

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047186.D
 Acq On : 30 Jul 2025 15:00
 Operator : JC/MD
 Sample : Q2709-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 7211935-295

Quant Time: Jul 31 03:17:09 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)

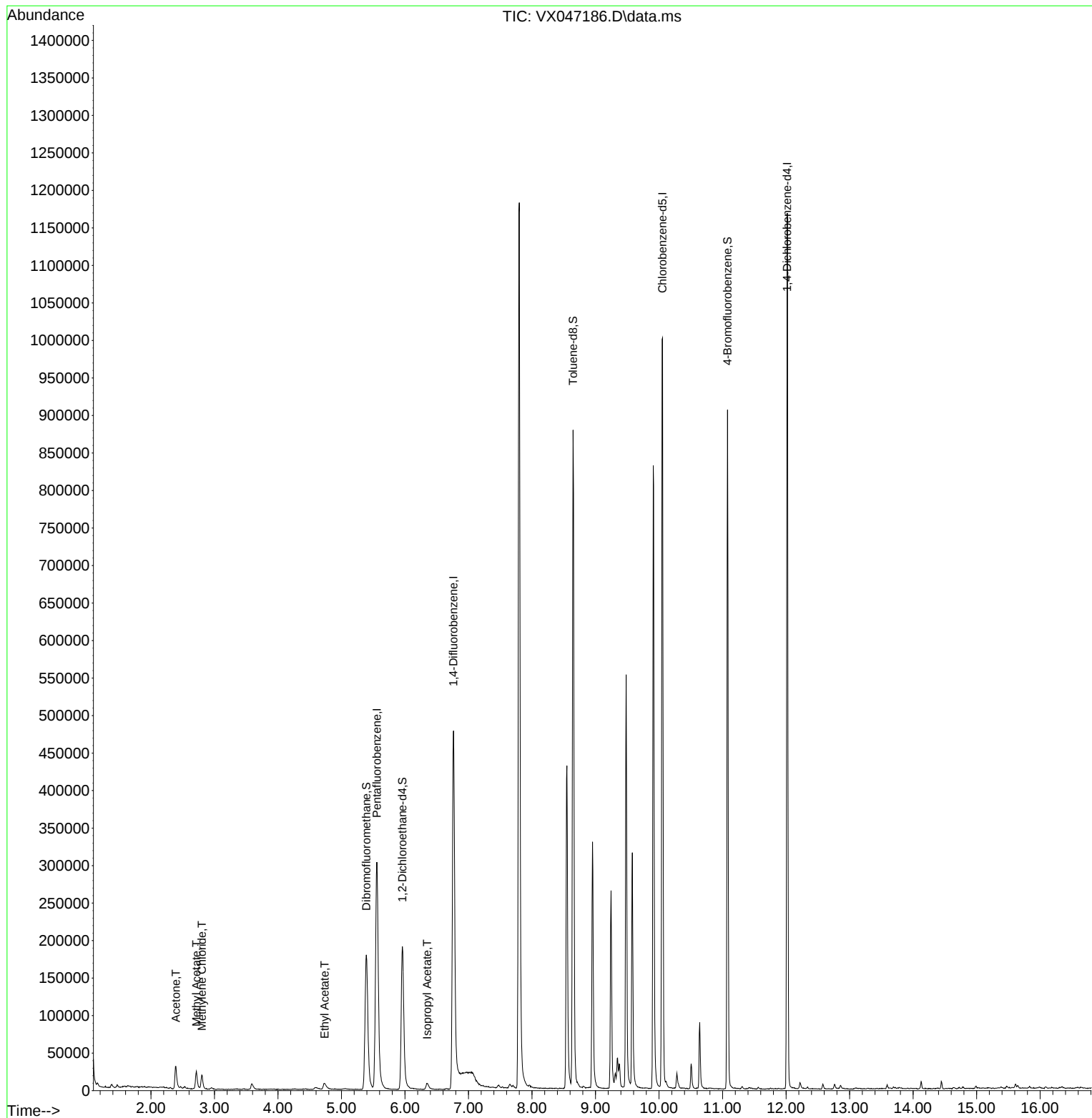
Internal Standards						
1) Pentafluorobenzene	5.556	168	302963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	516099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204834	54.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.560%	
35) Dibromofluoromethane	5.391	113	173716	54.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.040%	
50) Toluene-d8	8.647	98	529897	51.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.079	95	240626	54.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	44844	29.662	ug/l	99
18) Methyl Acetate	2.715	43	31869	7.932	ug/l	99
20) Methylene Chloride	2.800	84	8945	2.151	ug/l	90
37) Ethyl Acetate	4.733	43	17972	3.591	ug/l #	94
43) Isopropyl Acetate	6.348	43	15024	1.925	ug/l	95

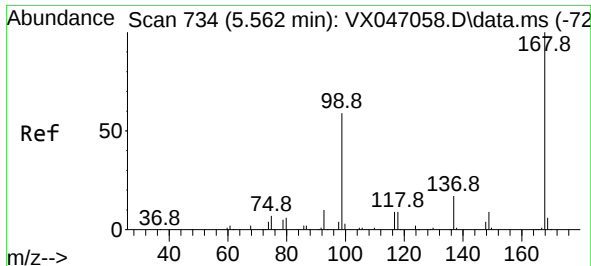
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

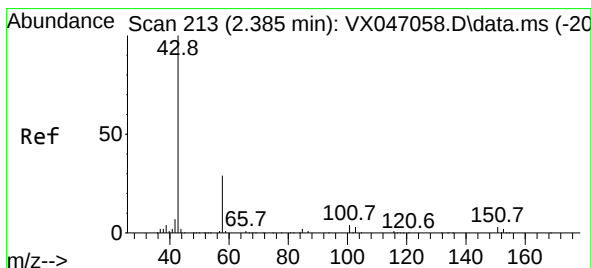
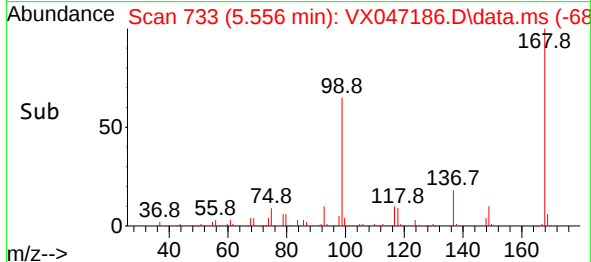
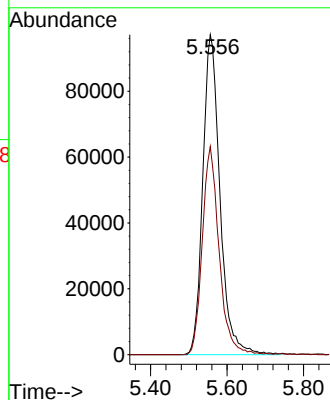
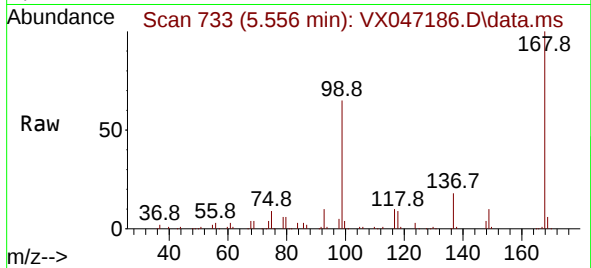




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

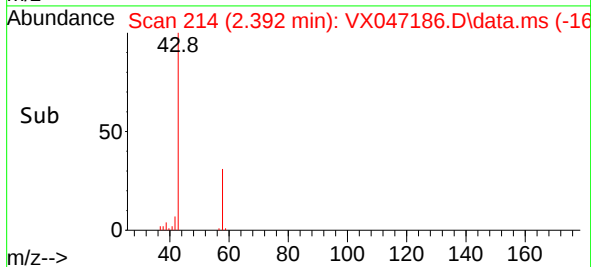
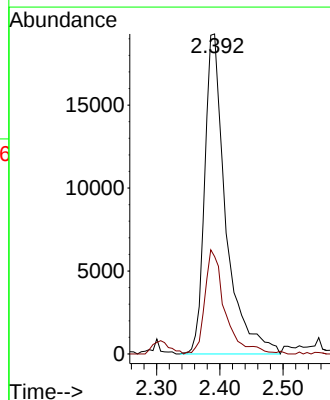
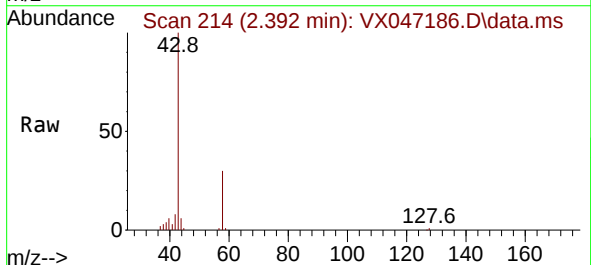
Instrument :
MSVOA_X
ClientSampleId :
7211935-295

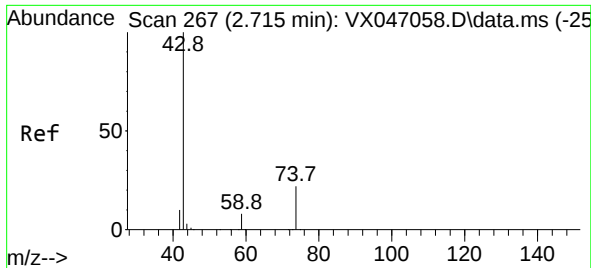
Tgt Ion:168 Resp: 302963
Ion Ratio Lower Upper
168 100
99 65.1 48.0 72.0



#16
Acetone
Concen: 29.662 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

Tgt Ion: 43 Resp: 44844
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0

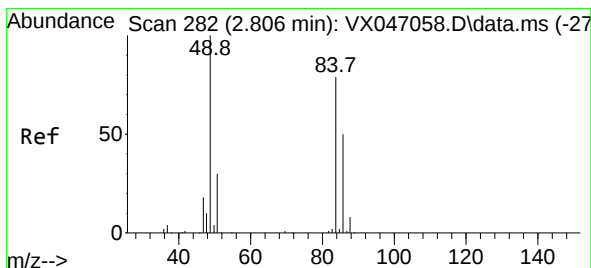
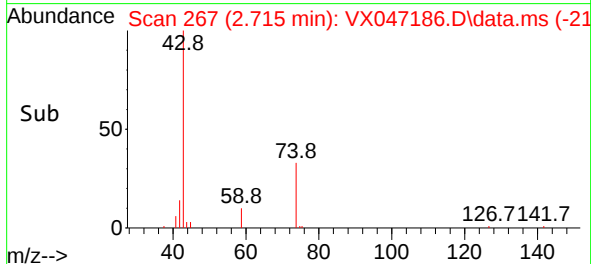
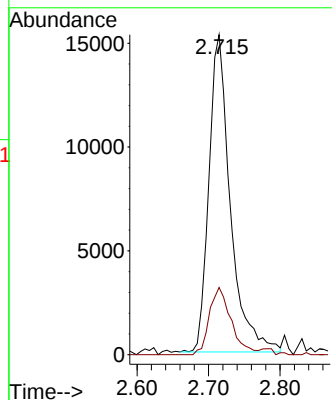
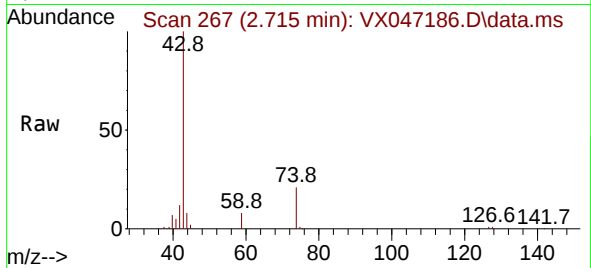




#18
Methyl Acetate
Concen: 7.932 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

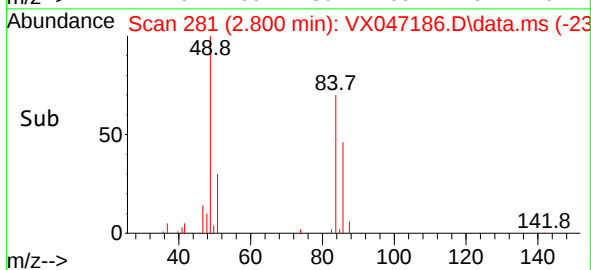
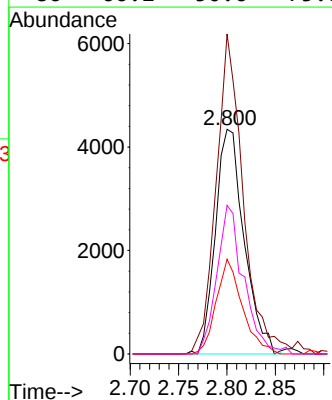
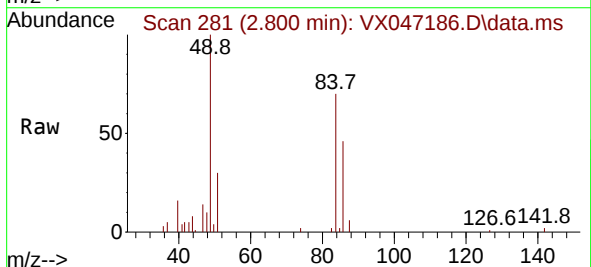
Instrument :
MSVOA_X
ClientSampleId :
7211935-295

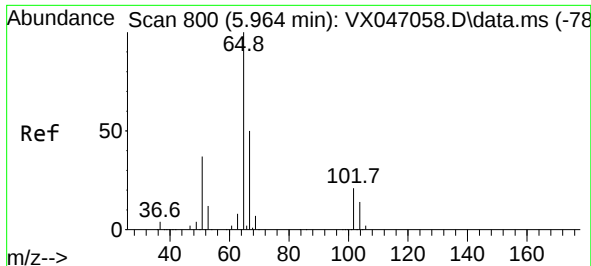
Tgt Ion: 43 Resp: 31869
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 2.151 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

Tgt Ion: 84 Resp: 8945
Ion Ratio Lower Upper
84 100
49 142.5 101.6 152.4
51 42.2 30.3 45.5
86 66.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.276 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047186.D

Acq: 30 Jul 2025 15:00

Instrument :

MSVOA_X

ClientSampleId :

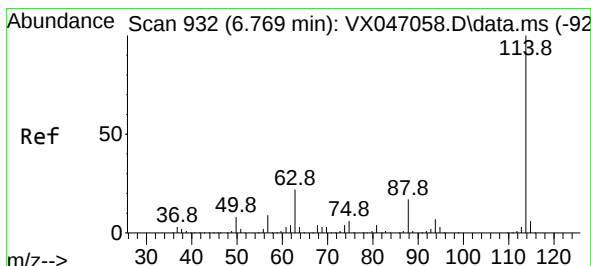
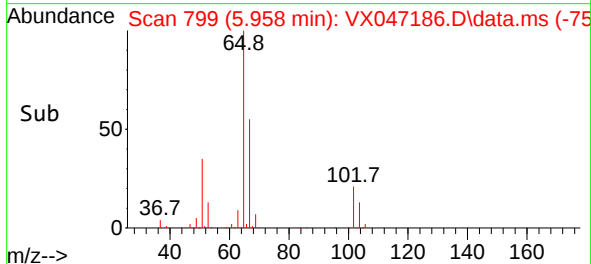
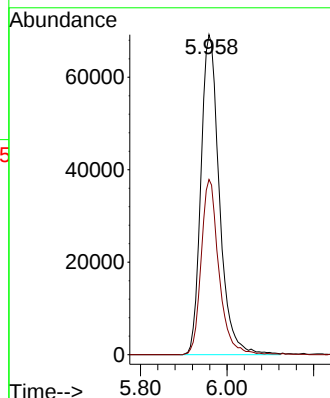
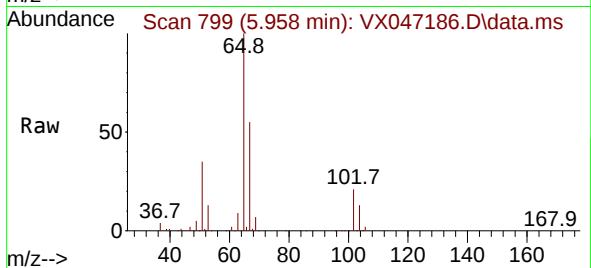
7211935-295

Tgt Ion: 65 Resp: 204834

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047186.D

Acq: 30 Jul 2025 15:00

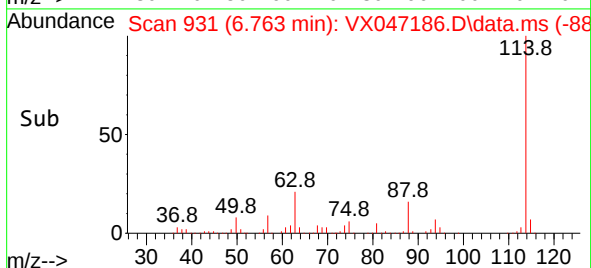
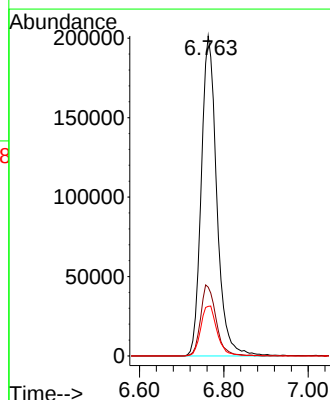
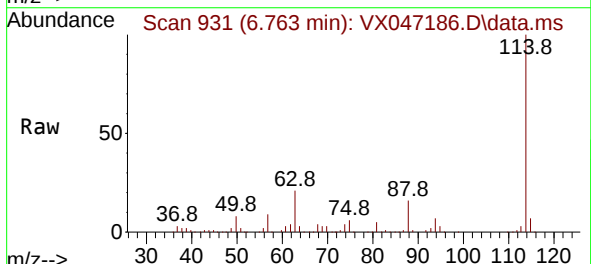
Tgt Ion: 114 Resp: 516099

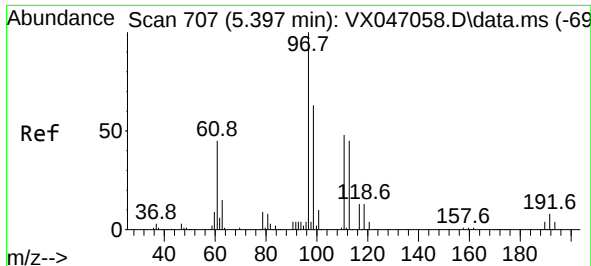
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.5 0.0 33.8

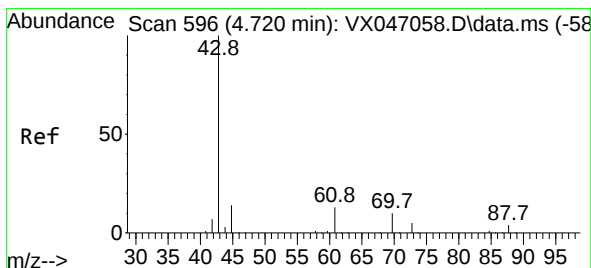
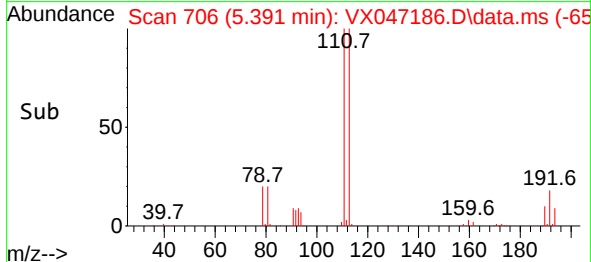
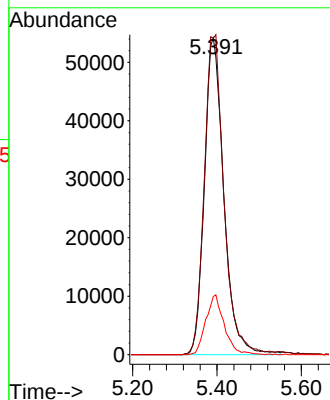
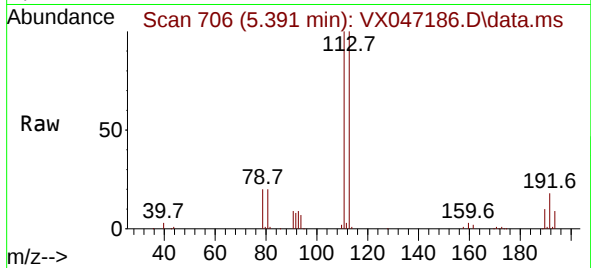




#35
Dibromofluoromethane
Concen: 54.515 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

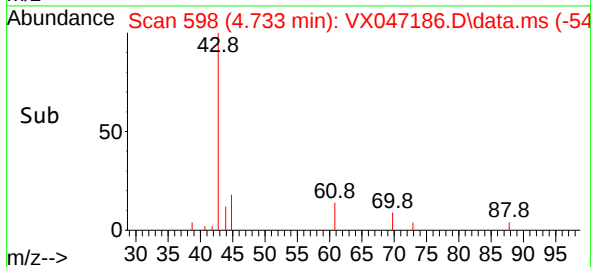
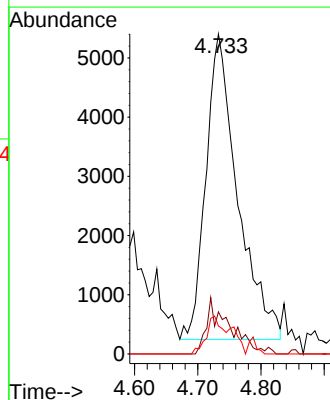
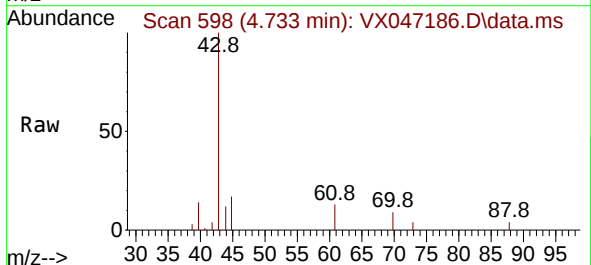
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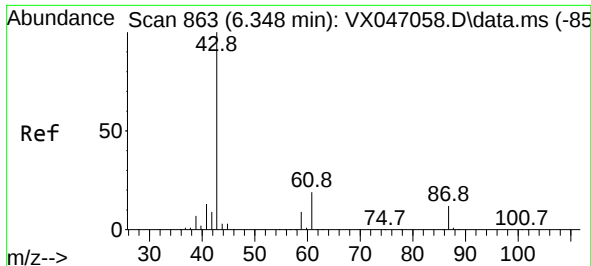
Tgt Ion:113 Resp: 173716
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.9 14.9 22.3



#37
Ethyl Acetate
Concen: 3.591 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

Tgt Ion: 43 Resp: 17972
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.2
70 6.4 8.1 12.1#

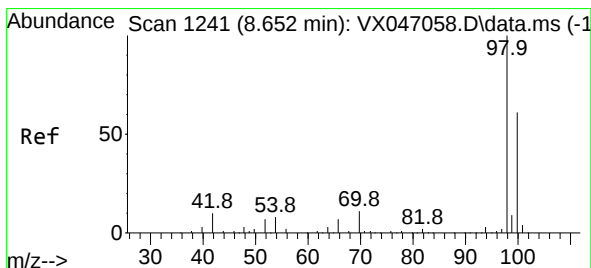
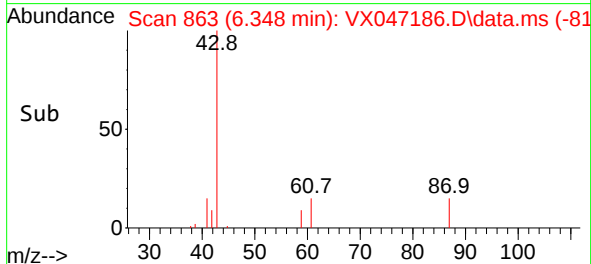
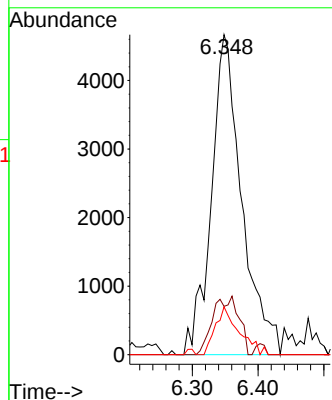
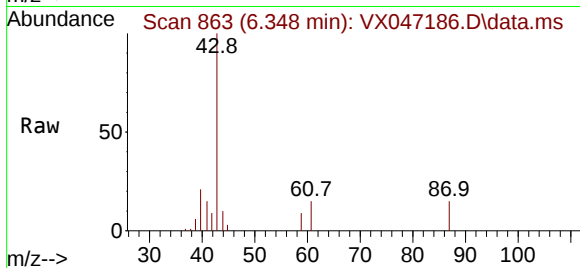




#43
Isopropyl Acetate
Concen: 1.925 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

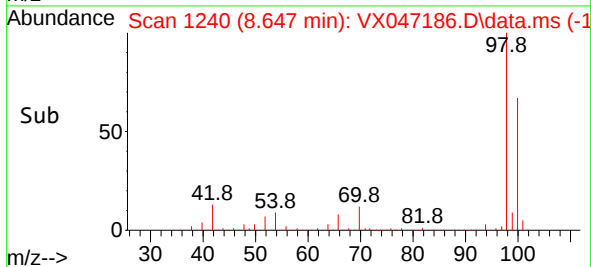
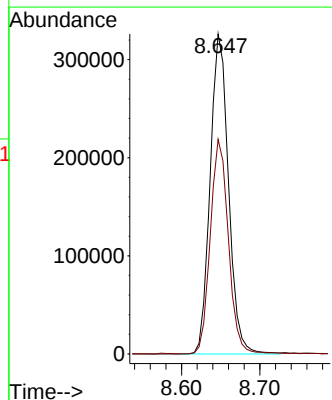
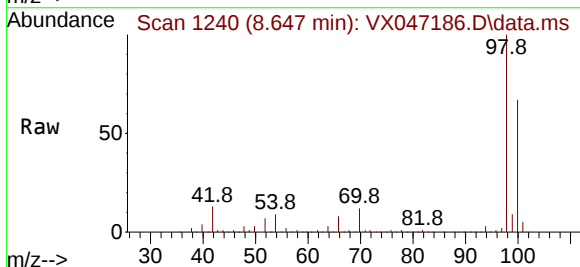
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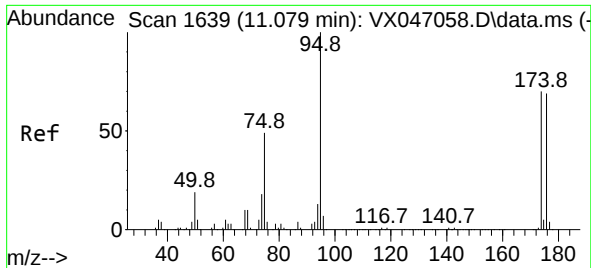
Tgt Ion:	43	Resp:	15024
Ion	Ratio	Lower	Upper
43	100		
61	15.6	15.1	22.7
87	11.6	9.7	14.5



#50
Toluene-d8
Concen: 51.348 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

Tgt Ion:	98	Resp:	529897
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9

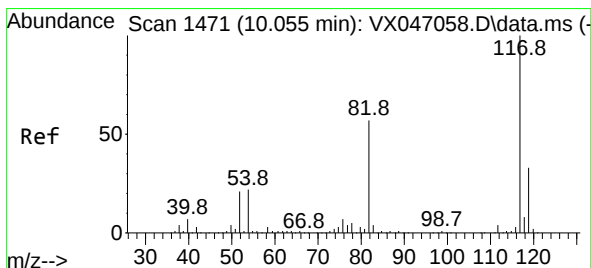
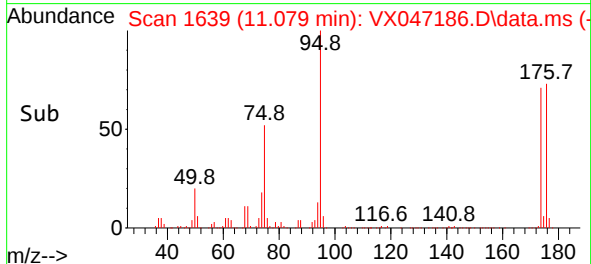
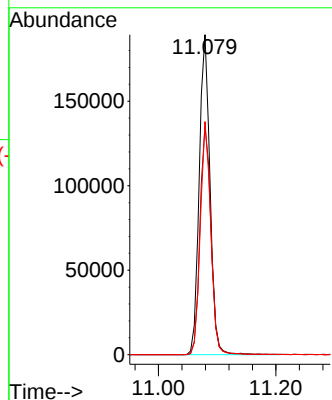
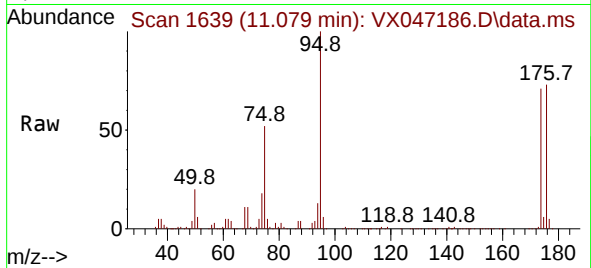




#62
4-Bromofluorobenzene
Concen: 54.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

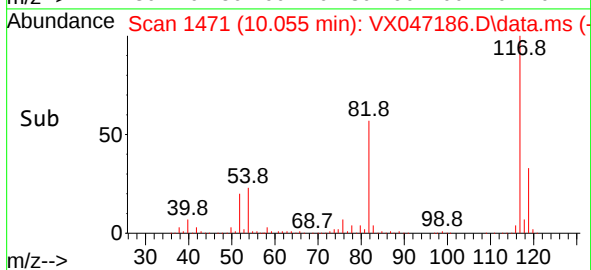
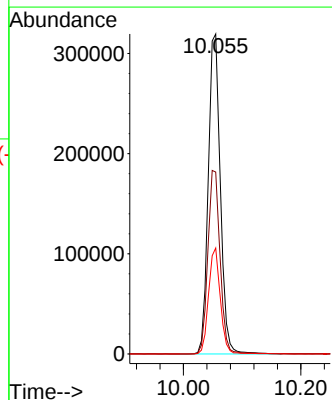
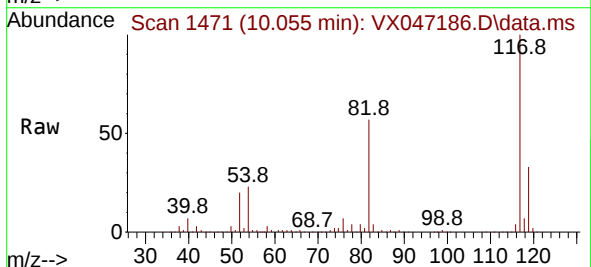
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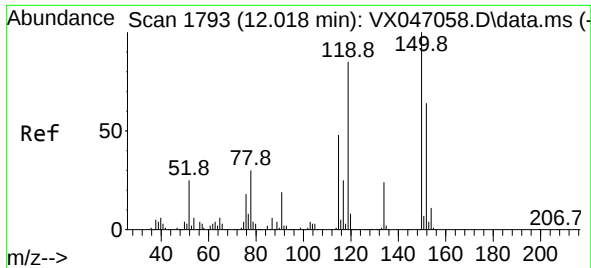
Tgt Ion: 95 Resp: 240626
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 70.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047186.D
Acq: 30 Jul 2025 15:00

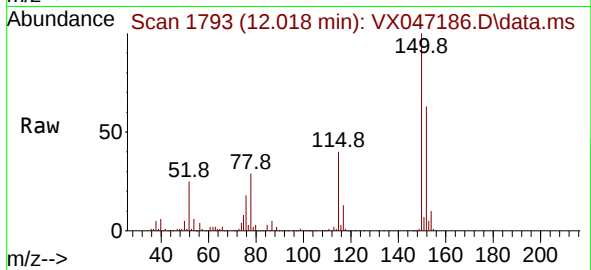
Tgt Ion: 117 Resp: 457505
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 33.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047186.D
 Acq: 30 Jul 2025 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 7211935-295



Tgt Ion:152 Resp: 230741
 Ion Ratio Lower Upper
 152 100
 115 62.6 45.6 136.7
 150 157.5 0.0 354.6

