

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047964.D
 Acq On : 02 Oct 2025 13:48
 Operator : JC/MD
 Sample : Q3246-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-540-542

Quant Time: Oct 03 03:30:26 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)

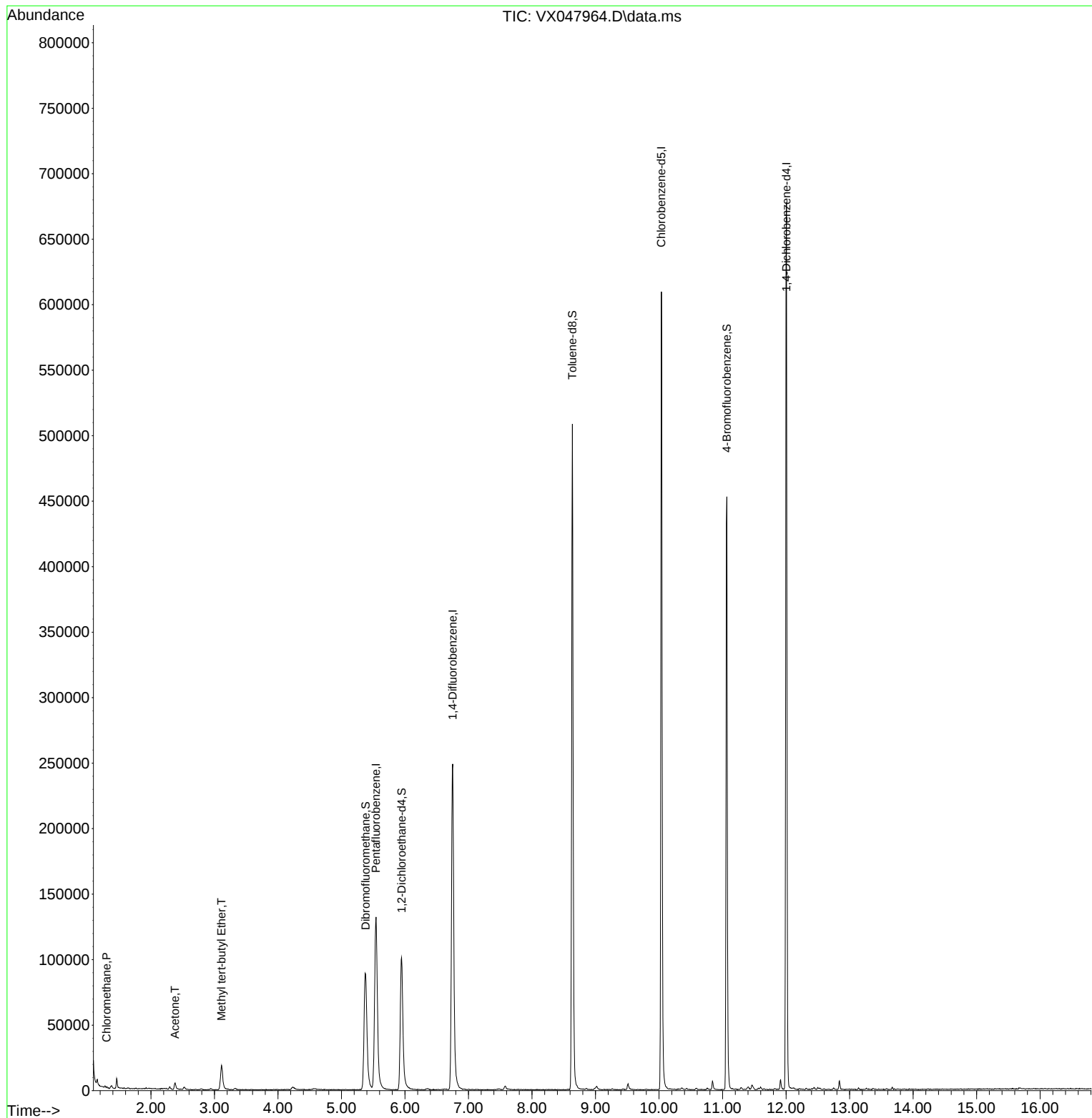
Internal Standards						
1) Pentafluorobenzene	5.544	168	131720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111636	53.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.480%
35) Dibromofluoromethane	5.379	113	88993	48.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.635	98	305278	48.390	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.067	95	131671	54.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.980%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	837	0.467	ug/l #	87
16) Acetone	2.380	43	6651	7.296	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	21351	3.737	ug/l #	89

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

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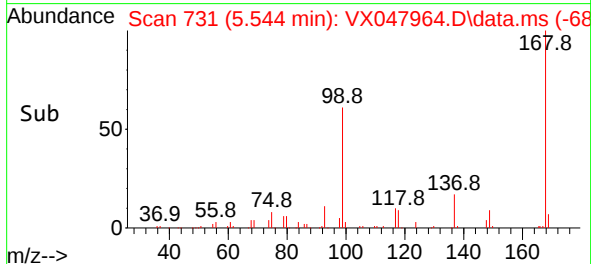
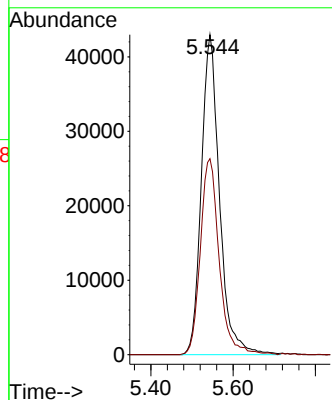
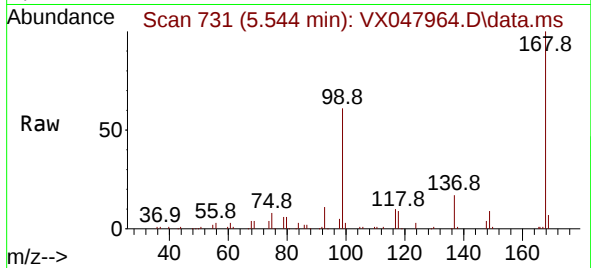




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047964.D
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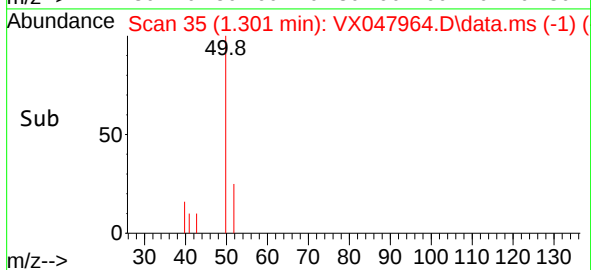
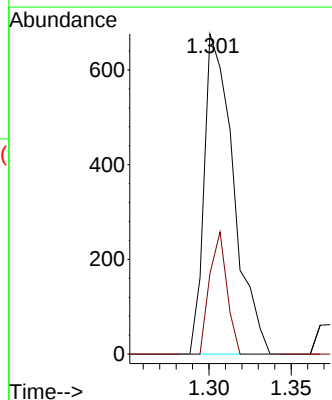
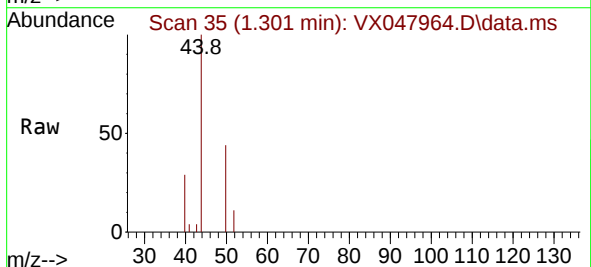
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion:168 Resp: 131720
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#3
Chloromethane
Concen: 0.467 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 50 Resp: 837
Ion Ratio Lower Upper
50 100
52 25.1 26.1 39.1#

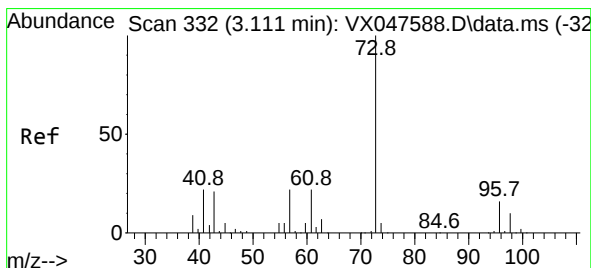
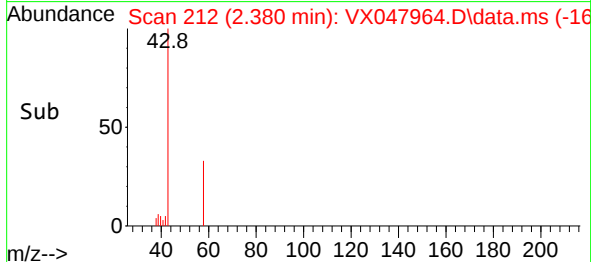
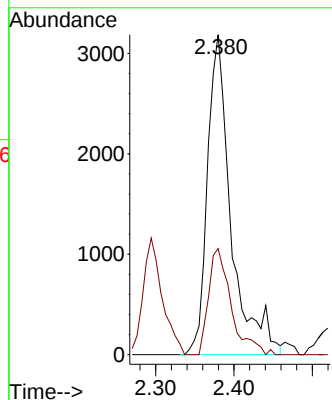
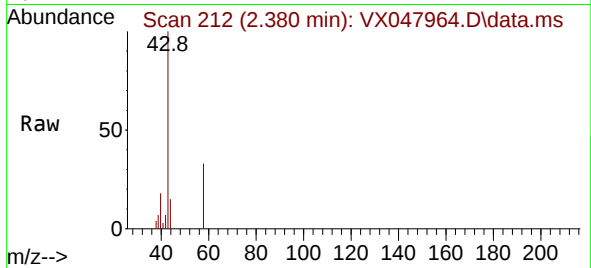




#16
Acetone
Concen: 7.296 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

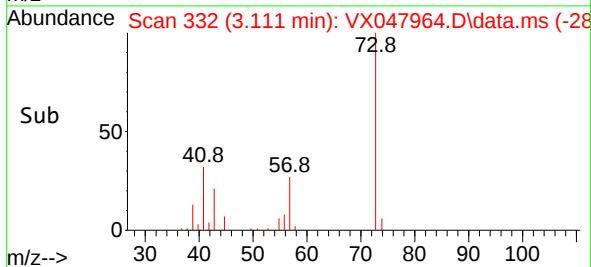
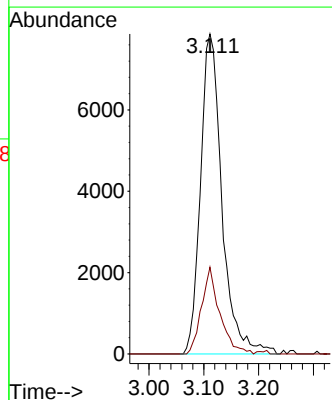
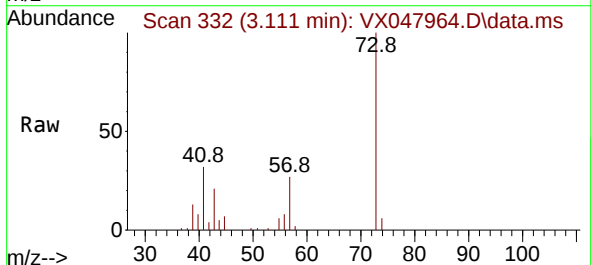
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-540-542

Tgt Ion: 43 Resp: 6651
Ion Ratio Lower Upper
43 100
58 33.1 23.4 35.0



#19
Methyl tert-butyl Ether
Concen: 3.737 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 73 Resp: 21351
Ion Ratio Lower Upper
73 100
57 27.1 17.4 26.2#





#33

1,2-Dichloroethane-d4

Concen: 53.245 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047964.D

Acq: 02 Oct 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

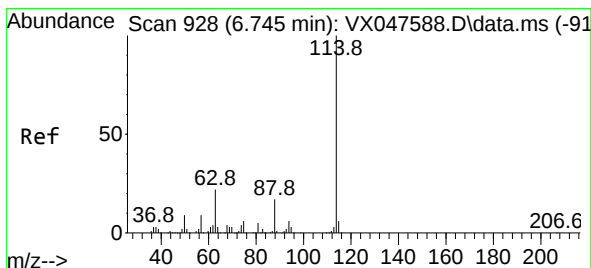
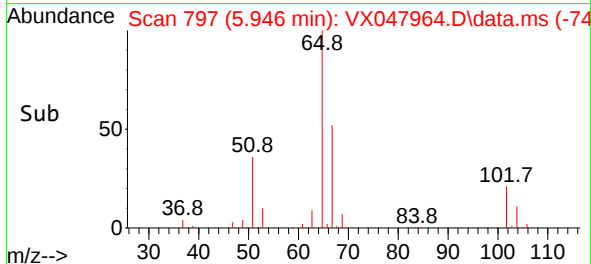
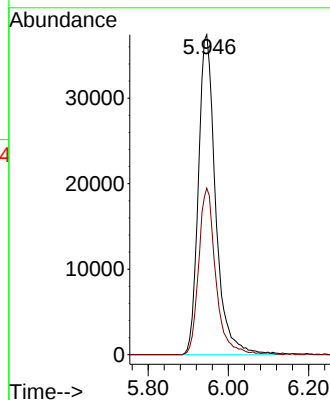
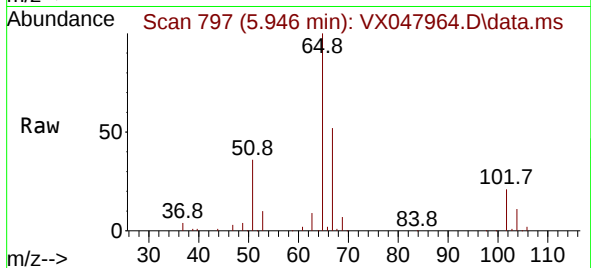
BP-VPB-184-GW-540-542

Tgt Ion: 65 Resp: 111636

Ion Ratio Lower Upper

65 100

67 51.5 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: VX047964.D

Acq: 02 Oct 2025 13:48

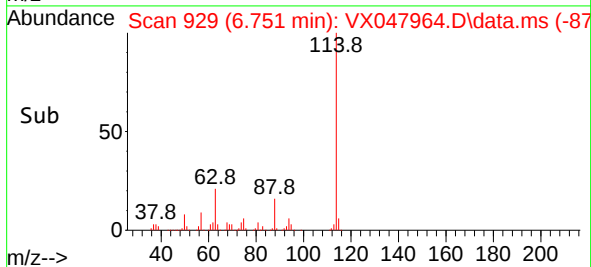
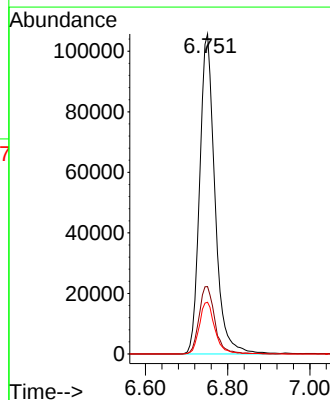
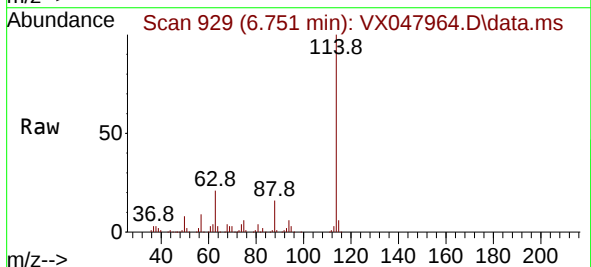
Tgt Ion: 114 Resp: 271856

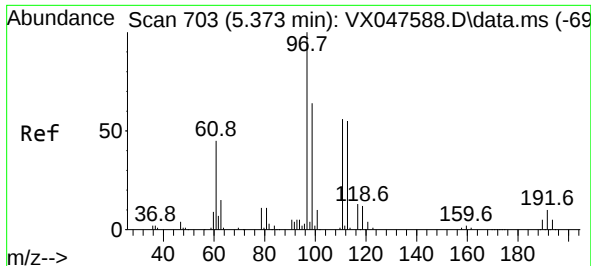
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.2 0.0 34.2

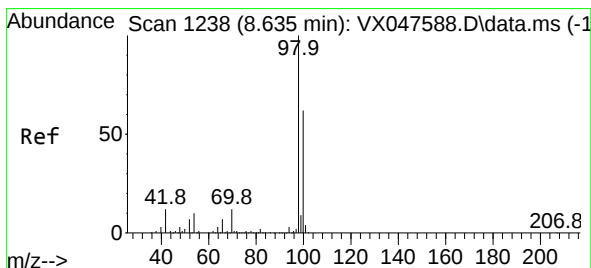
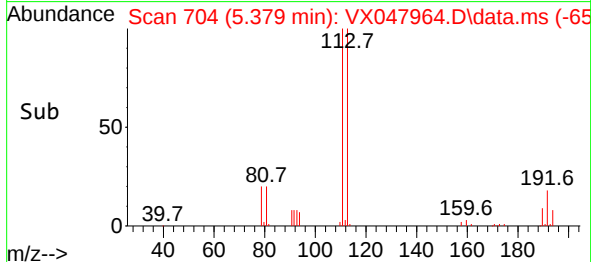
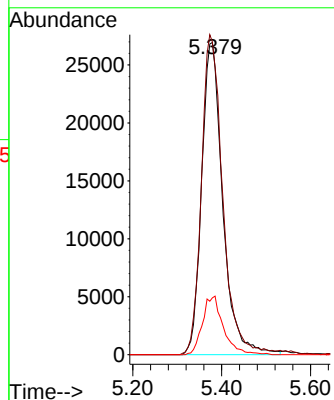
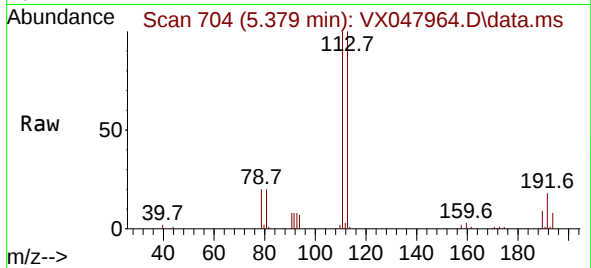




#35
Dibromofluoromethane
Concen: 48.811 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

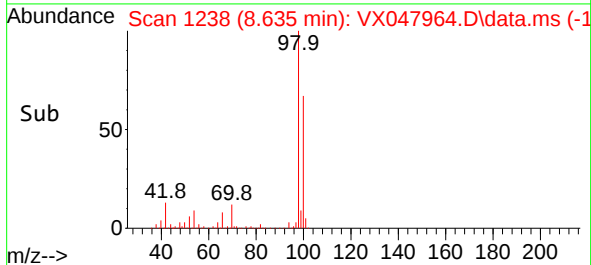
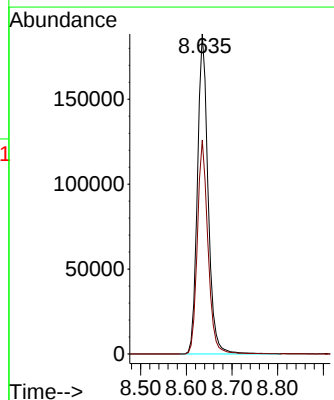
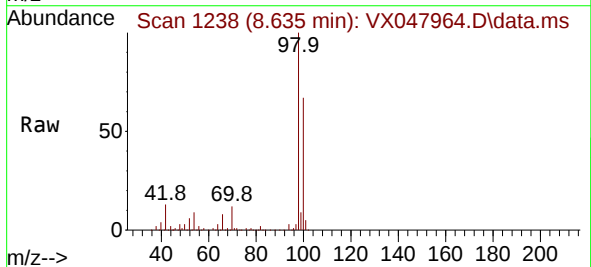
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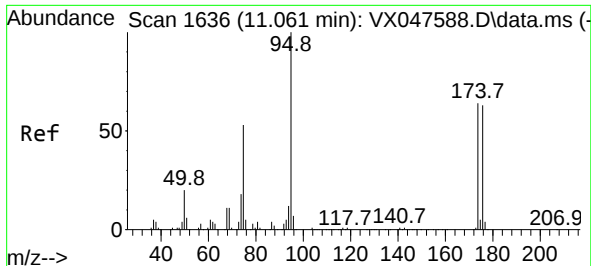
Tgt Ion:113 Resp: 88993
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.7 14.2 21.4



#50
Toluene-d8
Concen: 48.390 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

Tgt Ion: 98 Resp: 305278
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

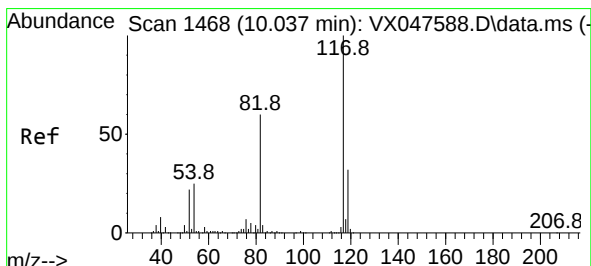
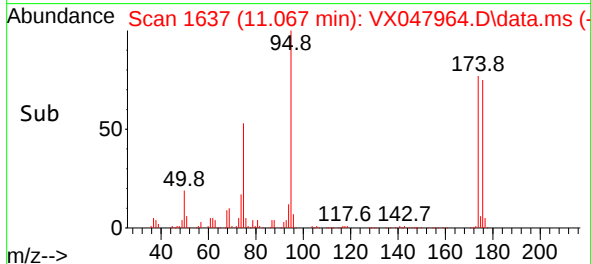
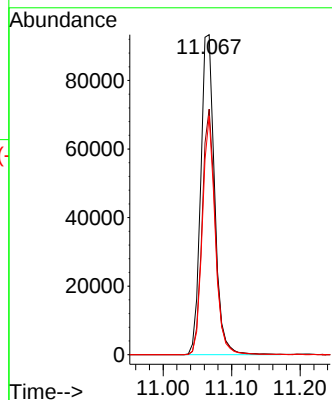
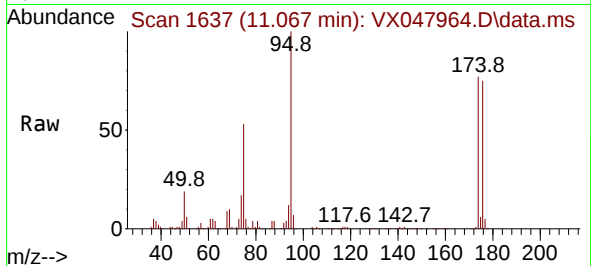




#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

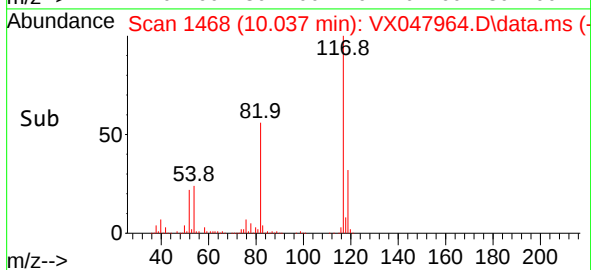
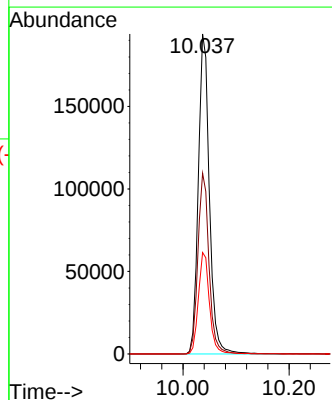
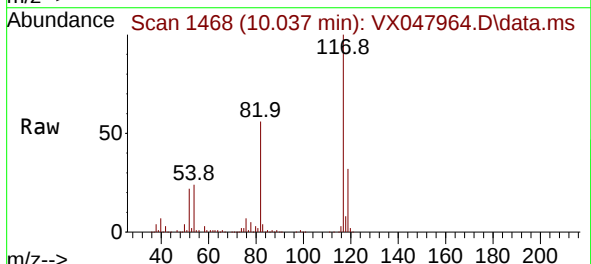
Instrument :
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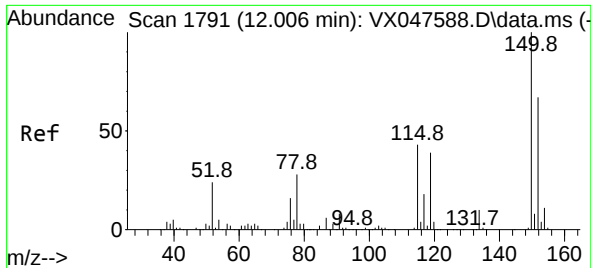
Tgt Ion: 95 Resp: 131671
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 69.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047964.D
Acq: 02 Oct 2025 13:48

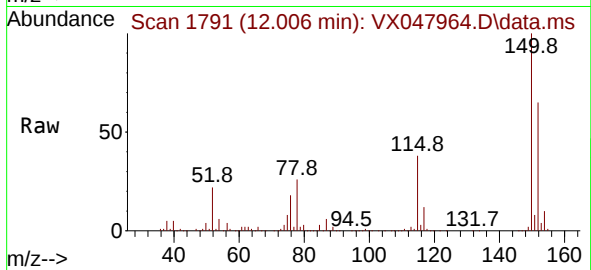
Tgt Ion: 117 Resp: 280780
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 31.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047964.D
 Acq: 02 Oct 2025 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-540-542



Tgt Ion:152 Resp: 143261
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 155.8 0.0 352.0

