

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047248.D
 Acq On : 06 Aug 2025 15:33
 Operator : JC/MD
 Sample : Q2759-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOLID-DRUMS

Quant Time: Aug 07 01:19:31 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)

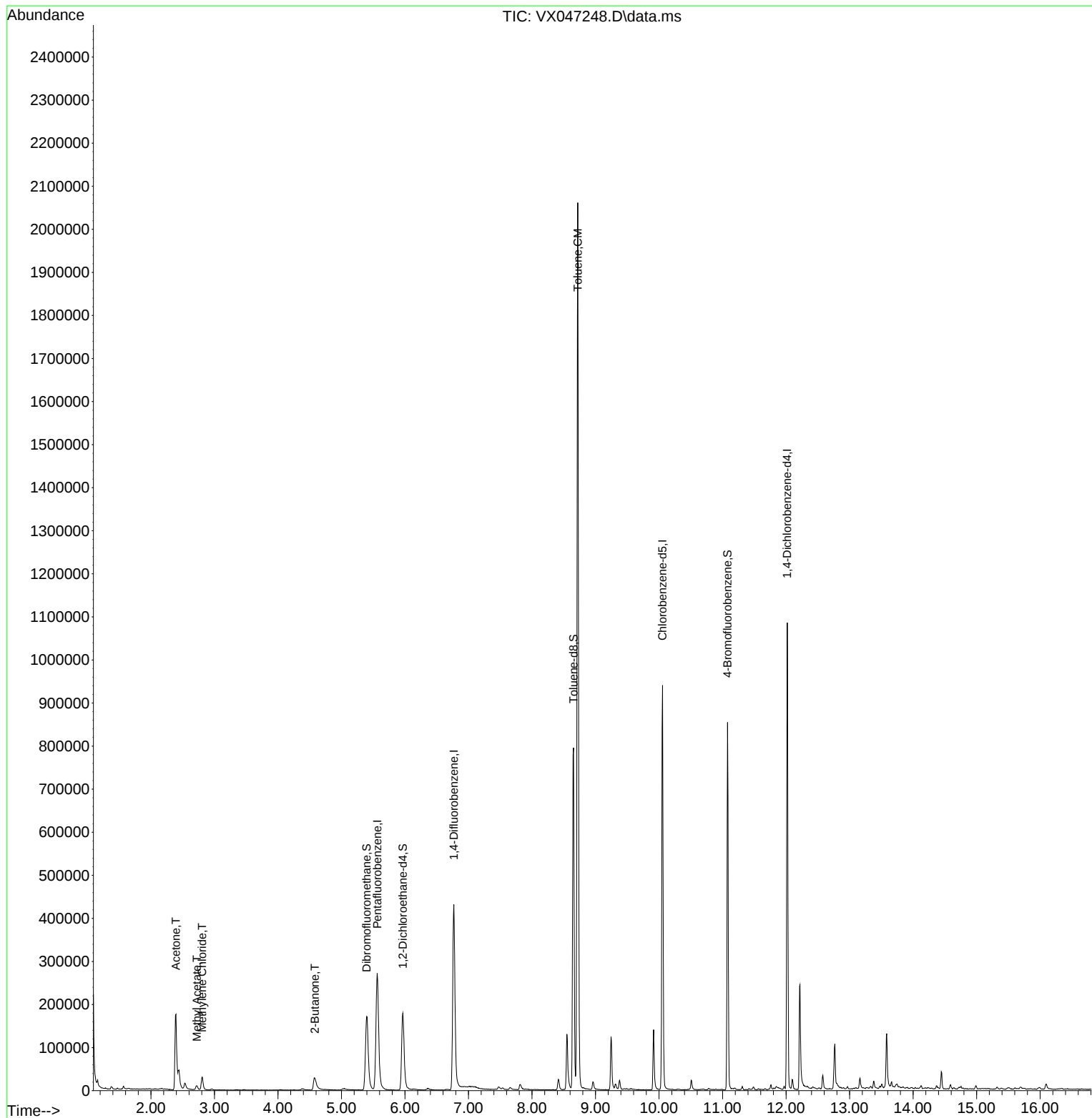
Internal Standards						
1) Pentafluorobenzene	5.562	168	267144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	459448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	187897	56.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.920%
35) Dibromofluoromethane	5.397	113	164124	57.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.720%
50) Toluene-d8	8.653	98	483876	52.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.340%
62) 4-Bromofluorobenzene	11.079	95	226219	57.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.280%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	245918	184.469	ug/l	100
18) Methyl Acetate	2.721	43	15324	4.325	ug/l	97
20) Methylene Chloride	2.806	84	15344	4.184	ug/l	93
25) 2-Butanone	4.580	43	66150	34.078	ug/l	96
52) Toluene	8.720	92	777509	90.359	ug/l	98

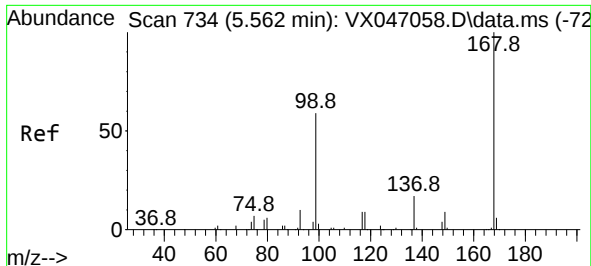
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Aug 07 01:19:31 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

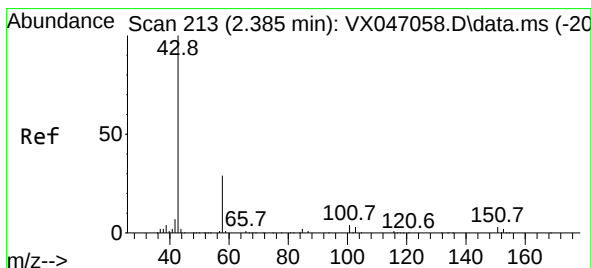
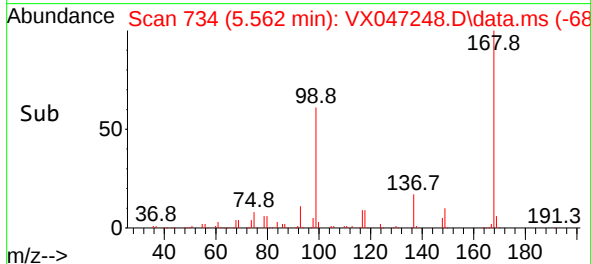
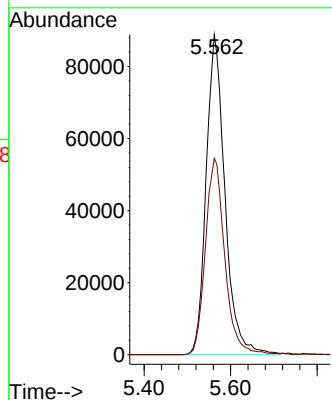
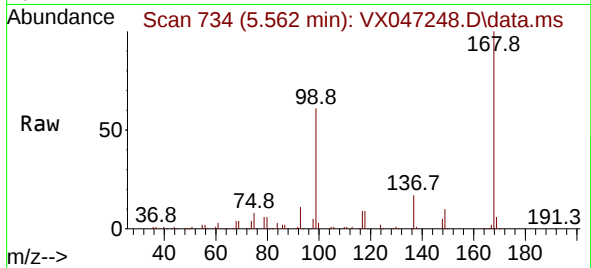




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

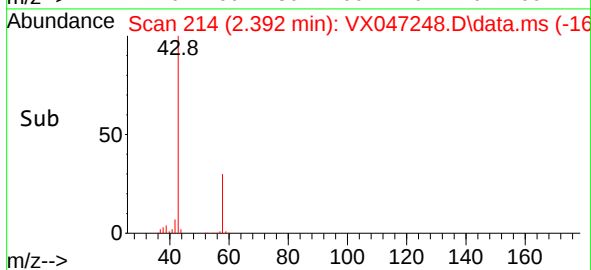
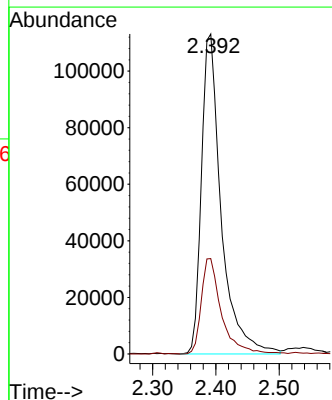
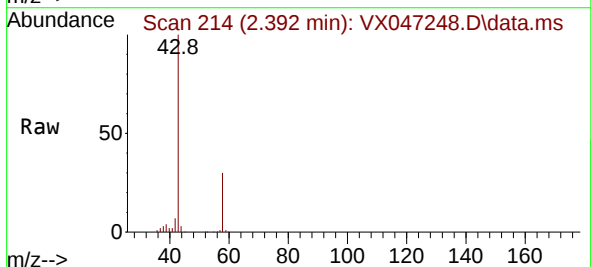
Instrument :
MSVOA_X
ClientSampleId :
SOLID-DRUMS

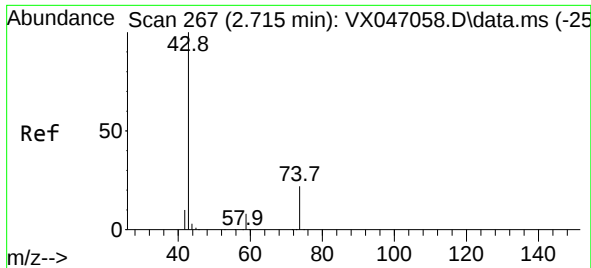
Tgt Ion:168 Resp: 267144
Ion Ratio Lower Upper
168 100
99 61.4 48.0 72.0



#16
Acetone
Concen: 184.469 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion: 43 Resp: 245918
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

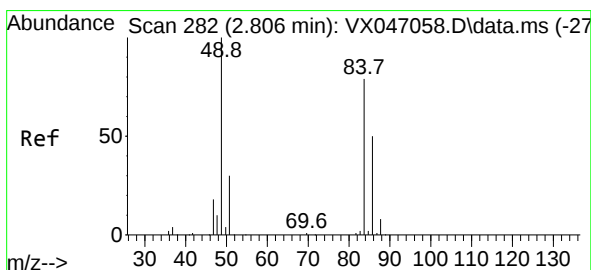
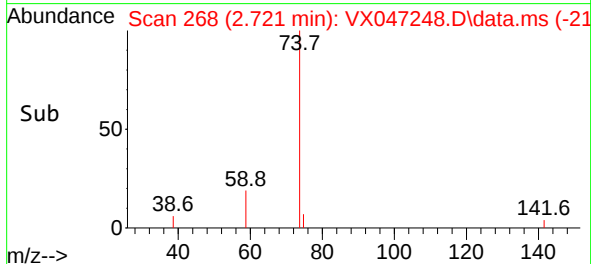
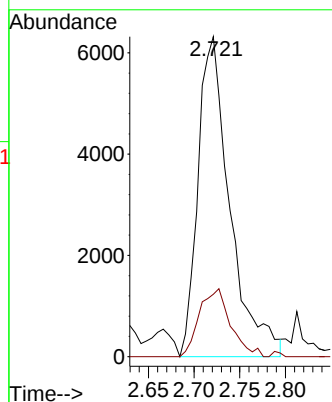
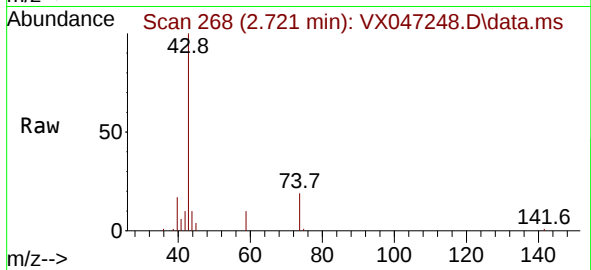




#18
Methyl Acetate
Concen: 4.325 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

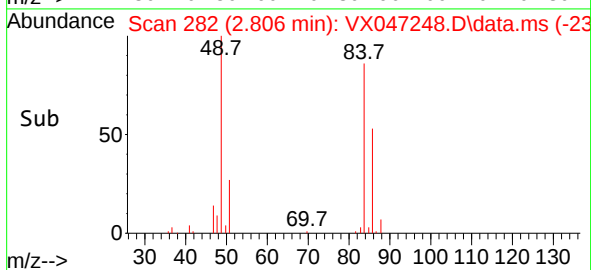
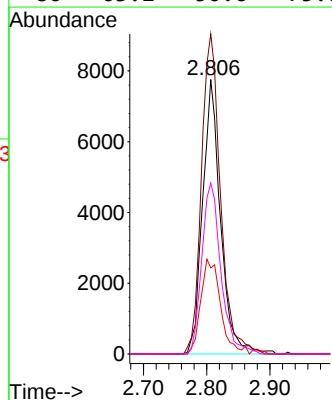
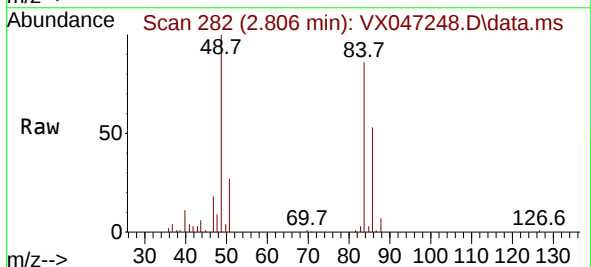
Instrument :
MSVOA_X
ClientSampleId :
SOLID-DRUMS

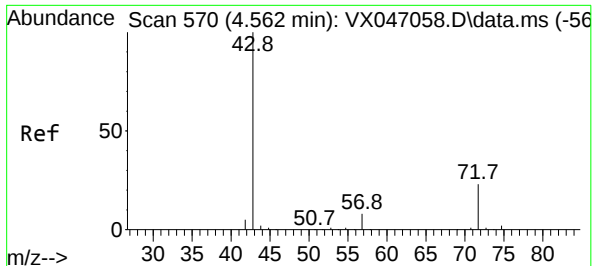
Tgt Ion: 43 Resp: 15324
Ion Ratio Lower Upper
43 100
74 20.7 17.7 26.5



#20
Methylene Chloride
Concen: 4.184 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion: 84 Resp: 15344
Ion Ratio Lower Upper
84 100
49 116.6 101.6 152.4
51 31.4 30.3 45.5
86 63.2 50.6 75.8

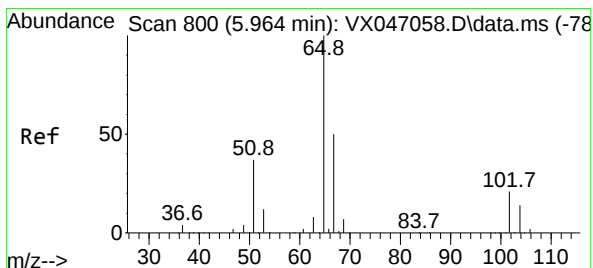
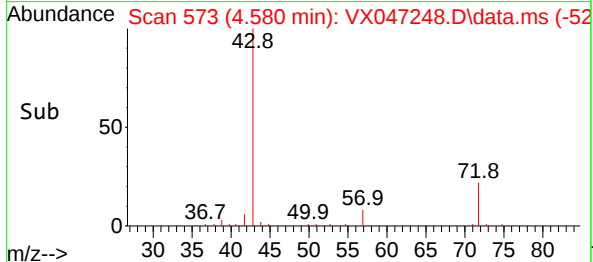
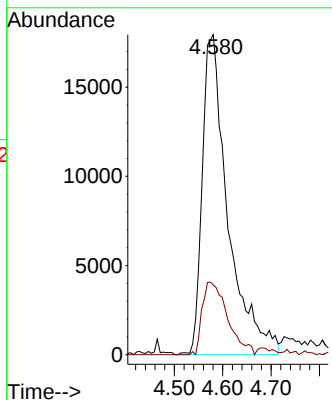
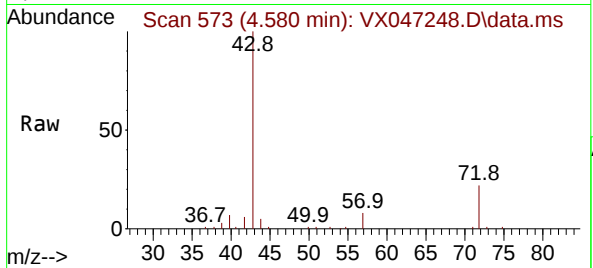




#25
2-Butanone
Concen: 34.078 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

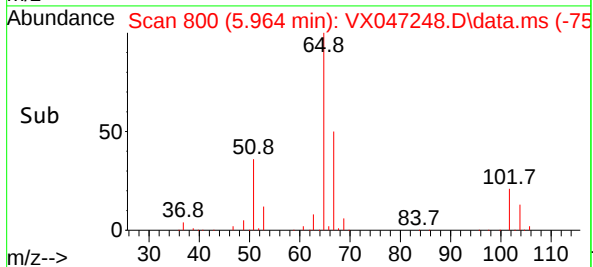
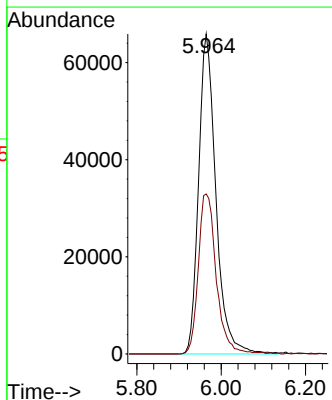
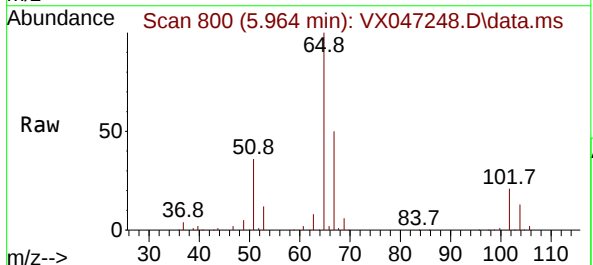
Instrument :
MSVOA_X
ClientSampleId :
SOLID-DRUMS

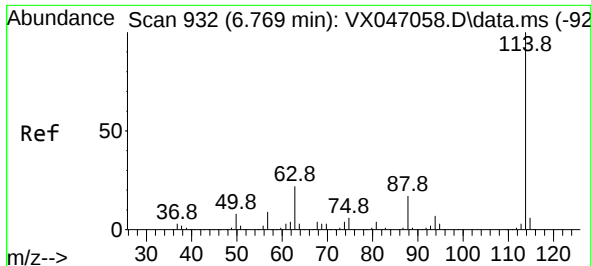
Tgt Ion: 43 Resp: 66150
Ion Ratio Lower Upper
43 100
72 21.8 18.8 28.2



#33
1,2-Dichloroethane-d4
Concen: 56.463 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion: 65 Resp: 187897
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

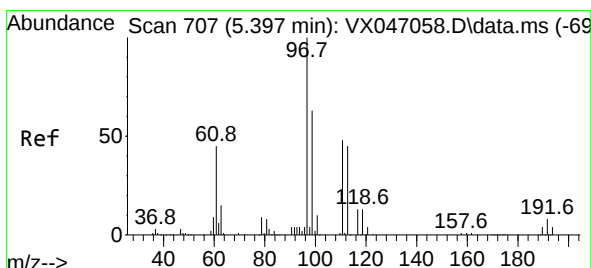
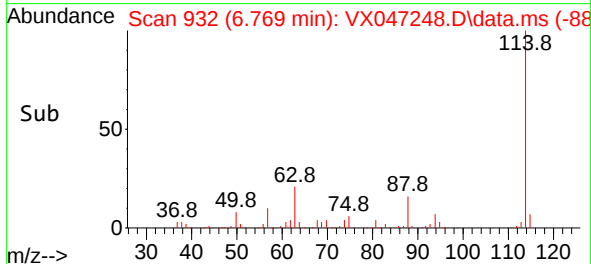
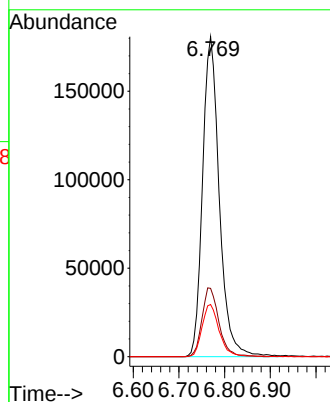
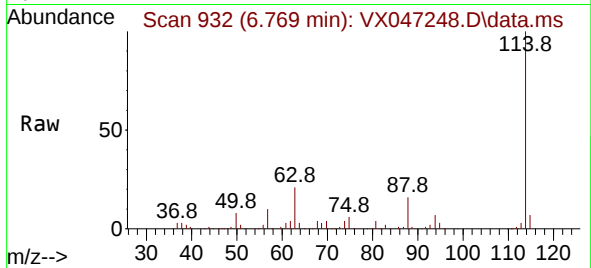




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

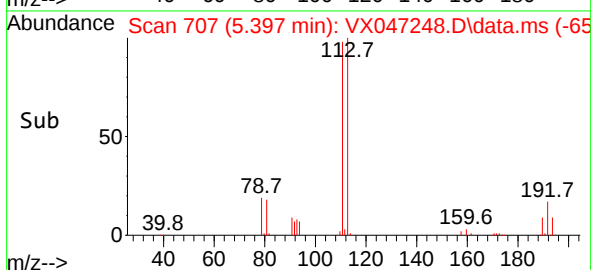
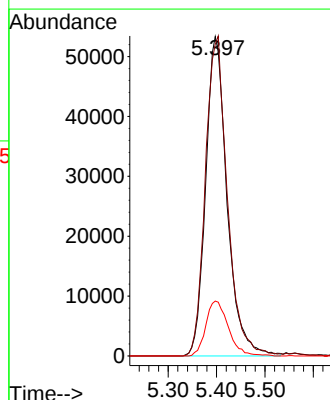
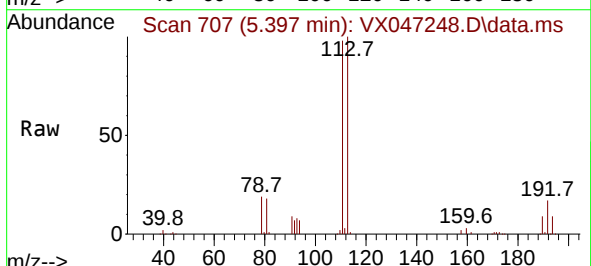
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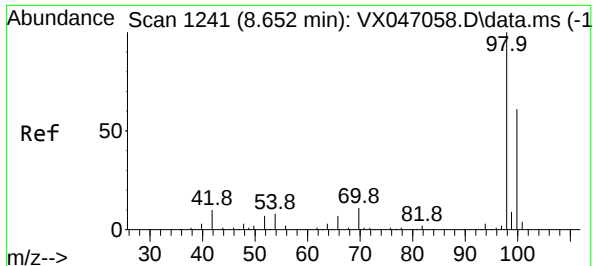
Tgt Ion:114 Resp: 459448
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 57.856 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion:113 Resp: 164124
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.1 14.9 22.3

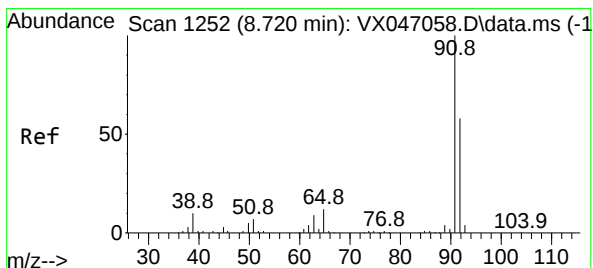
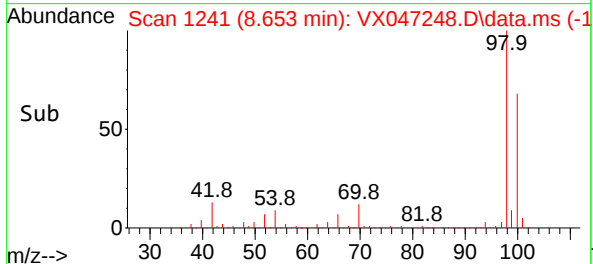
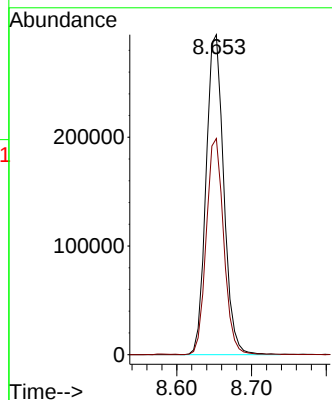
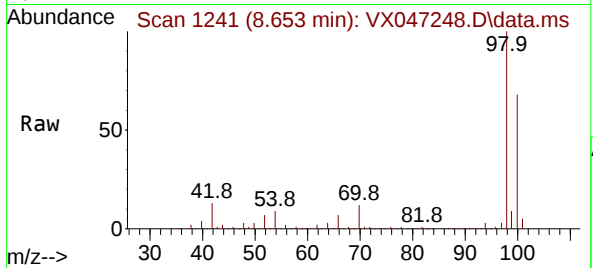




#50
Toluene-d8
Concen: 52.670 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

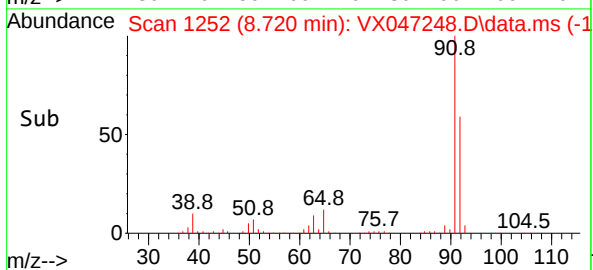
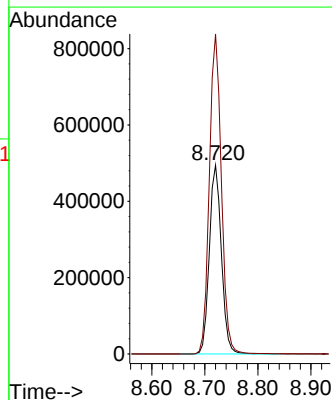
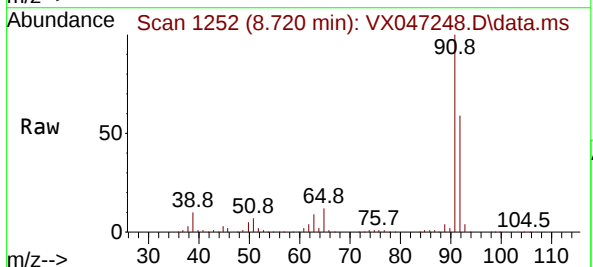
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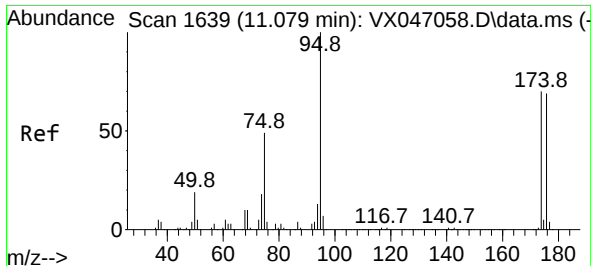
Tgt Ion: 98 Resp: 483876
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#52
Toluene
Concen: 90.359 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion: 92 Resp: 777509
Ion Ratio Lower Upper
92 100
91 169.6 137.9 206.9

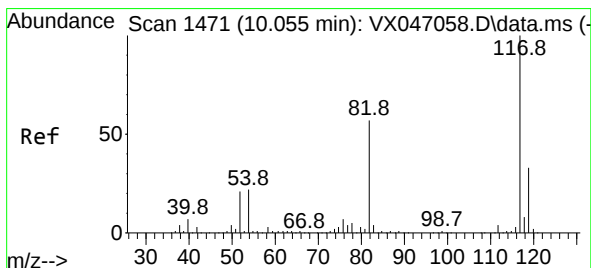
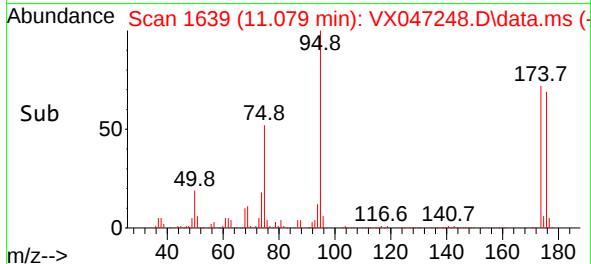
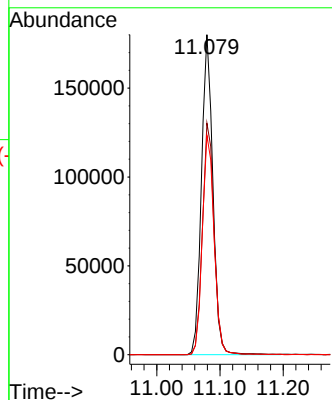
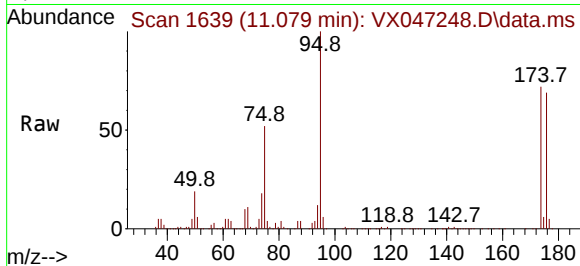




#62
4-Bromofluorobenzene
Concen: 57.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

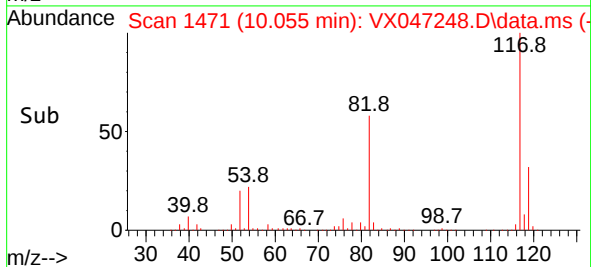
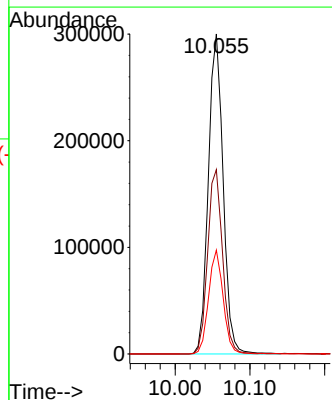
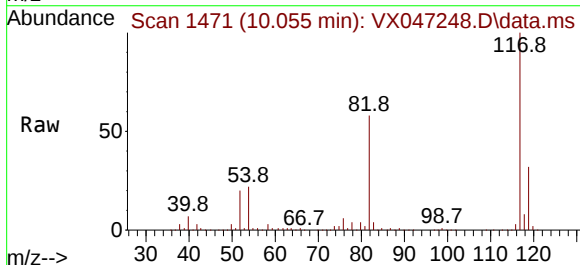
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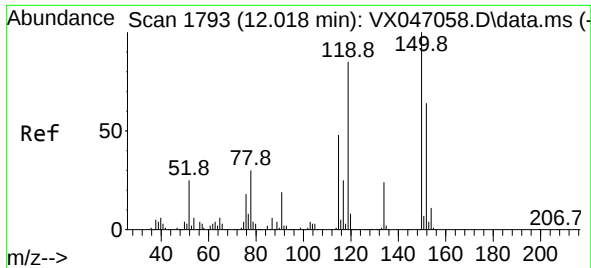
Tgt Ion: 95 Resp: 226219
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 71.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047248.D
Acq: 06 Aug 2025 15:33

Tgt Ion: 117 Resp: 412697
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 32.4 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: VX047248.D
 Acq: 06 Aug 2025 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 212489
 Ion Ratio Lower Upper
 152 100
 115 62.7 45.6 136.7
 150 158.0 0.0 354.6

