

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047084.D
 Acq On : 23 Jul 2025 12:43
 Operator : JC/MD
 Sample : Q2668-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jul 24 05:47:44 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)

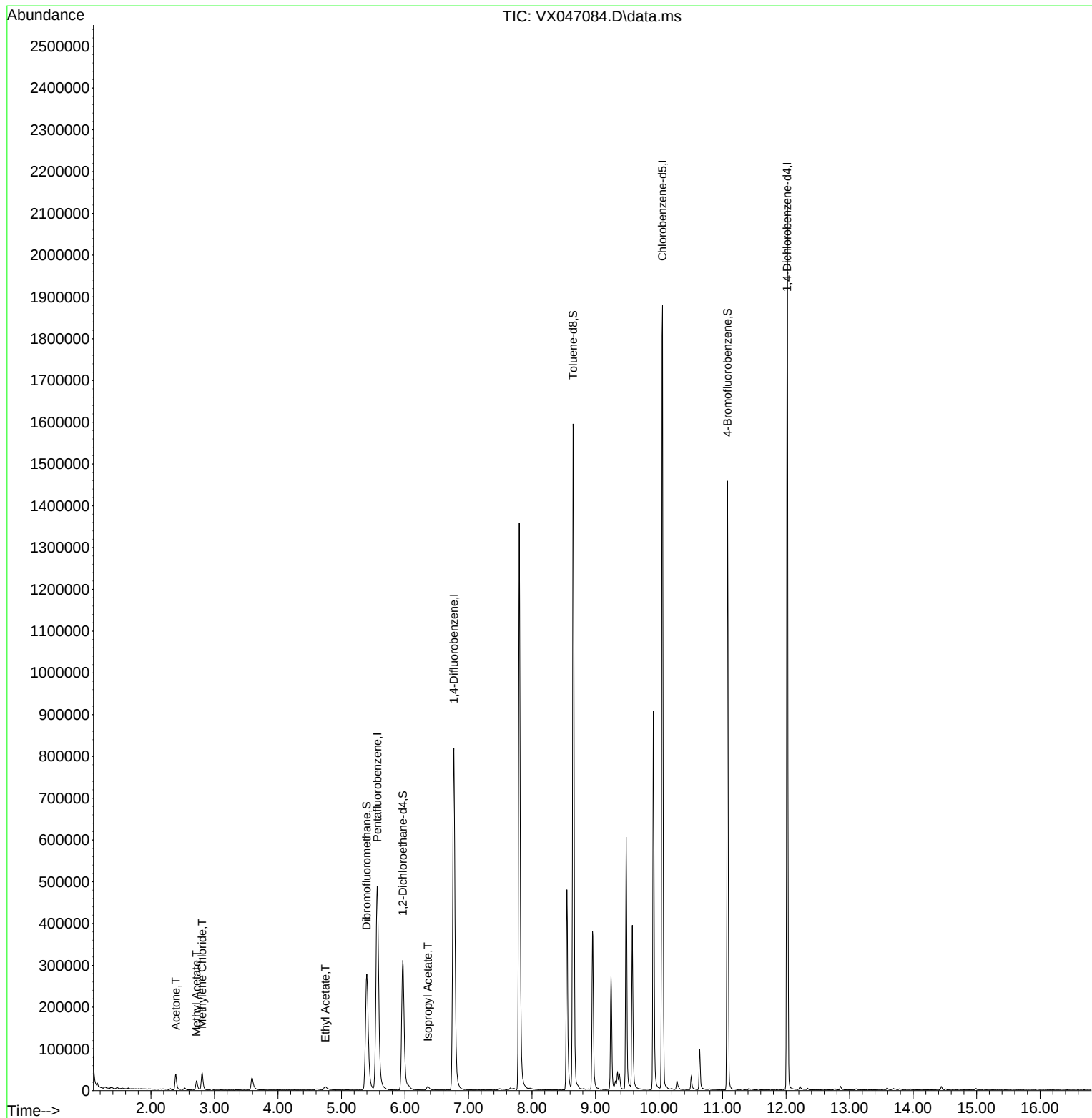
Internal Standards						
1) Pentafluorobenzene	5.562	168	483627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	876222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	825280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	406754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	325312	53.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 108.000%		
35) Dibromofluoromethane	5.397	113	264601	48.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 97.820%		
50) Toluene-d8	8.647	98	965774	55.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 110.240%		
62) 4-Bromofluorobenzene	11.079	95	388504	51.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 102.920%		
Target Compounds						Qvalue
16) Acetone	2.392	43	46487	19.262	ug/l	95
18) Methyl Acetate	2.715	43	32989	5.144	ug/l	96
20) Methylene Chloride	2.806	84	19820	2.985	ug/l	96
37) Ethyl Acetate	4.745	43	19310	2.272	ug/l #	81
43) Isopropyl Acetate	6.361	43	13813	1.043	ug/l #	93

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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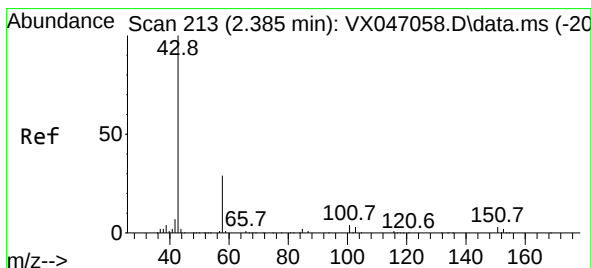
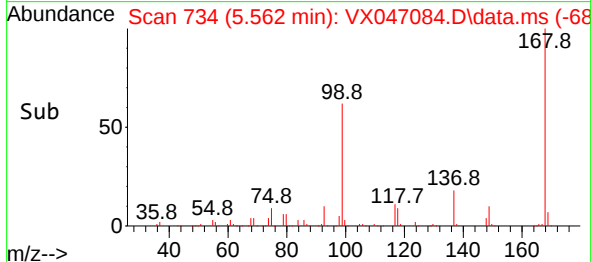
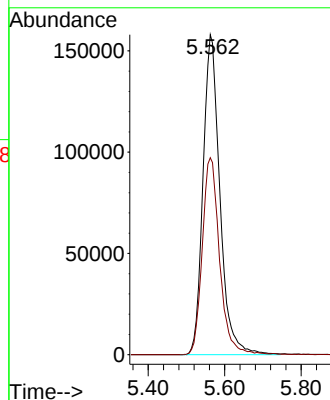
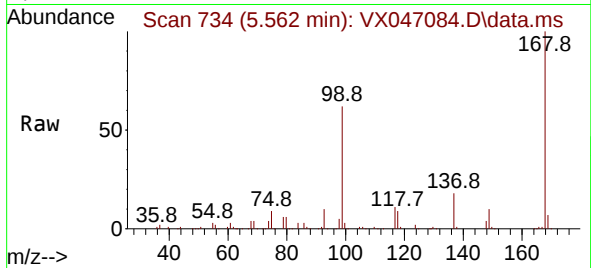




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

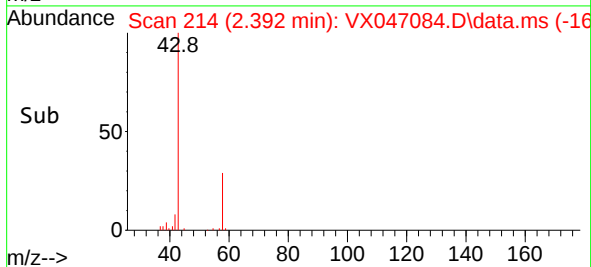
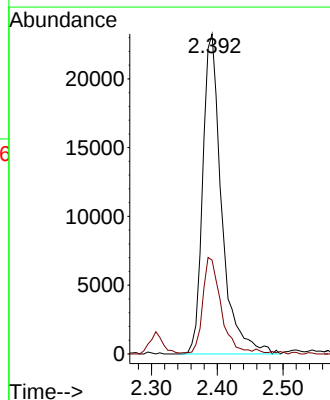
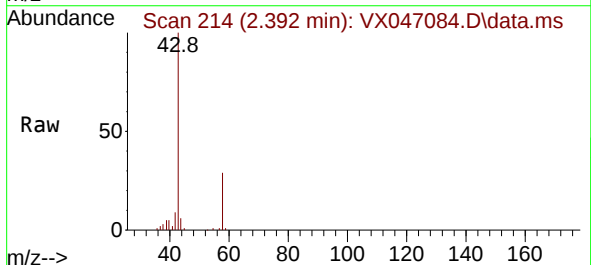
Instrument :
MSVOA_X
ClientSampleId :
TP-3

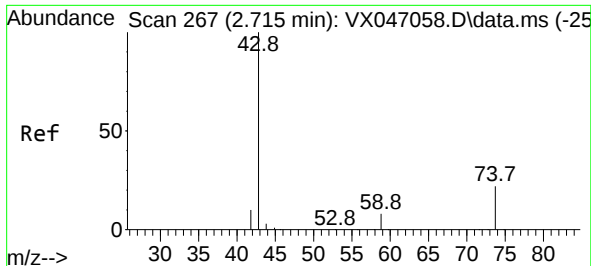
Tgt Ion:168 Resp: 483627
Ion Ratio Lower Upper
168 100
99 61.6 48.0 72.0



#16
Acetone
Concen: 19.262 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

Tgt Ion: 43 Resp: 46487
Ion Ratio Lower Upper
43 100
58 27.4 24.0 36.0

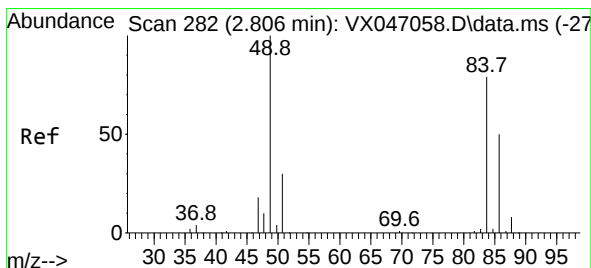
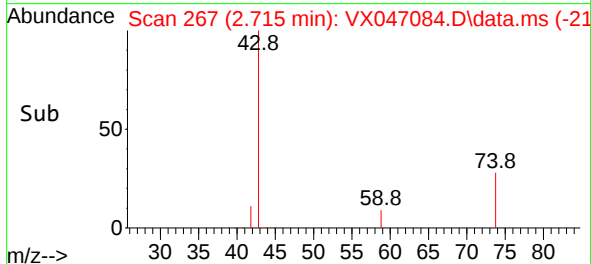
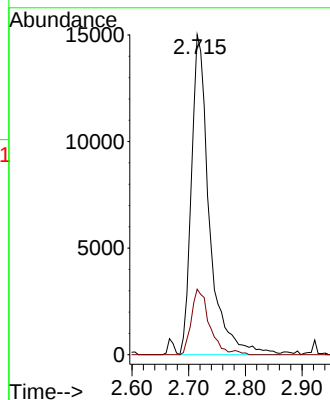
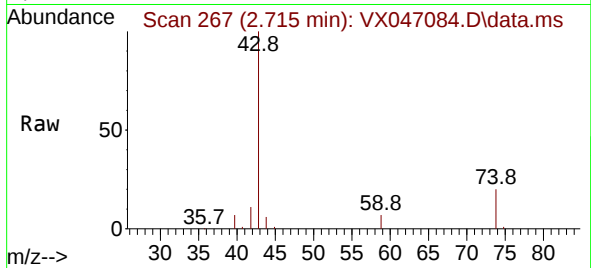




#18
Methyl Acetate
Concen: 5.144 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

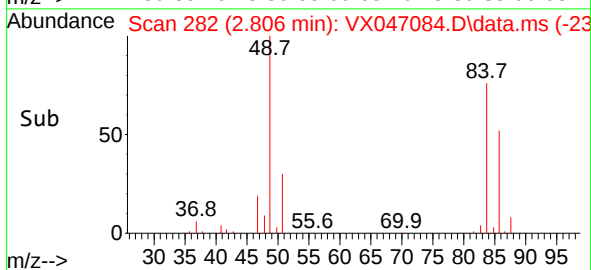
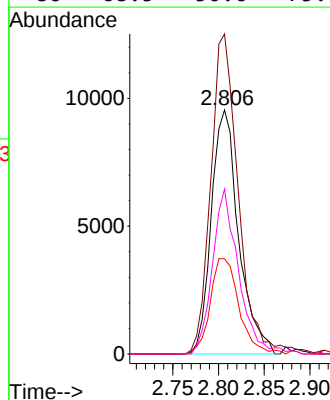
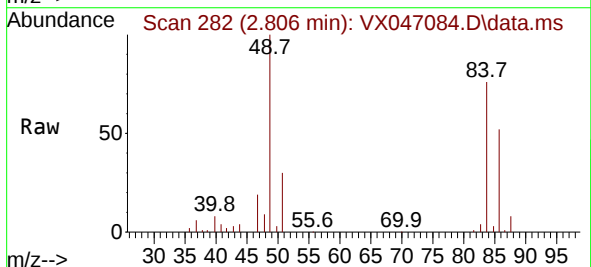
Instrument :
MSVOA_X
ClientSampleId :
TP-3

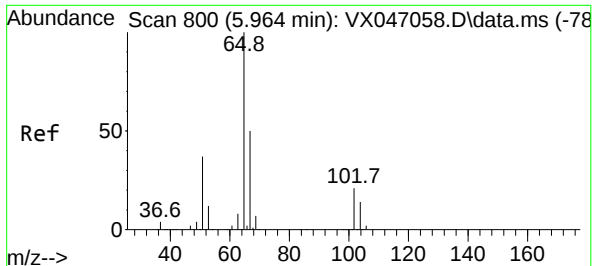
Tgt Ion: 43 Resp: 32989
Ion Ratio Lower Upper
43 100
74 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 2.985 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

Tgt Ion: 84 Resp: 19820
Ion Ratio Lower Upper
84 100
49 131.2 101.6 152.4
51 39.0 30.3 45.5
86 68.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 53.999 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047084.D

Acq: 23 Jul 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

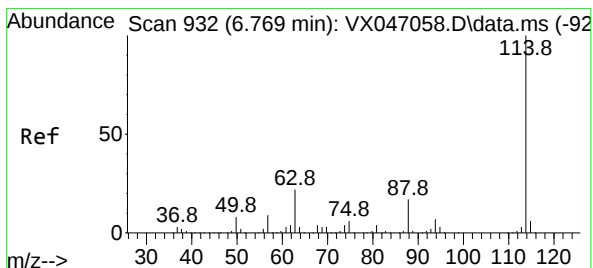
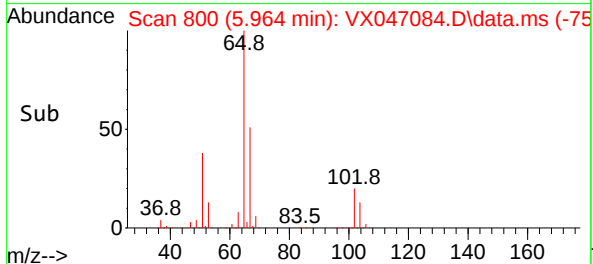
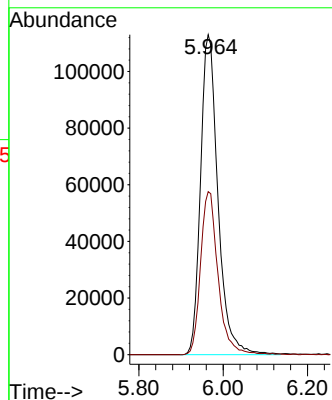
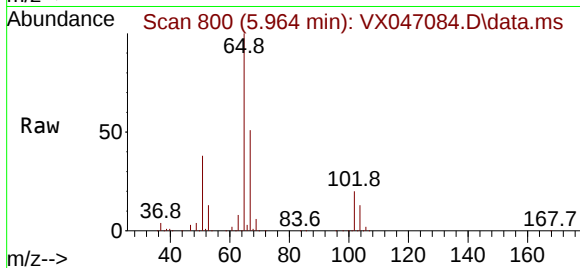
TP-3

Tgt Ion: 65 Resp: 325312

Ion Ratio Lower Upper

65 100

67 51.0 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: VX047084.D

Acq: 23 Jul 2025 12:43

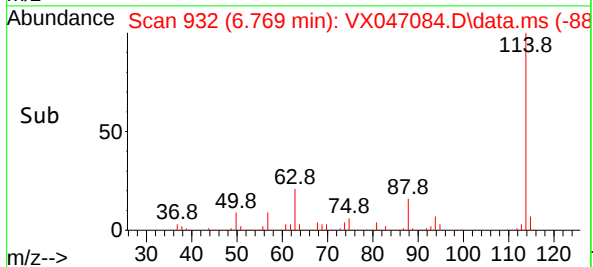
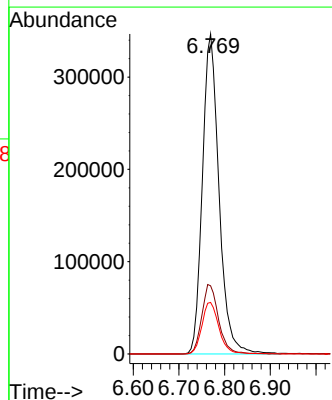
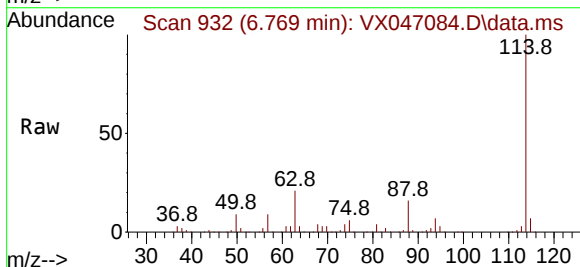
Tgt Ion: 114 Resp: 876222

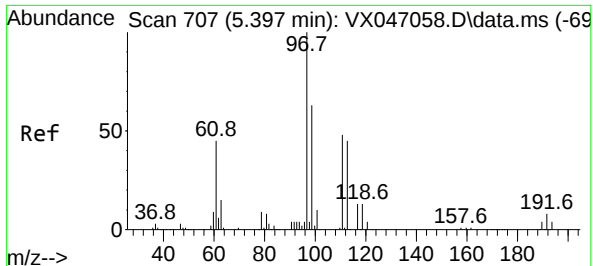
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 16.1 0.0 33.8

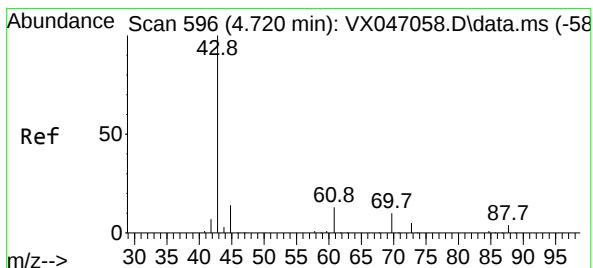
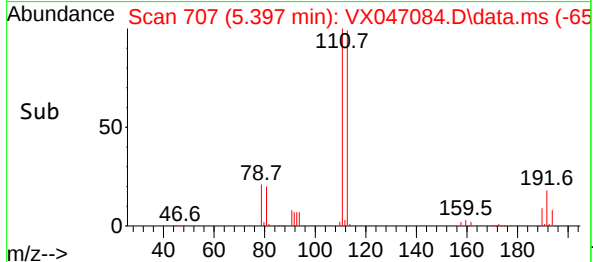
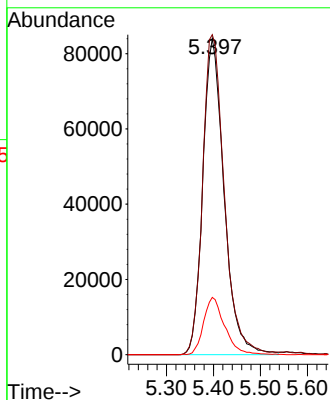
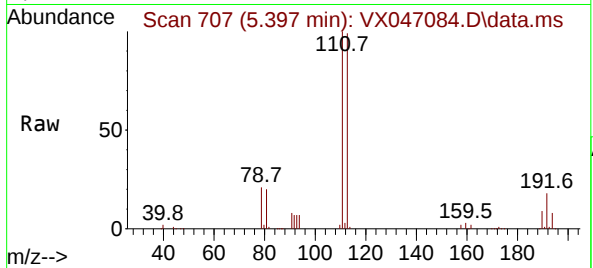




#35
Dibromofluoromethane
Concen: 48.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

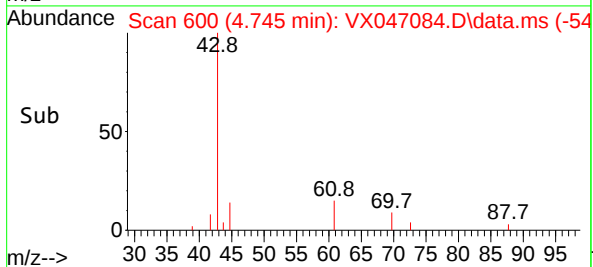
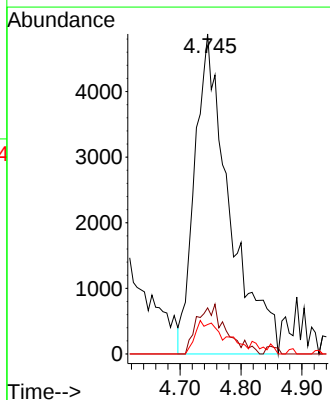
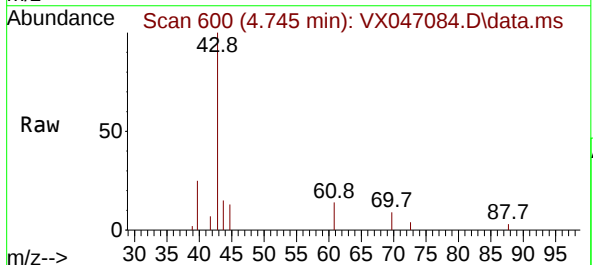
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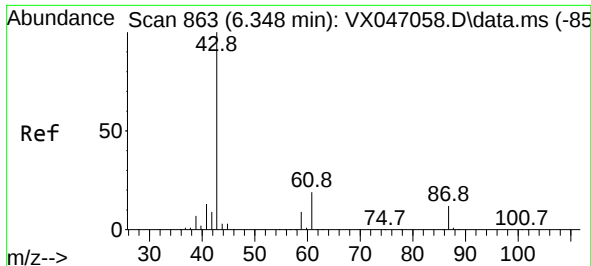
Tgt Ion:113 Resp: 264601
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.0 14.9 22.3



#37
Ethyl Acetate
Concen: 2.272 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

Tgt Ion: 43 Resp: 19310
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 9.0 8.1 12.1

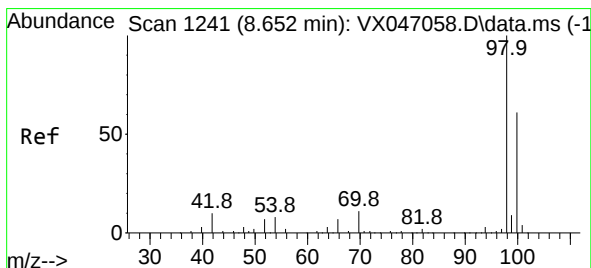
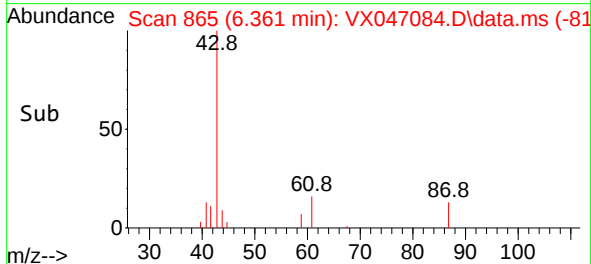
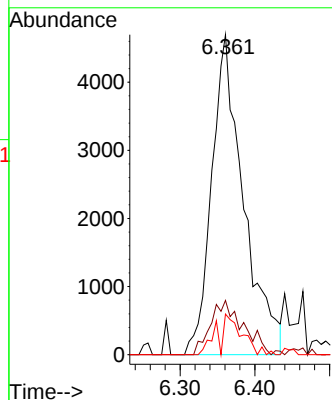
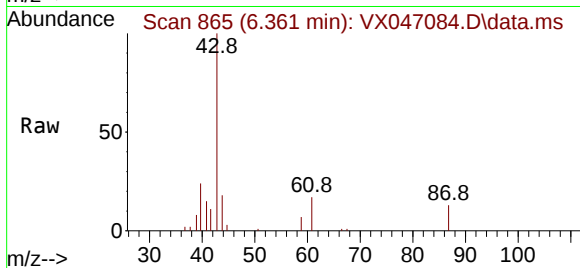




#43
Isopropyl Acetate
Concen: 1.043 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

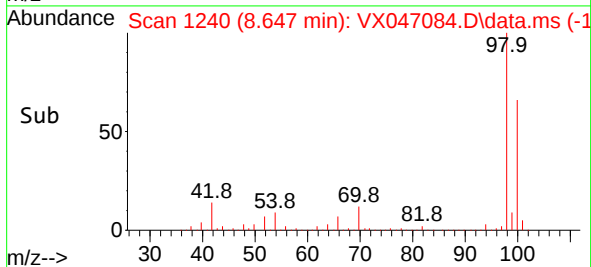
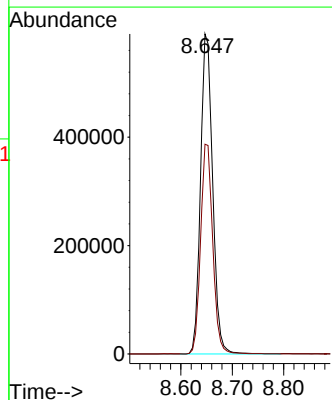
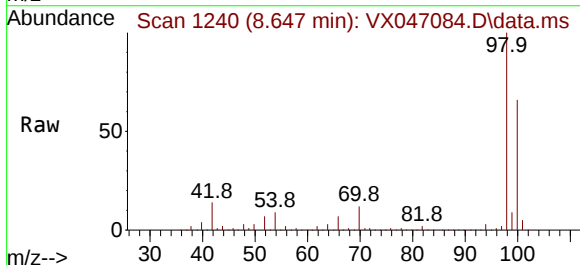
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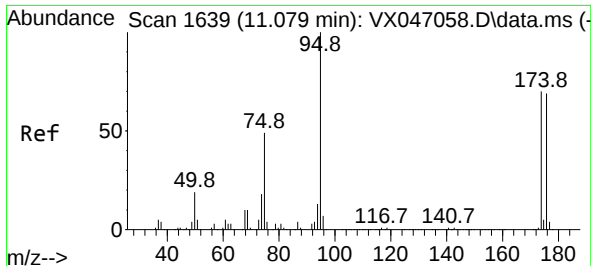
Tgt Ion: 43 Resp: 13813
Ion Ratio Lower Upper
43 100
61 17.3 15.1 22.7
87 7.2 9.7 14.5#



#50
Toluene-d8
Concen: 55.123 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

Tgt Ion: 98 Resp: 965774
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9

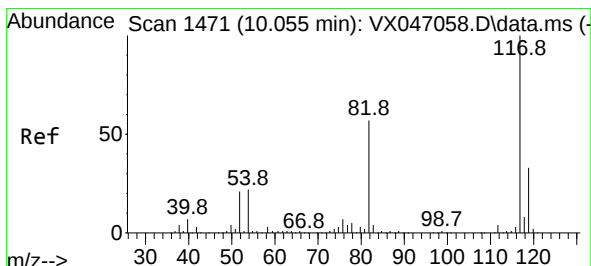
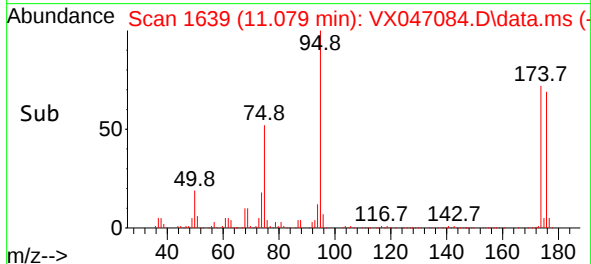
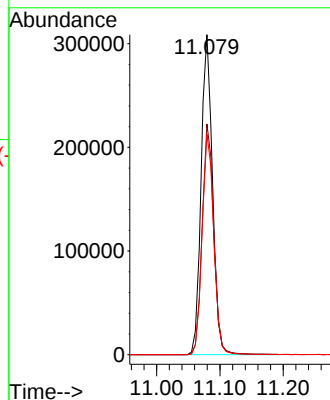
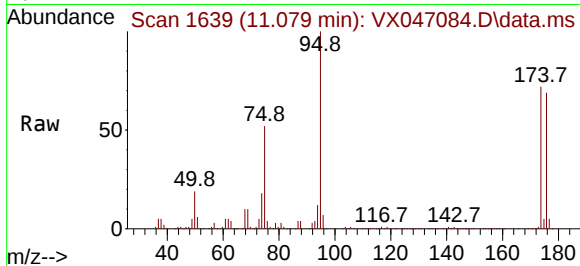




#62
4-Bromofluorobenzene
Concen: 51.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

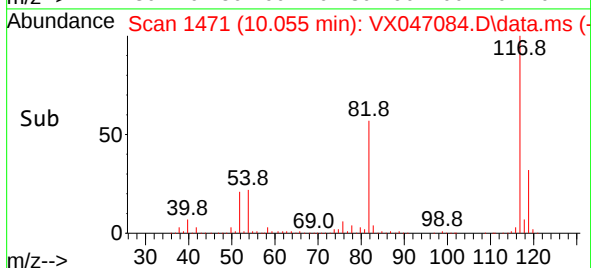
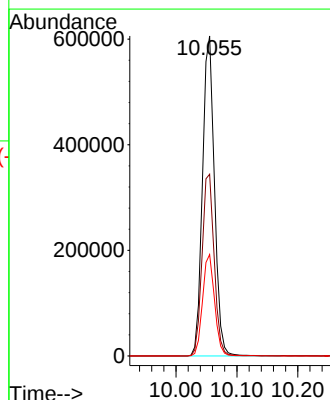
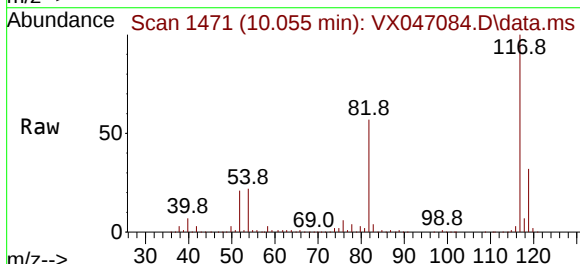
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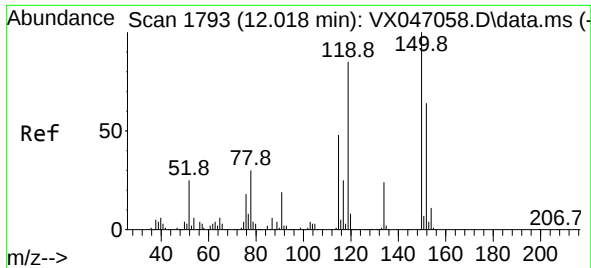
Tgt Ion: 95 Resp: 388504
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047084.D
Acq: 23 Jul 2025 12:43

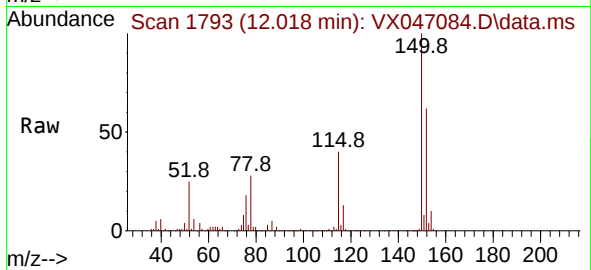
Tgt Ion: 117 Resp: 825280
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047084.D
 Acq: 23 Jul 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 406754
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.6 136.7
 150 158.1 0.0 354.6

