

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047268.D
 Acq On : 08 Aug 2025 14:06
 Operator : JC/MD
 Sample : PB169150TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169150TB

Quant Time: Aug 11 02:00:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

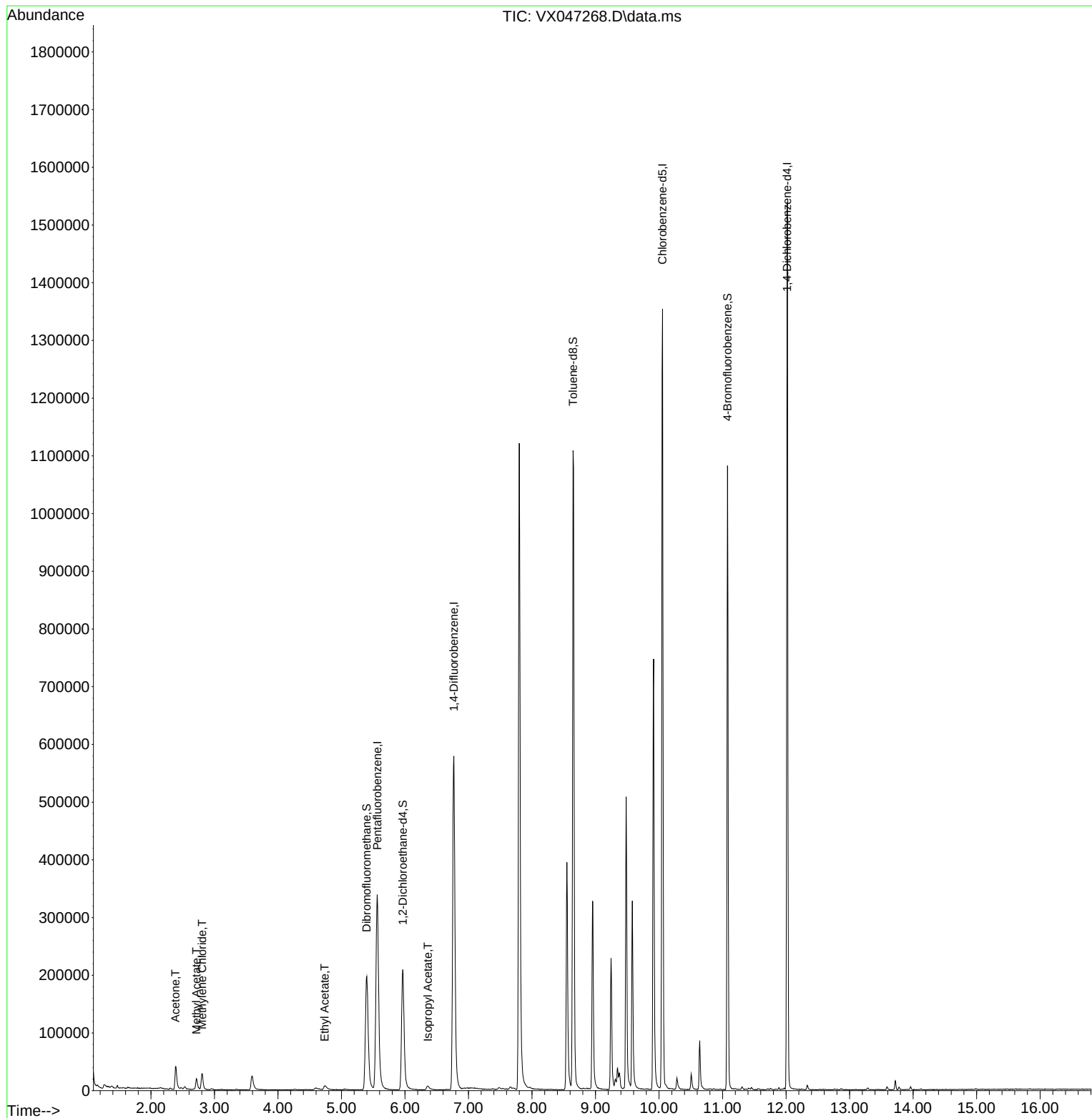
Internal Standards						
1) Pentafluorobenzene	5.562	168	331392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	621257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	299798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	220319	53.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.740%
35) Dibromofluoromethane	5.397	113	187725	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	671835	54.083	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.160%
62) 4-Bromofluorobenzene	11.079	95	284946	53.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.460%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	55783	33.732	ug/l	98
18) Methyl Acetate	2.715	43	27199	6.189	ug/l	99
20) Methylene Chloride	2.806	84	14166	3.114	ug/l	92
37) Ethyl Acetate	4.733	43	16950	2.813	ug/l	96
43) Isopropyl Acetate	6.361	43	12169	1.296	ug/l #	78

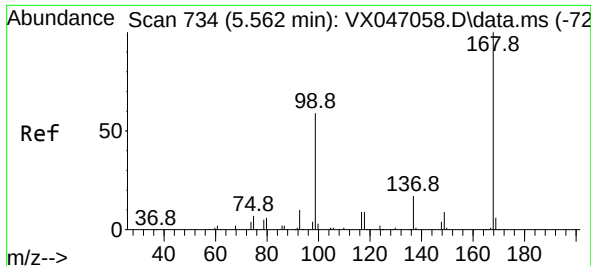
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 02:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

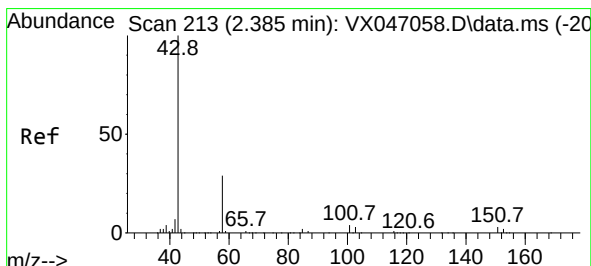
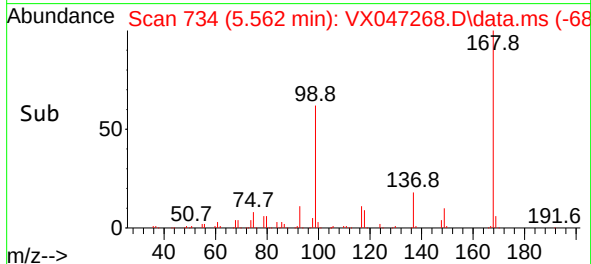
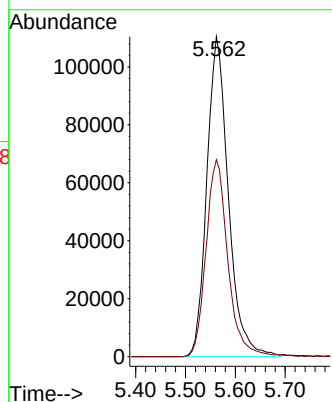
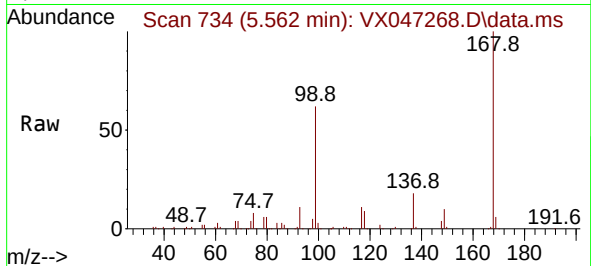




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

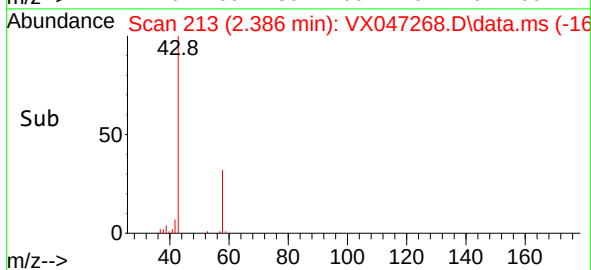
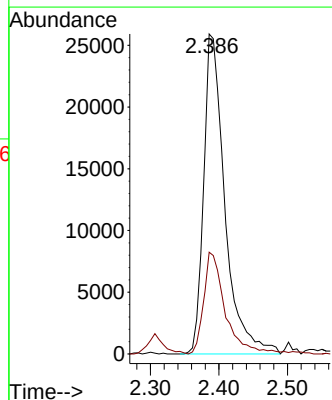
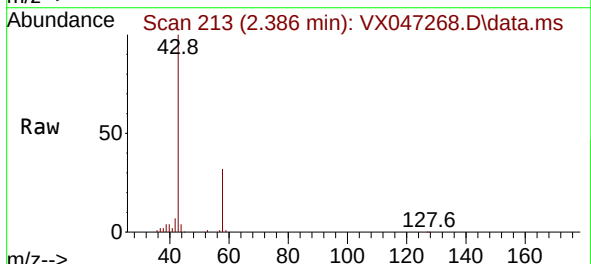
Instrument :
MSVOA_X
ClientSampleId :
PB169150TB

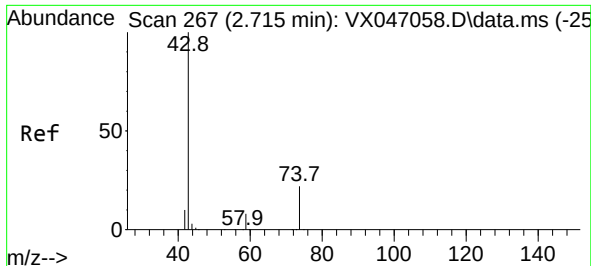
Tgt Ion:168 Resp: 331392
Ion Ratio Lower Upper
168 100
99 61.6 48.0 72.0



#16
Acetone
Concen: 33.732 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

Tgt Ion: 43 Resp: 55783
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0

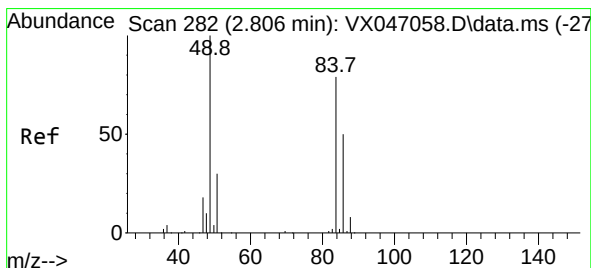
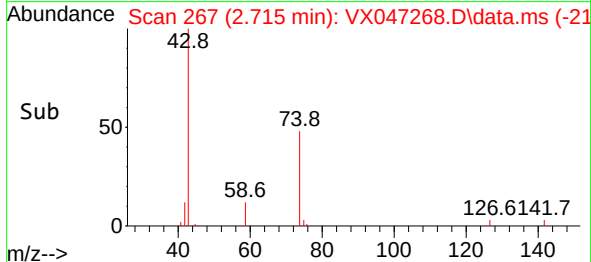
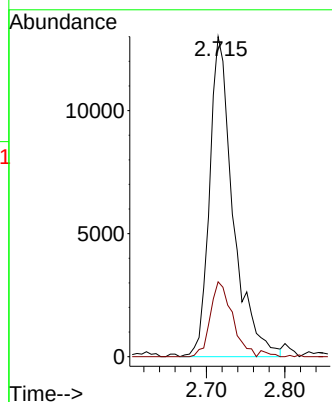
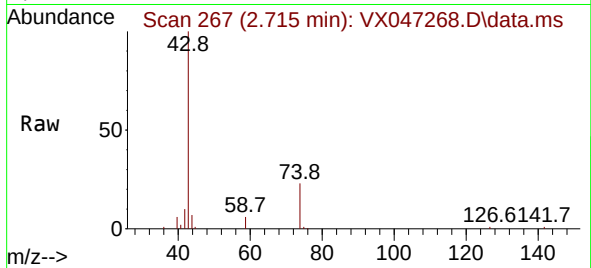




#18
Methyl Acetate
Concen: 6.189 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

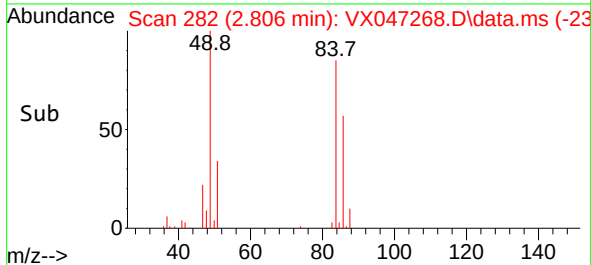
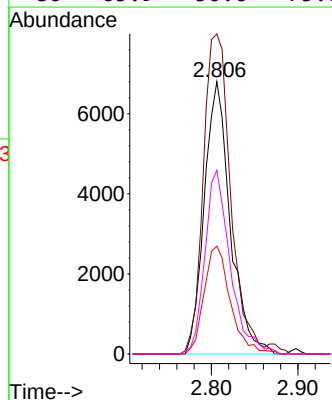
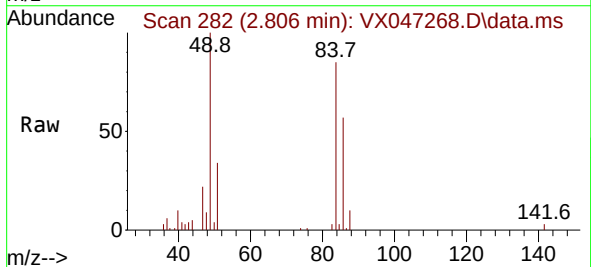
Instrument :
MSVOA_X
ClientSampleId :
PB169150TB

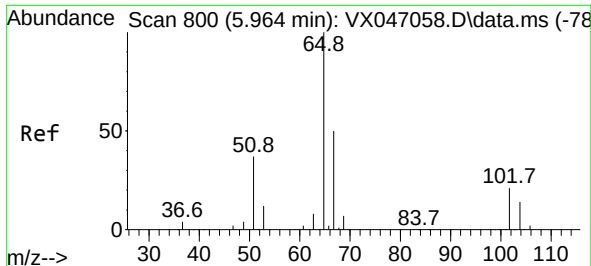
Tgt Ion: 43 Resp: 27199
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 3.114 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

Tgt Ion: 84 Resp: 14166
Ion Ratio Lower Upper
84 100
49 113.4 101.6 152.4
51 38.2 30.3 45.5
86 65.9 50.6 75.8

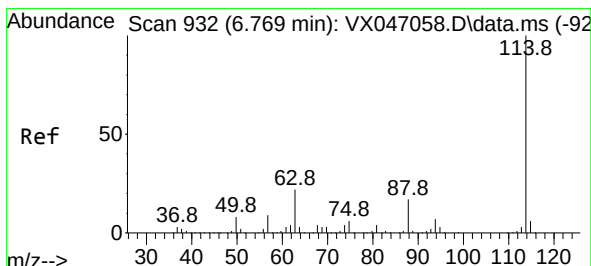
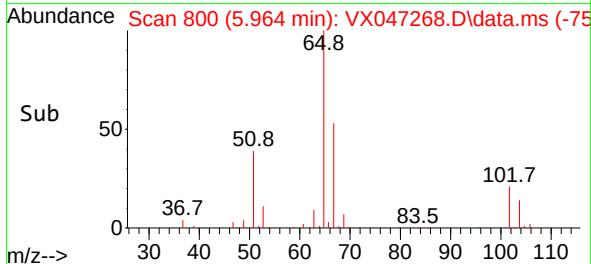
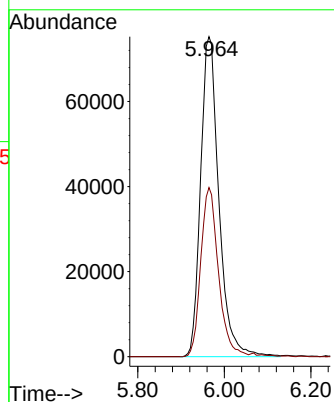
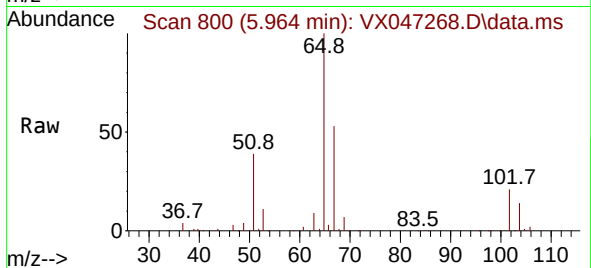




#33
 1,2-Dichloroethane-d4
 Concen: 53.371 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047268.D
 Acq: 08 Aug 2025 14:06

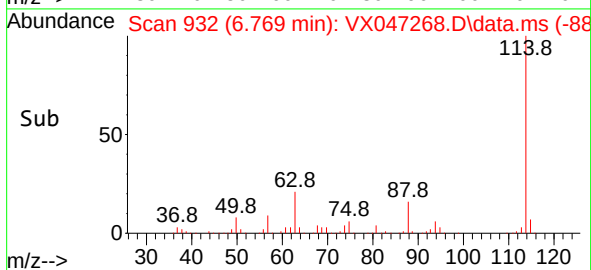
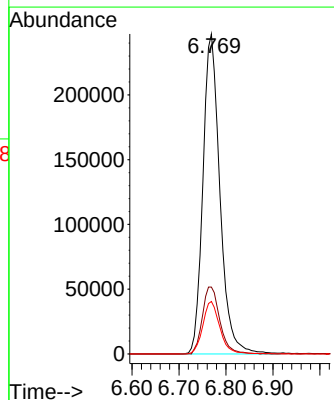
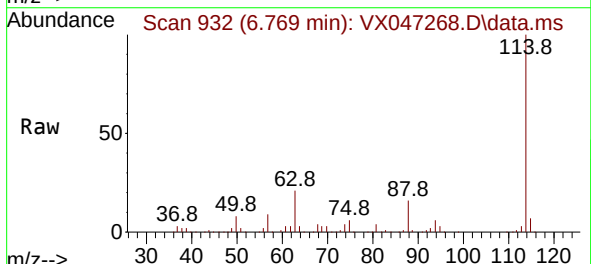
Instrument :
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 ClientSampleId :
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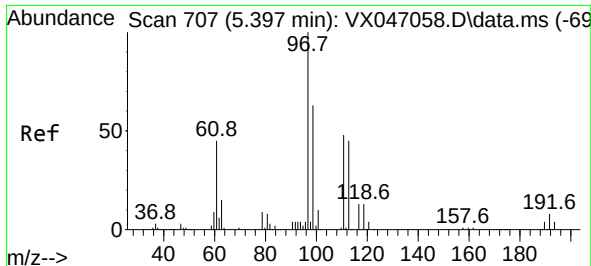
Tgt Ion: 65 Resp: 220319
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047268.D
 Acq: 08 Aug 2025 14:06

Tgt Ion: 114 Resp: 621257
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 16.4 0.0 33.8

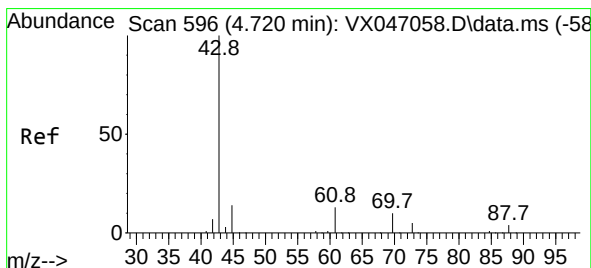
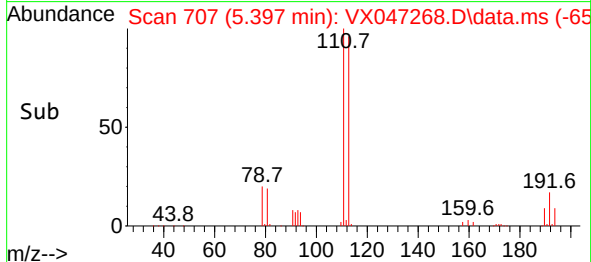
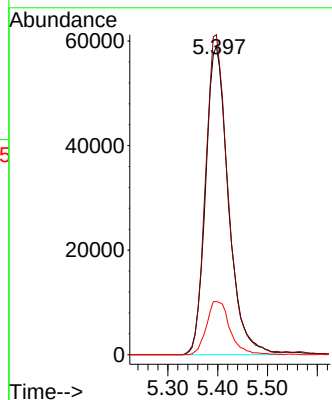
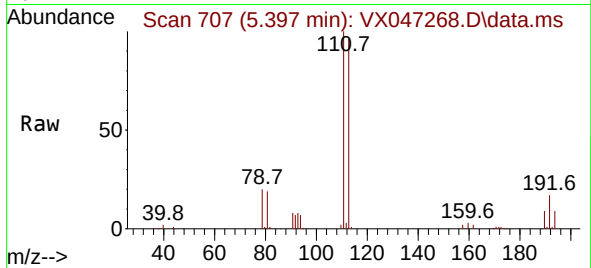




#35
Dibromofluoromethane
Concen: 48.940 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

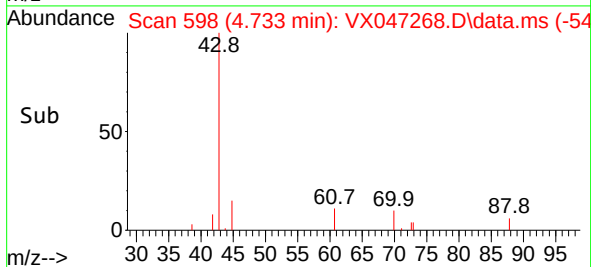
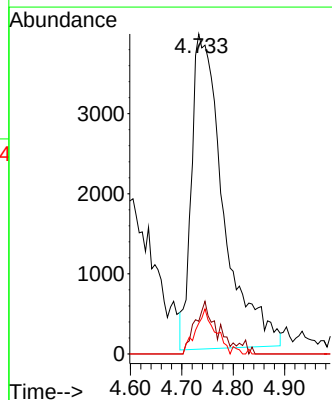
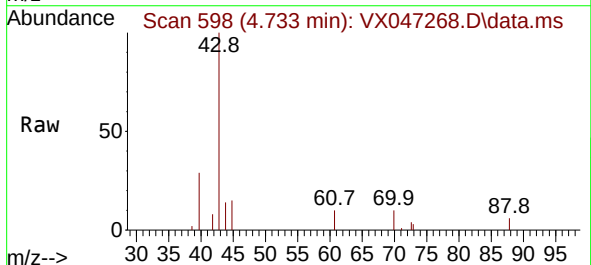
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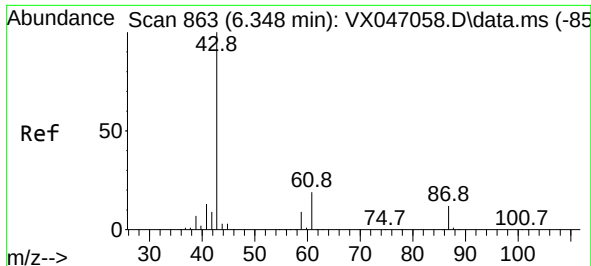
Tgt Ion:113 Resp: 187725
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.8 14.9 22.3



#37
Ethyl Acetate
Concen: 2.813 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

Tgt Ion: 43 Resp: 16950
Ion Ratio Lower Upper
43 100
61 11.4 10.2 15.2
70 8.7 8.1 12.1

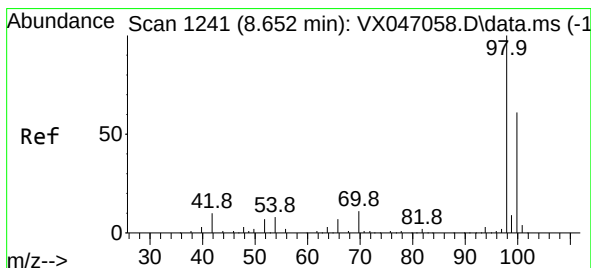
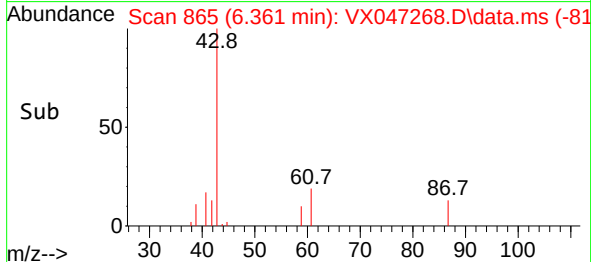
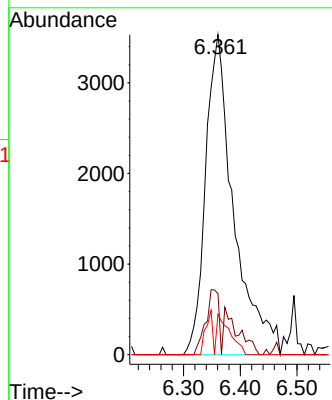
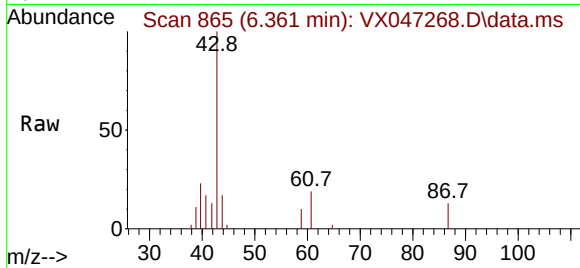




#43
Isopropyl Acetate
Concen: 1.296 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

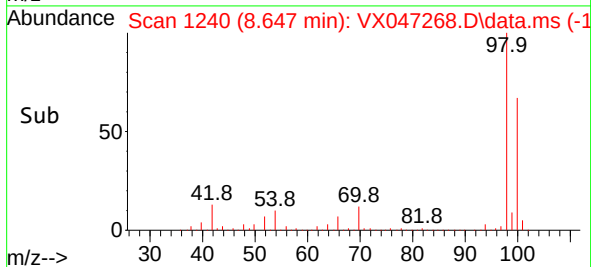
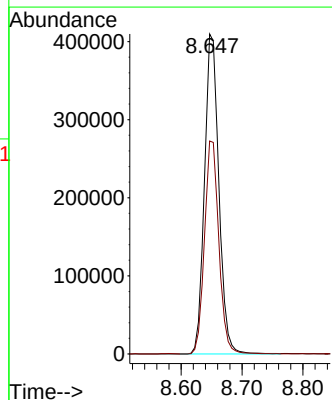
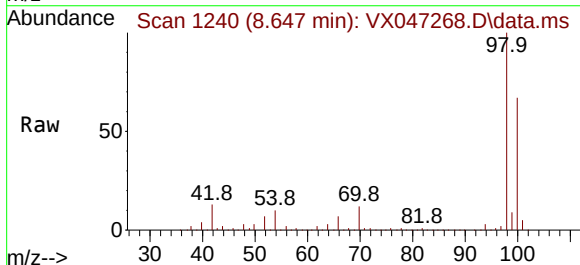
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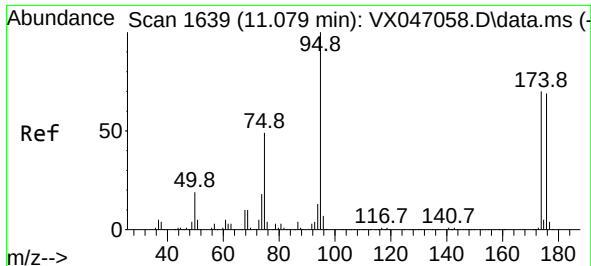
Tgt Ion: 43 Resp: 12169
Ion Ratio Lower Upper
43 100
61 7.5 15.1 22.7#
87 6.0 9.7 14.5#



#50
Toluene-d8
Concen: 54.083 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

Tgt Ion: 98 Resp: 671835
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9

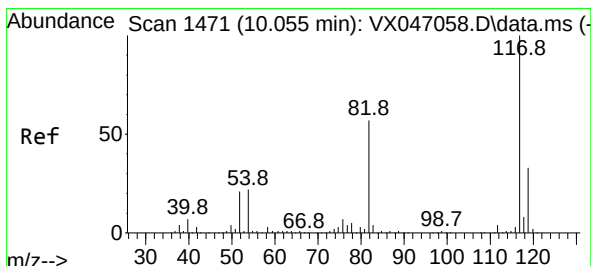
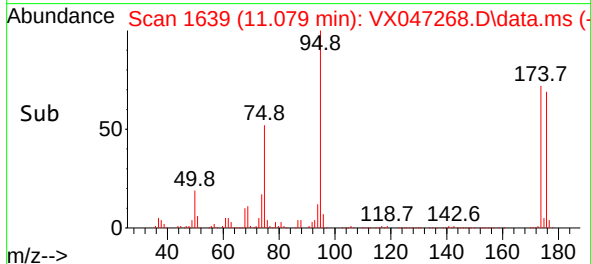
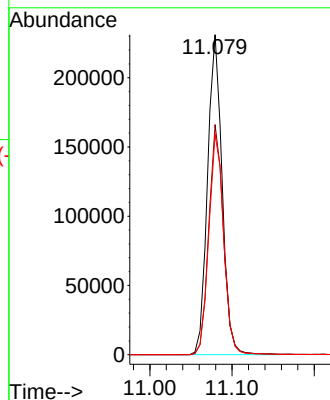
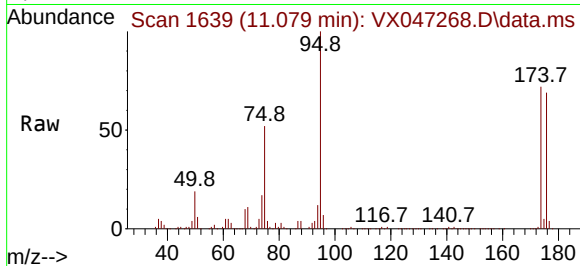




#62
4-Bromofluorobenzene
Concen: 53.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

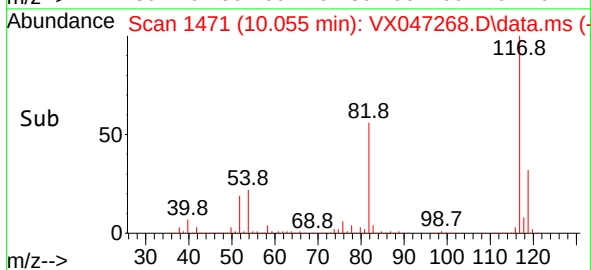
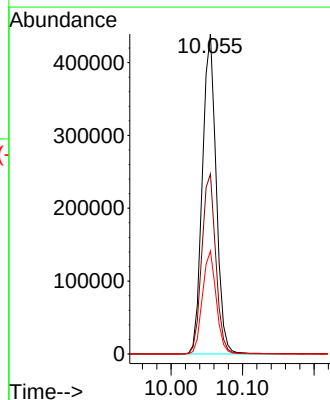
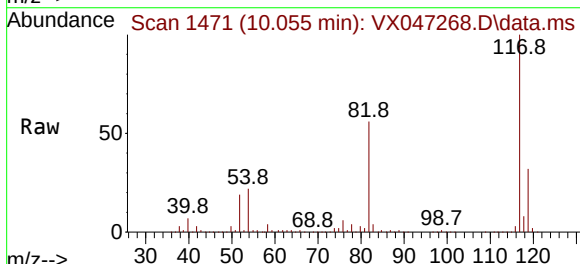
Instrument :
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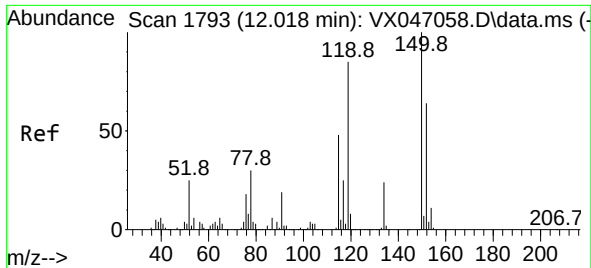
Tgt Ion: 95 Resp: 284946
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 70.5 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047268.D
Acq: 08 Aug 2025 14:06

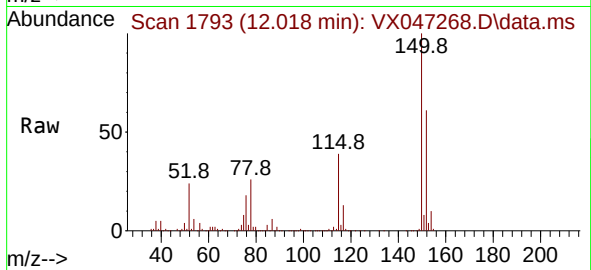
Tgt Ion: 117 Resp: 589241
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.2 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047268.D
 Acq: 08 Aug 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169150TB



Tgt Ion:152 Resp: 299798
 Ion Ratio Lower Upper
 152 100
 115 62.7 45.6 136.7
 150 157.8 0.0 354.6

