

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047273.D
 Acq On : 08 Aug 2025 15:51
 Operator : JC/MD
 Sample : Q2800-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

Quant Time: Aug 11 02:02:53 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)

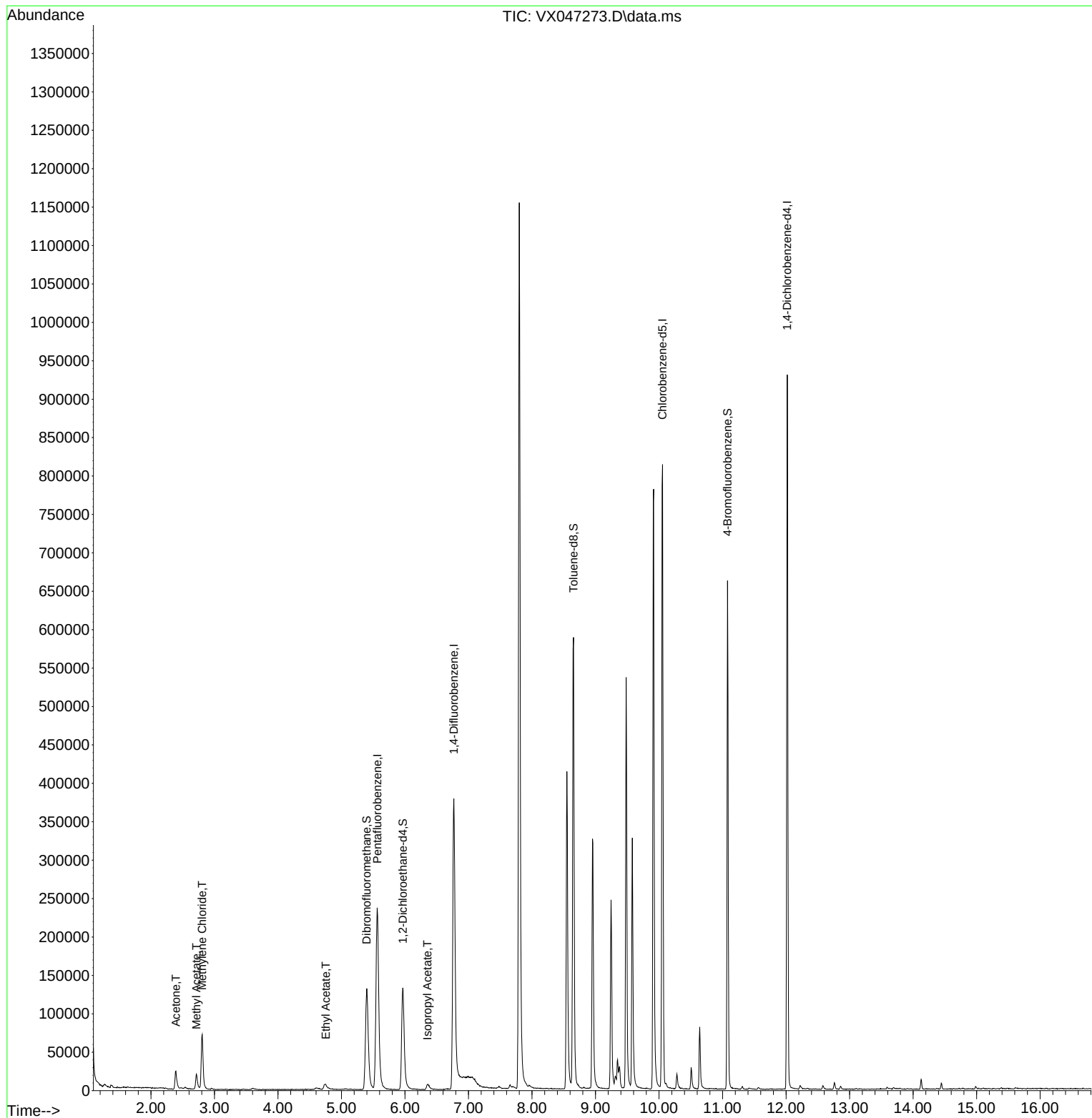
Internal Standards						
1) Pentafluorobenzene	5.562	168	235989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	408399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143013	48.649	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.397	113	124168	49.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	8.653	98	357304	43.754	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.500%#
62) 4-Bromofluorobenzene	11.079	95	174286	49.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	34793	29.545	ug/l	96
18) Methyl Acetate	2.715	43	28437	9.087	ug/l	100
20) Methylene Chloride	2.806	84	36557	11.284	ug/l	100
37) Ethyl Acetate	4.751	43	14002	3.535	ug/l	98
43) Isopropyl Acetate	6.354	43	12547	2.032	ug/l #	92

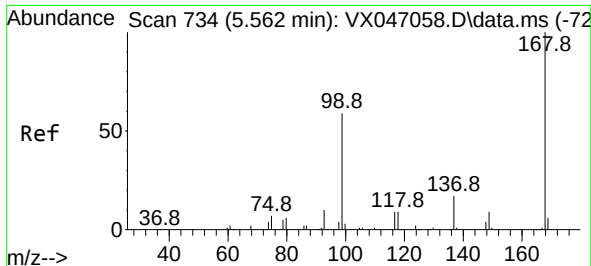
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 02:02:53 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

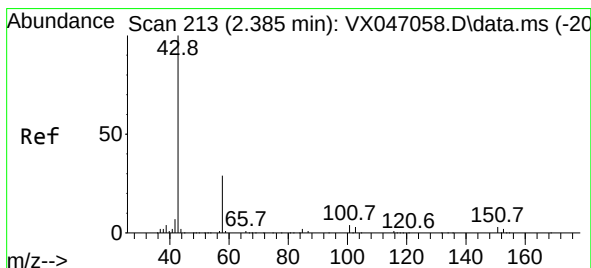
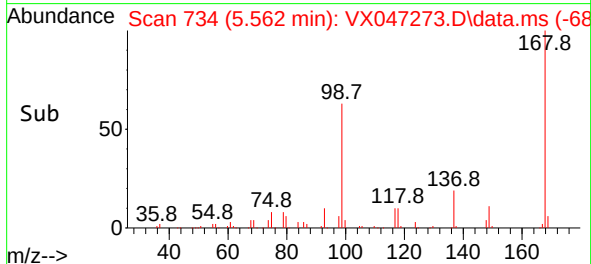
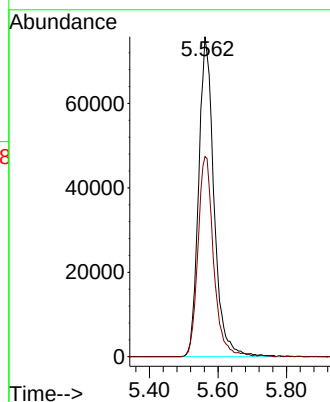
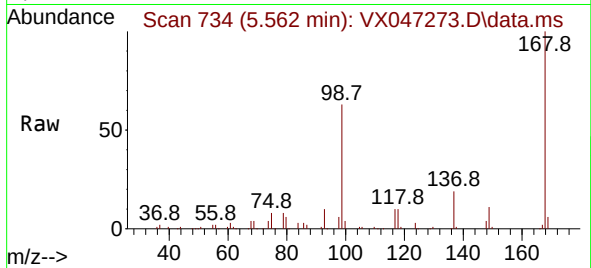




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

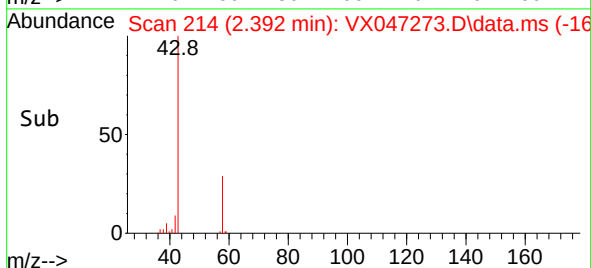
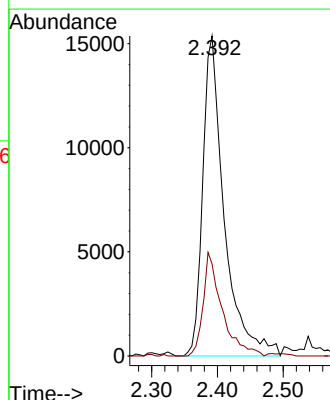
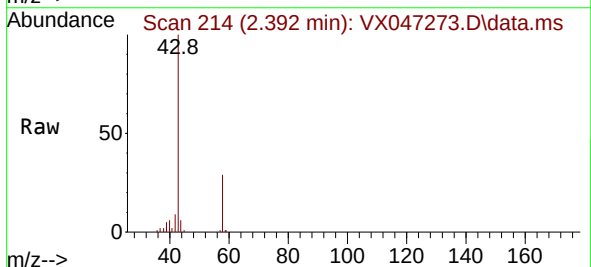
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

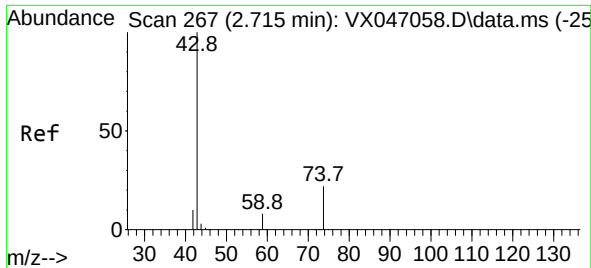
Tgt Ion:168 Resp: 235989
Ion Ratio Lower Upper
168 100
99 62.5 48.0 72.0



#16
Acetone
Concen: 29.545 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

Tgt Ion: 43 Resp: 34793
Ion Ratio Lower Upper
43 100
58 28.0 24.0 36.0

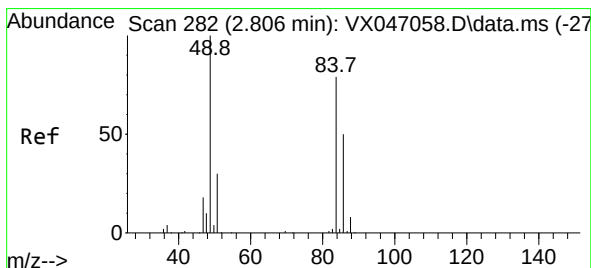
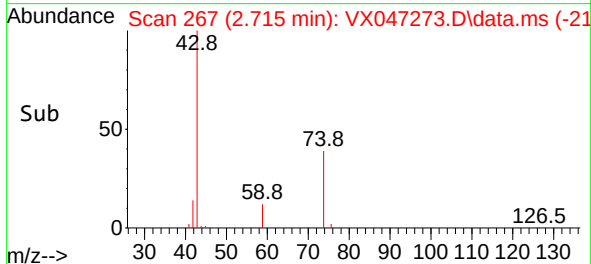
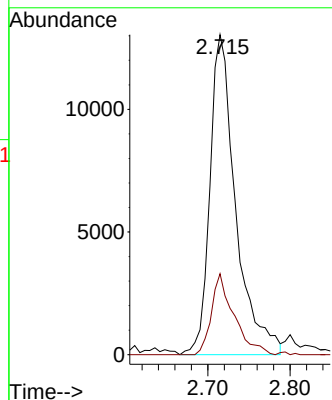
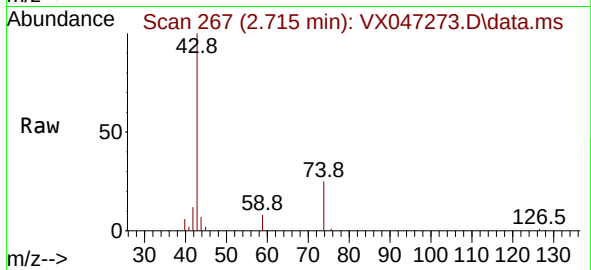




#18
Methyl Acetate
Concen: 9.087 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

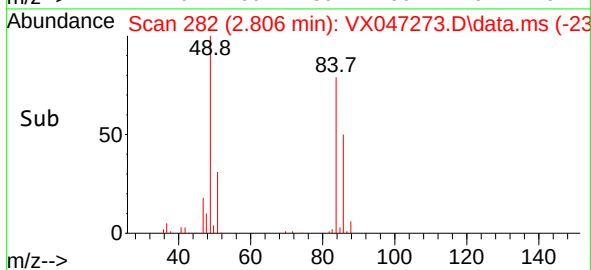
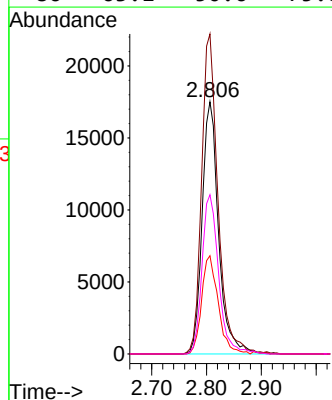
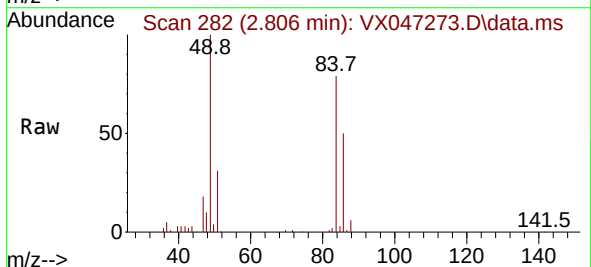
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

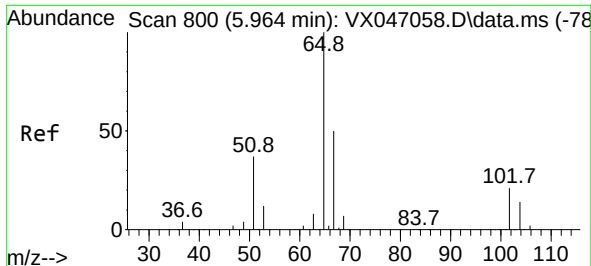
Tgt Ion: 43 Resp: 28437
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 11.284 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

Tgt Ion: 84 Resp: 36557
Ion Ratio Lower Upper
84 100
49 126.9 101.6 152.4
51 38.9 30.3 45.5
86 63.1 50.6 75.8

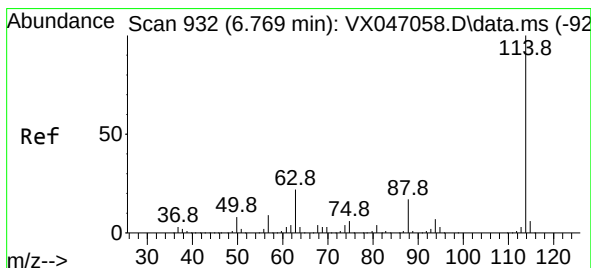
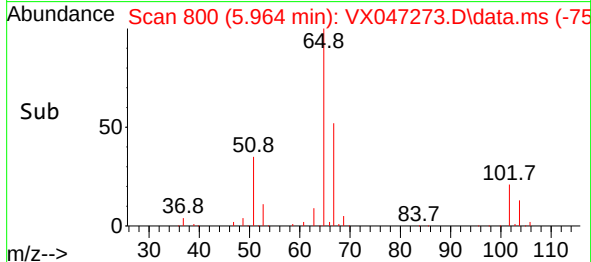
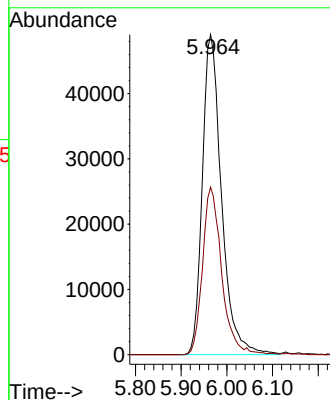
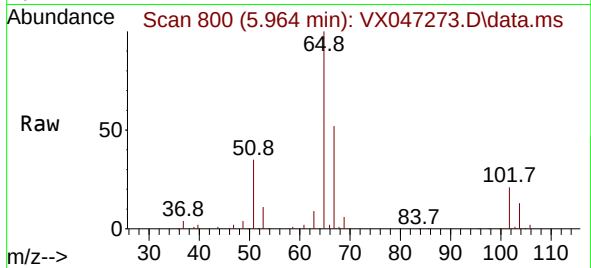




#33
 1,2-Dichloroethane-d4
 Concen: 48.649 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047273.D
 Acq: 08 Aug 2025 15:51

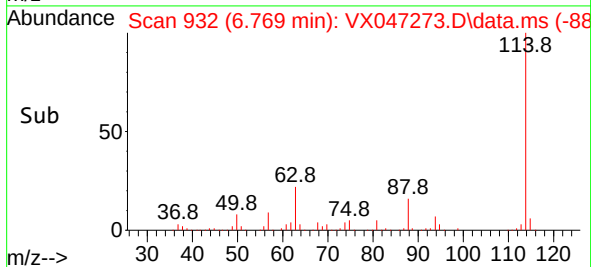
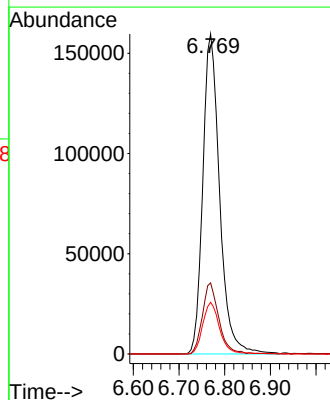
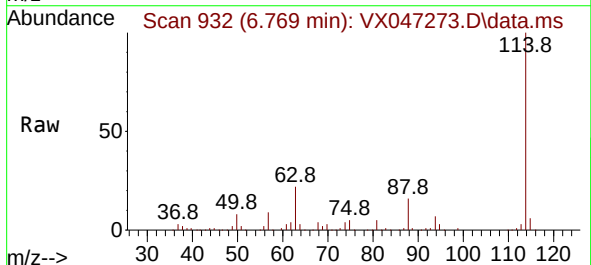
Instrument :
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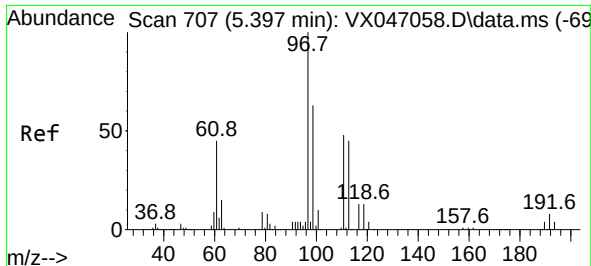
Tgt Ion: 65 Resp: 143013
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047273.D
 Acq: 08 Aug 2025 15:51

Tgt Ion: 114 Resp: 408399
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.1 0.0 33.8

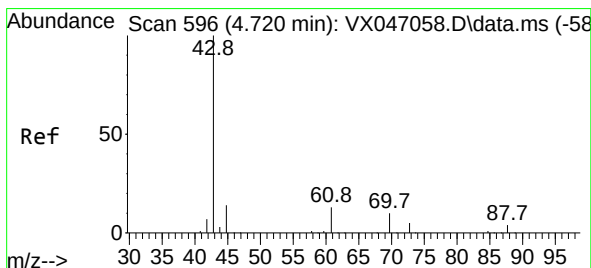
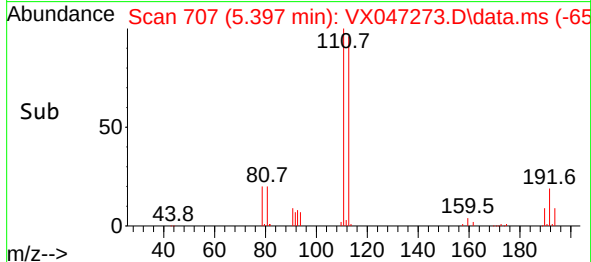
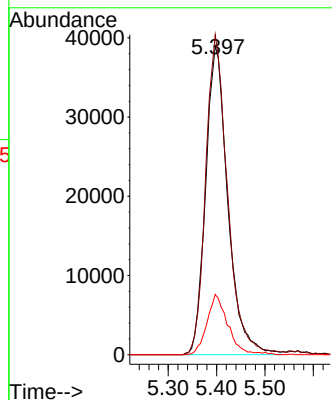
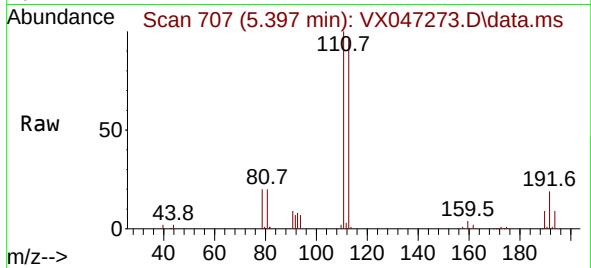




#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

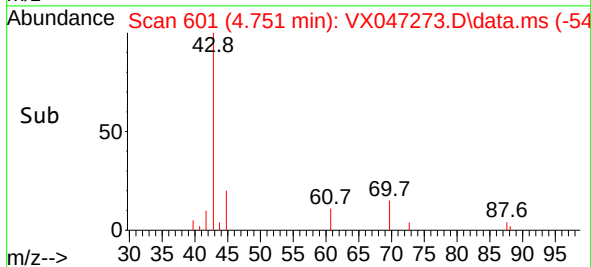
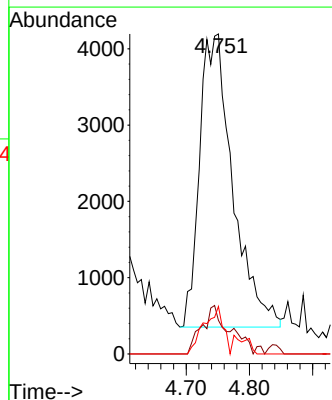
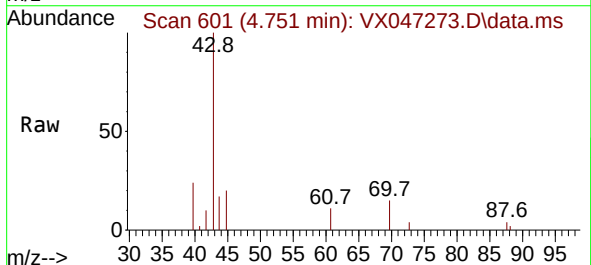
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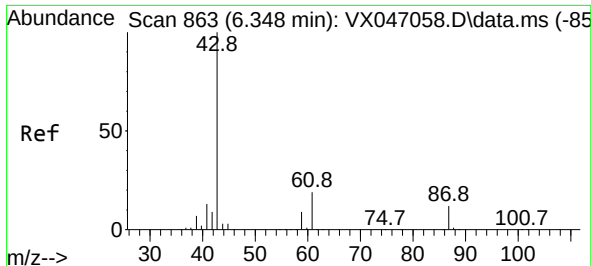
Tgt Ion:113 Resp: 124168
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.4 14.9 22.3



#37
Ethyl Acetate
Concen: 3.535 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

Tgt Ion: 43 Resp: 14002
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.2
70 9.4 8.1 12.1

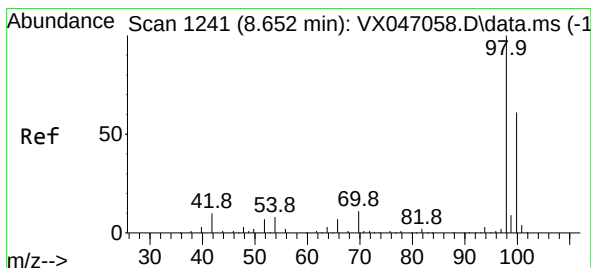
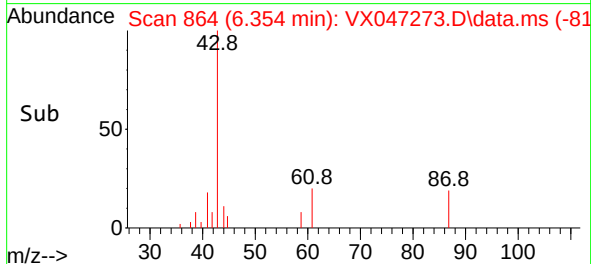
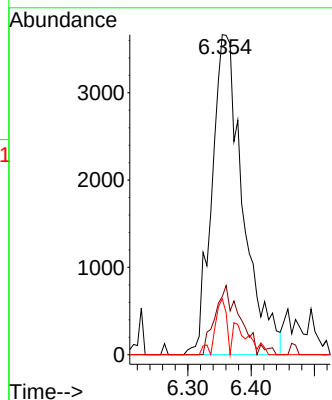
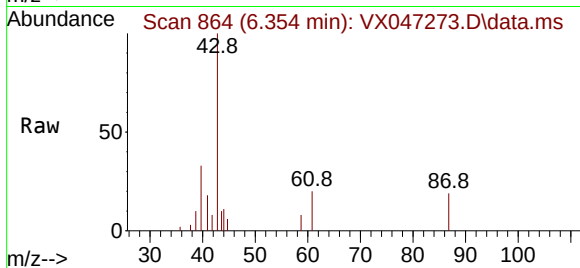




#43
Isopropyl Acetate
Concen: 2.032 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

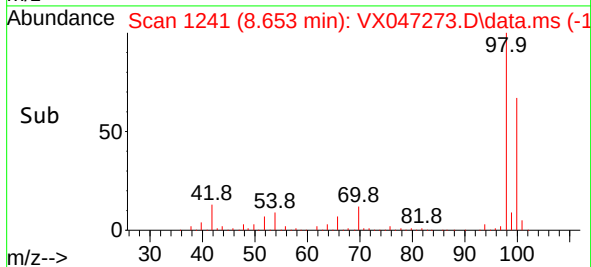
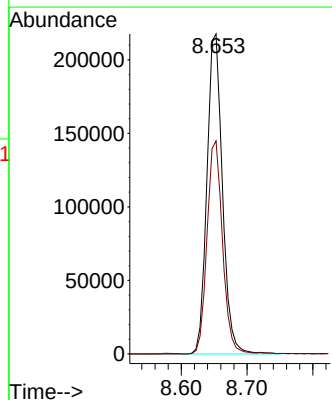
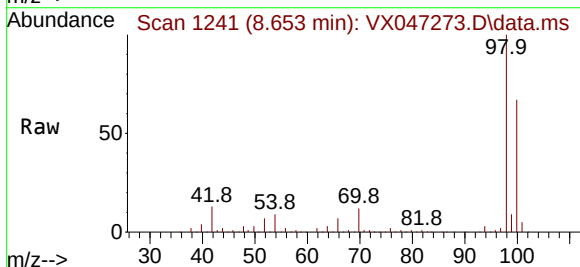
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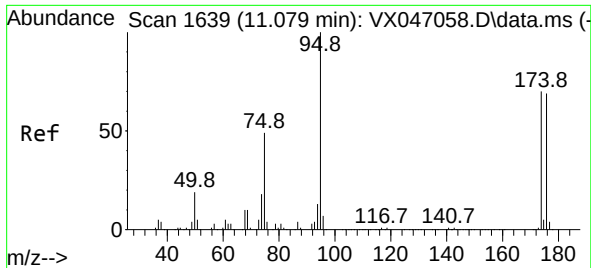
Tgt Ion: 43 Resp: 12547
Ion Ratio Lower Upper
43 100
61 17.3 15.1 22.7
87 6.3 9.7 14.5#



#50
Toluene-d8
Concen: 43.754 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

Tgt Ion: 98 Resp: 357304
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

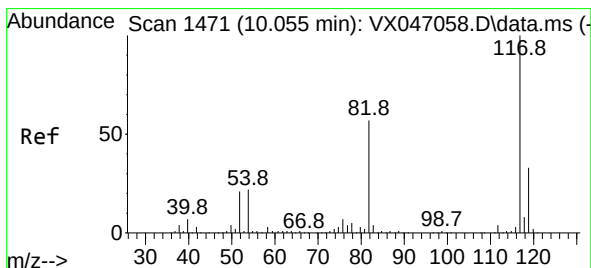
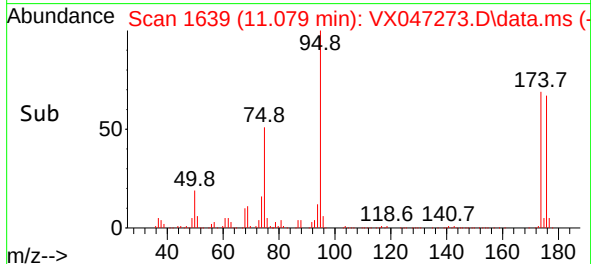
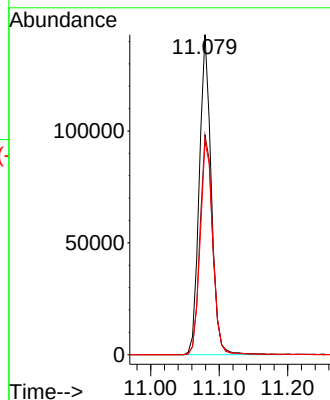
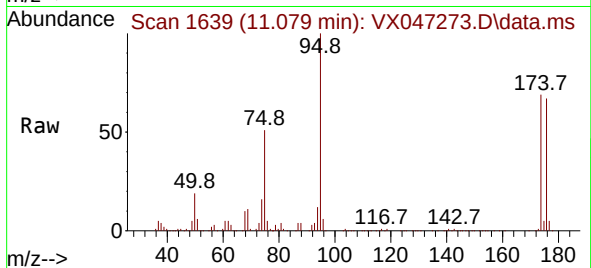




#62
4-Bromofluorobenzene
Concen: 49.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

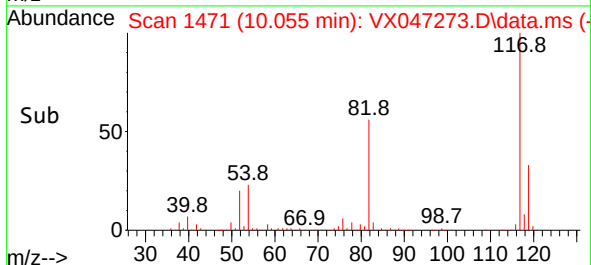
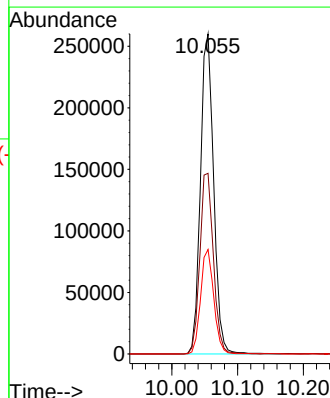
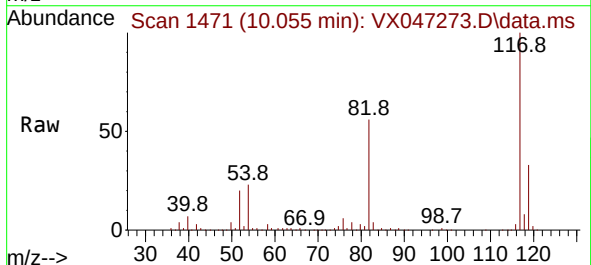
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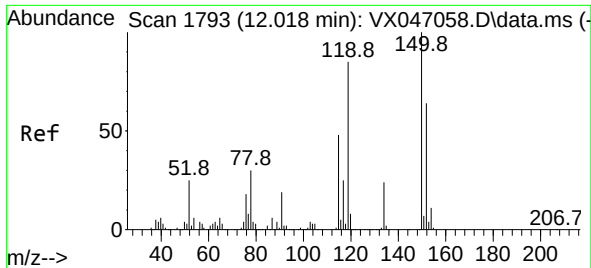
Tgt Ion: 95 Resp: 174286
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047273.D
Acq: 08 Aug 2025 15:51

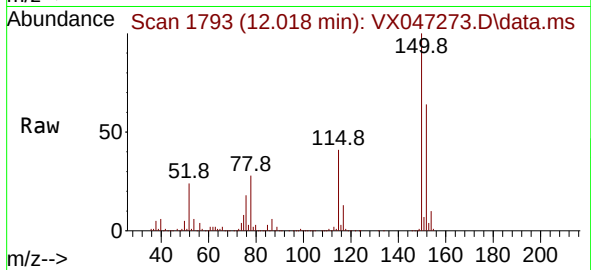
Tgt Ion: 117 Resp: 362012
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047273.D
 Acq: 08 Aug 2025 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 187549
 Ion Ratio Lower Upper
 152 100
 115 62.6 45.6 136.7
 150 156.6 0.0 354.6

