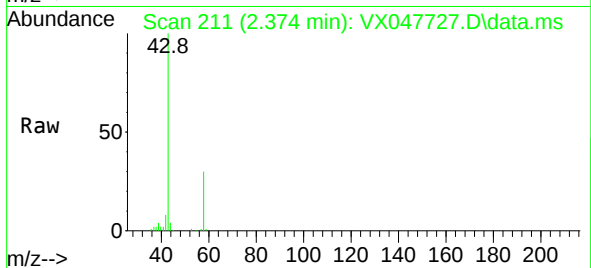
57 10.2 8.3 12.5



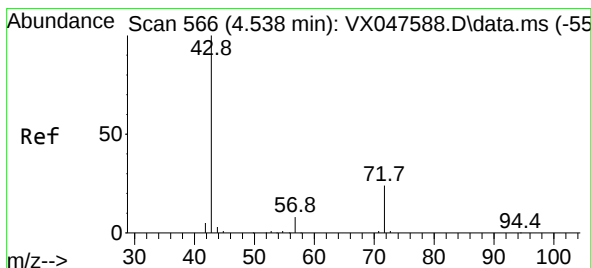
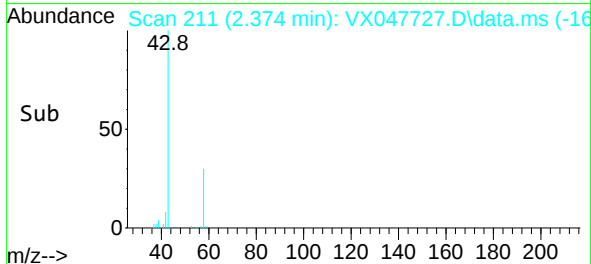
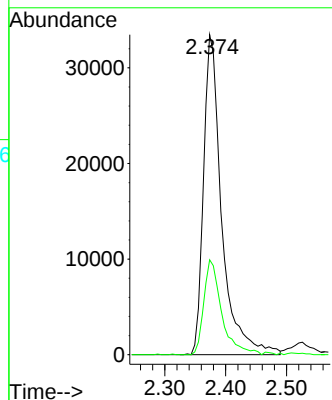


#16
Acetone
Concen: 76.885 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20250918

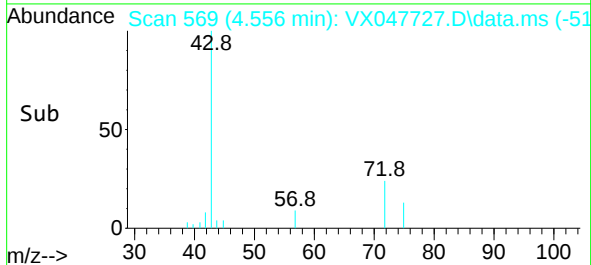
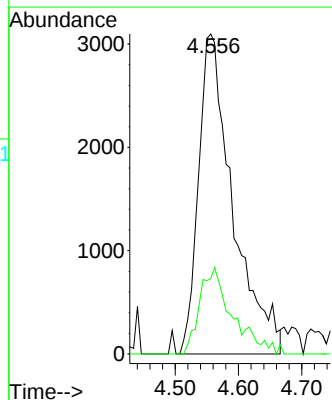
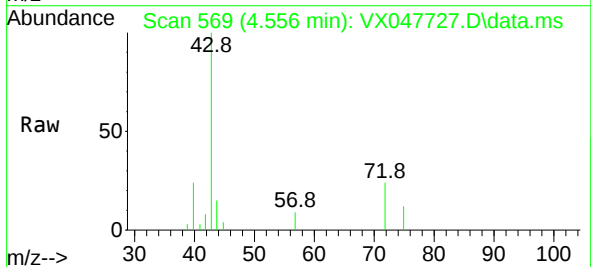


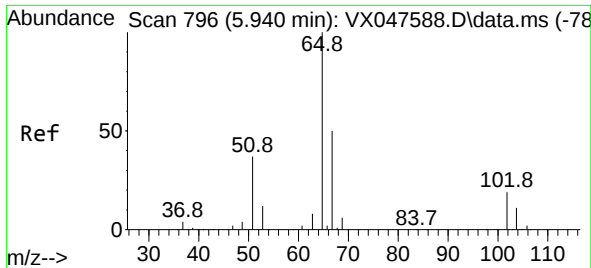
Tgt Ion: 43 Resp: 69407
Ion Ratio Lower Upper
43 100
58 30.2 23.4 35.0



#25
2-Butanone
Concen: 10.390 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

Tgt Ion: 43 Resp: 11700
Ion Ratio Lower Upper
43 100
72 21.9 20.1 30.1

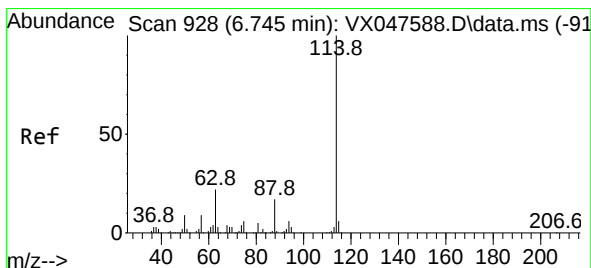
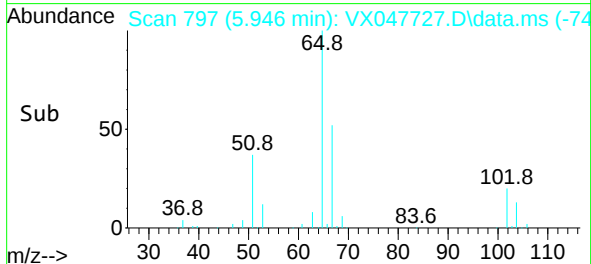
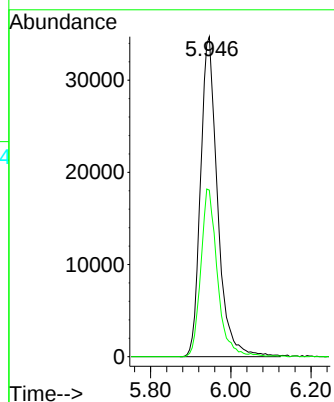
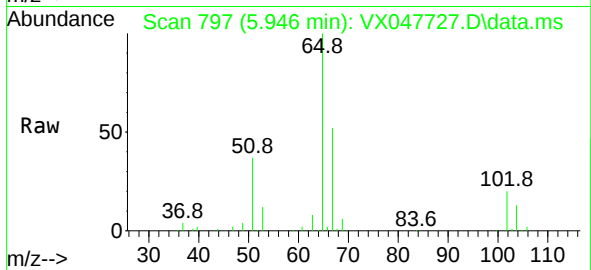




#33
 1,2-Dichloroethane-d4
 Concen: 49.195 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047727.D
 Acq: 23 Sep 2025 13:04

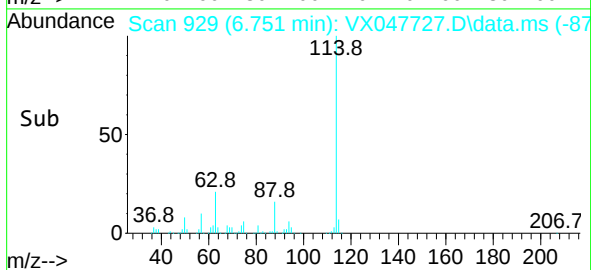
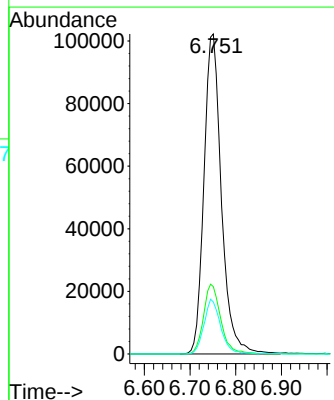
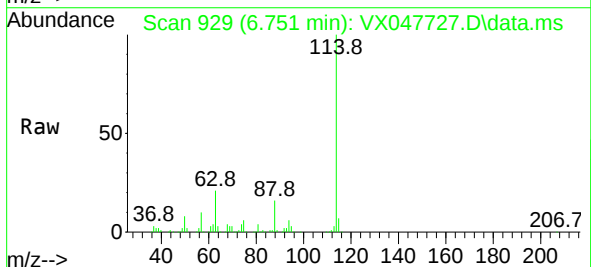
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20250918

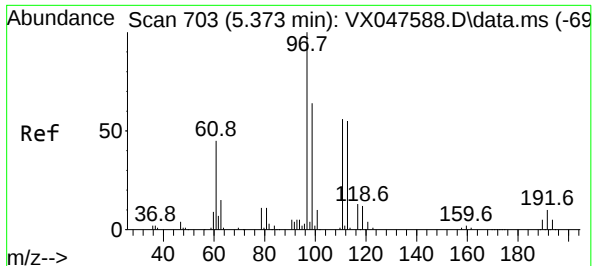
Tgt Ion: 65 Resp: 102139
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047727.D
 Acq: 23 Sep 2025 13:04

Tgt Ion: 114 Resp: 270519
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.0
 88 16.3 0.0 34.2

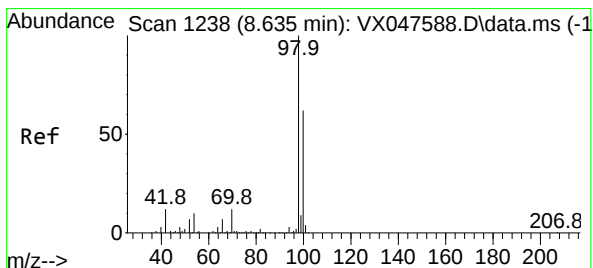
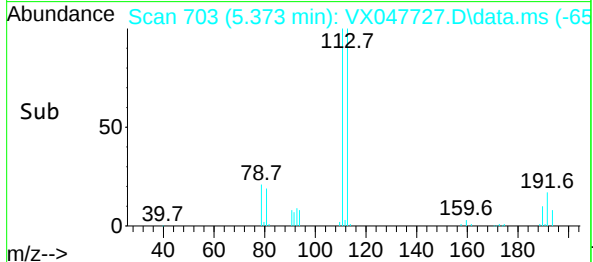
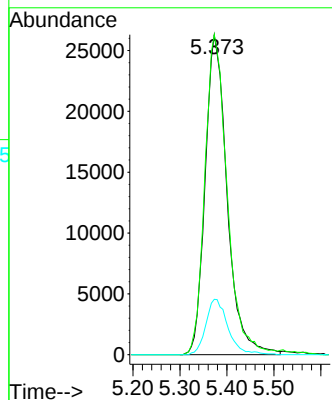
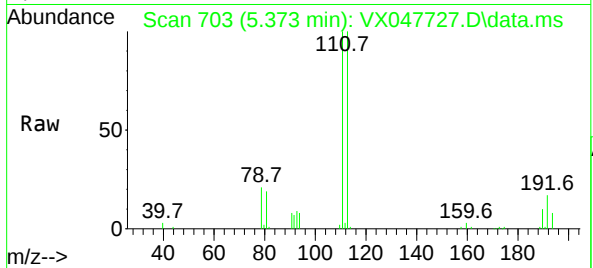




#35
Dibromofluoromethane
Concen: 46.999 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

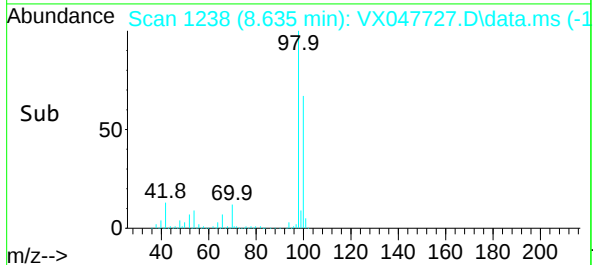
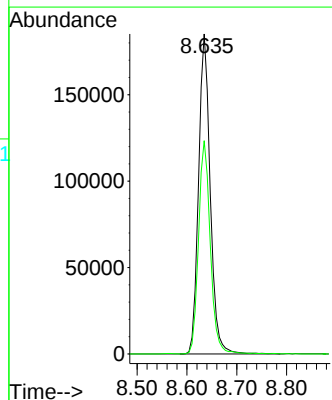
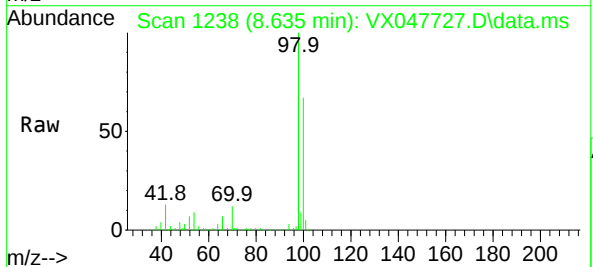
Instrument :
MSVOA_X
ClientSampleId :
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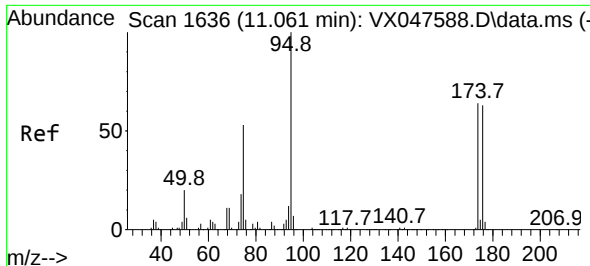
Tgt Ion:113 Resp: 85268
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.5 14.2 21.4



#50
Toluene-d8
Concen: 47.903 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

Tgt Ion: 98 Resp: 300718
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

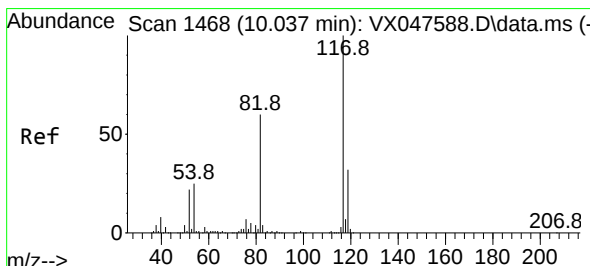
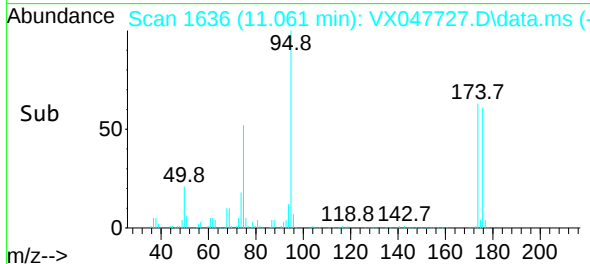
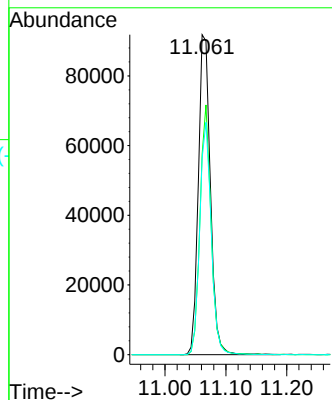
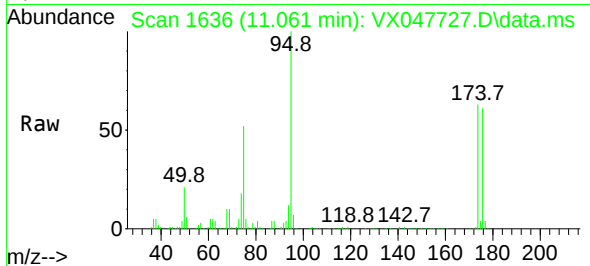




#62
4-Bromofluorobenzene
Concen: 52.966 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

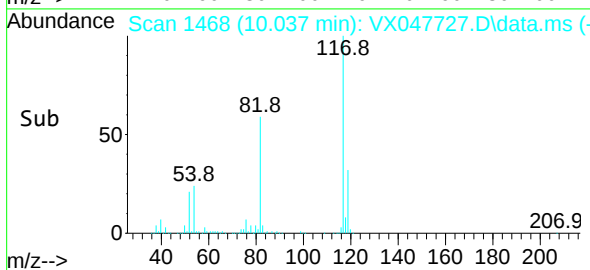
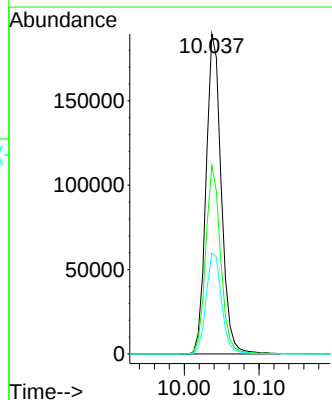
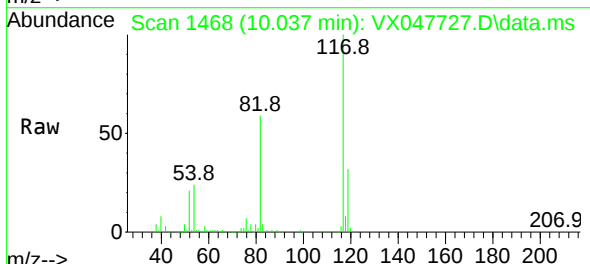
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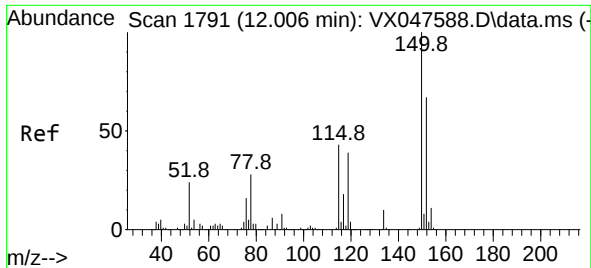
Tgt Ion: 95 Resp: 126191
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047727.D
Acq: 23 Sep 2025 13:04

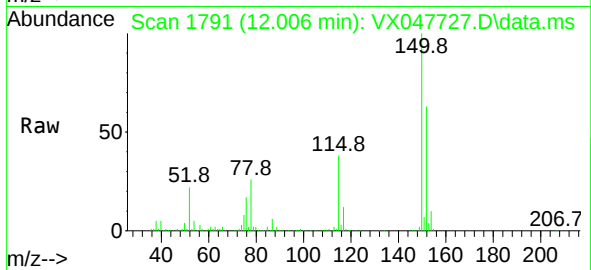
Tgt Ion: 117 Resp: 267539
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047727.D
 Acq: 23 Sep 2025 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20250918



Tgt Ion:152 Resp: 132169
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 156.8 0.0 352.0

