

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047443.D
 Acq On : 20 Aug 2025 15:25
 Operator : JC/MD
 Sample : Q2900-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MN-9C-081825

Quant Time: Aug 21 01:33:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

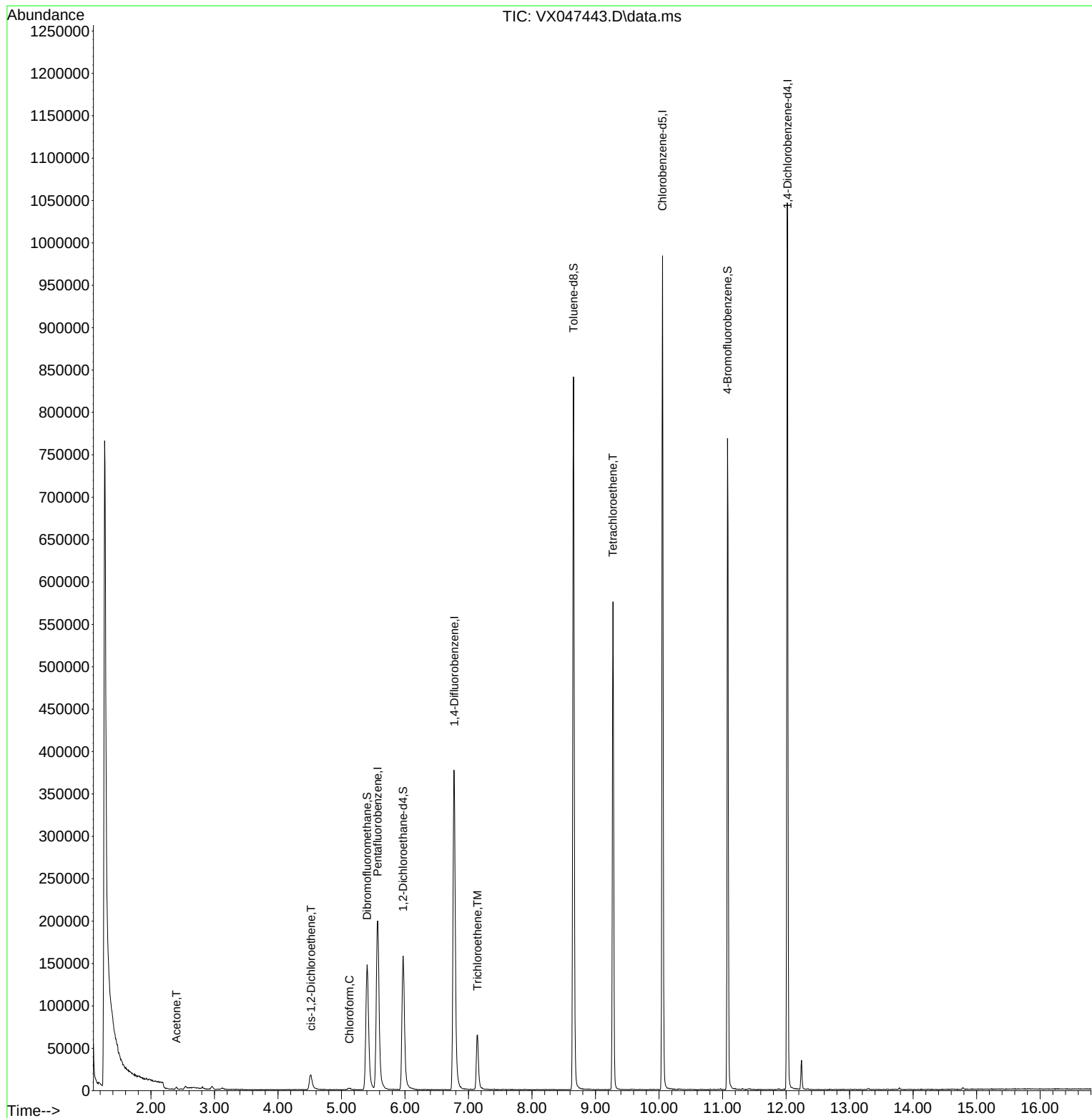
Internal Standards						
1) Pentafluorobenzene	5.568	168	203680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	413174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	168768	59.205	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.420%#	
35) Dibromofluoromethane	5.403	113	138137	51.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	8.653	98	493451	51.484	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	11.079	95	207472	58.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3116	2.908	ug/l	94
27) cis-1,2-Dichloroethene	4.519	96	12398	3.911	ug/l	98
30) Chloroform	5.123	83	2262	0.445	ug/l	84
44) Trichloroethene	7.141	130	27675	8.530	ug/l	97
64) Tetrachloroethene	9.275	164	105877	35.513	ug/l	97

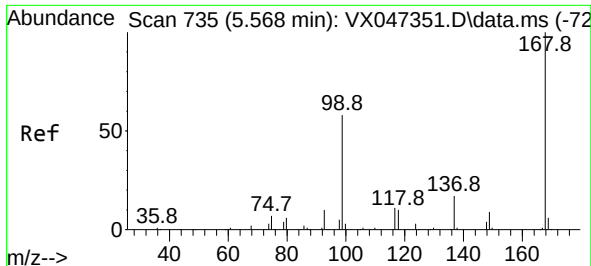
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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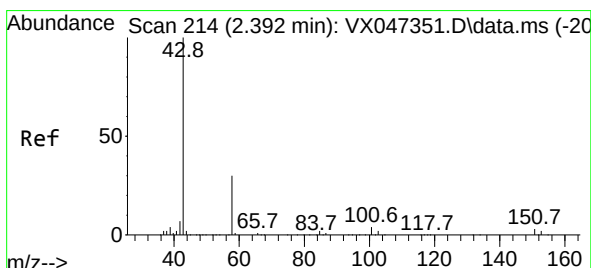
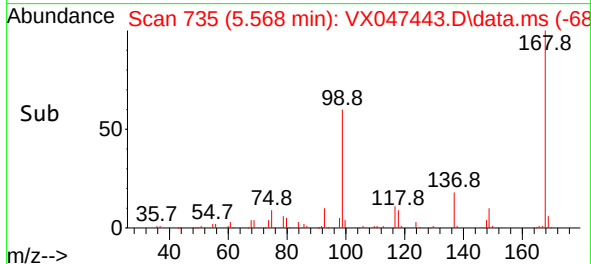
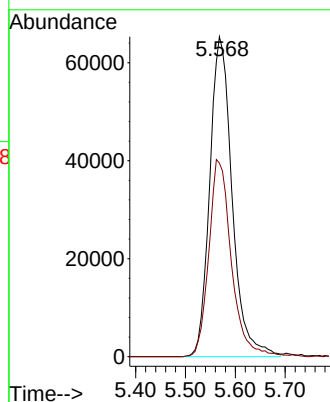
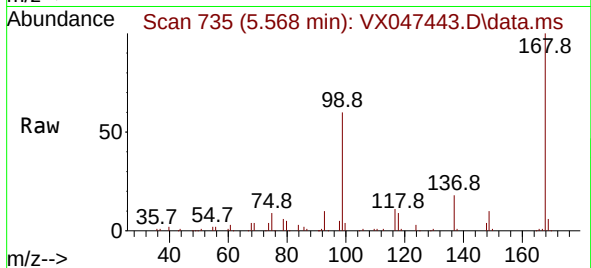




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

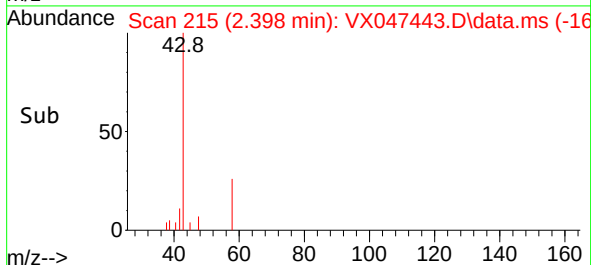
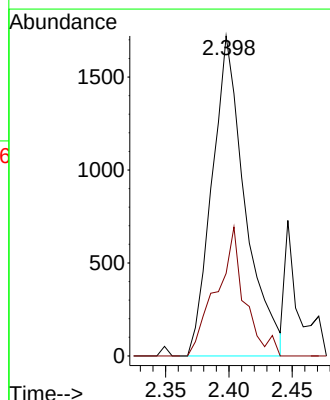
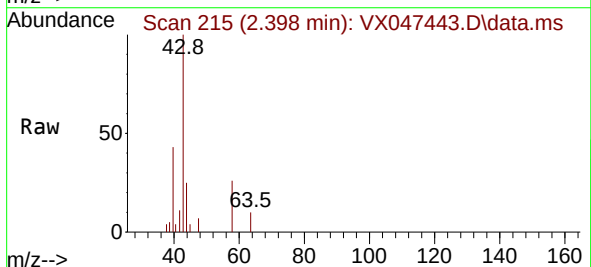
Instrument :
MSVOA_X
ClientSampleId :
MN-9C-081825

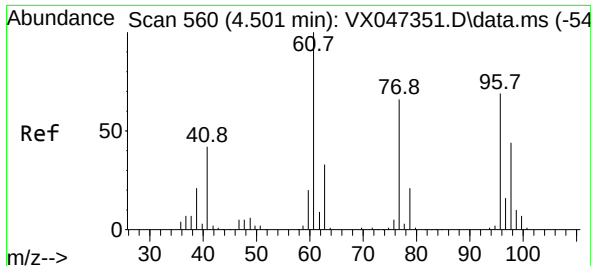
Tgt Ion:168 Resp: 203680
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 2.908 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
58 27.8 24.8 37.2





#27

cis-1,2-Dichloroethene

Concen: 3.911 ug/l

RT: 4.519 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX047443.D

Acq: 20 Aug 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

MN-9C-081825

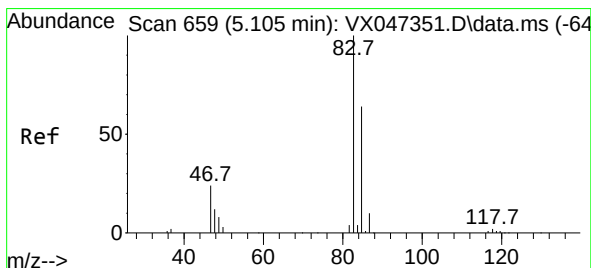
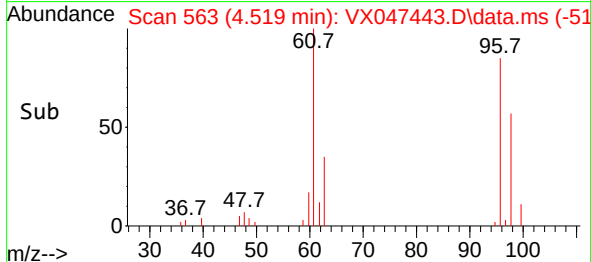
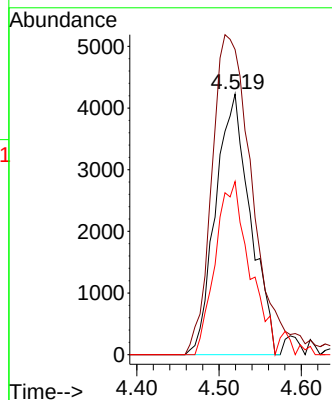
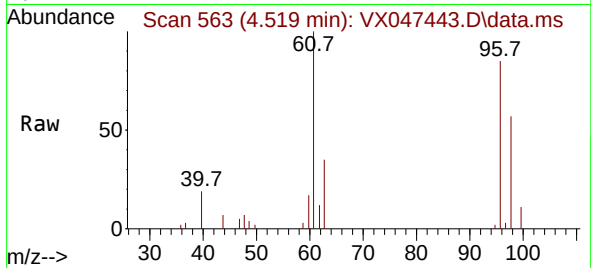
Tgt Ion: 96 Resp: 12398

Ion Ratio Lower Upper

96 100

61 145.1 0.0 296.6

98 65.4 0.0 130.4



#30

Chloroform

Concen: 0.445 ug/l

RT: 5.123 min Scan# 662

Delta R.T. 0.018 min

Lab File: VX047443.D

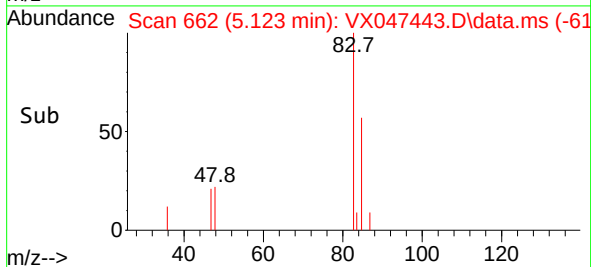
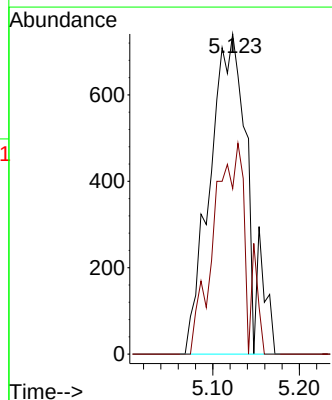
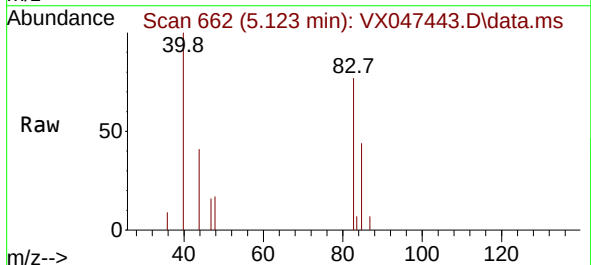
Acq: 20 Aug 2025 15:25

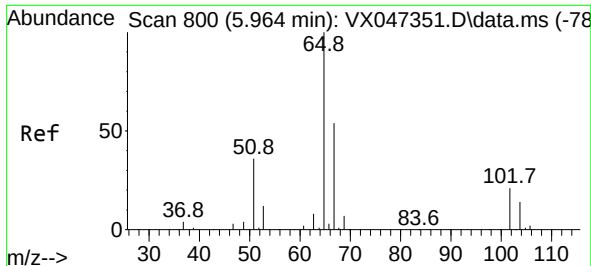
Tgt Ion: 83 Resp: 2262

Ion Ratio Lower Upper

83 100

85 51.7 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 59.205 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047443.D

Acq: 20 Aug 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

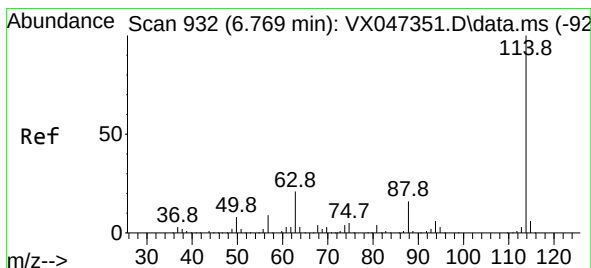
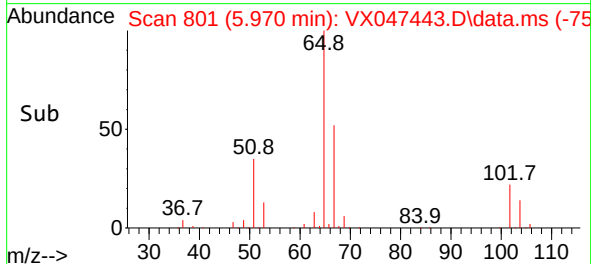
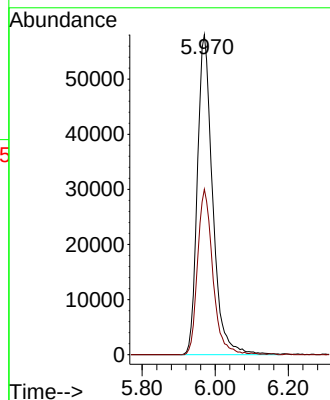
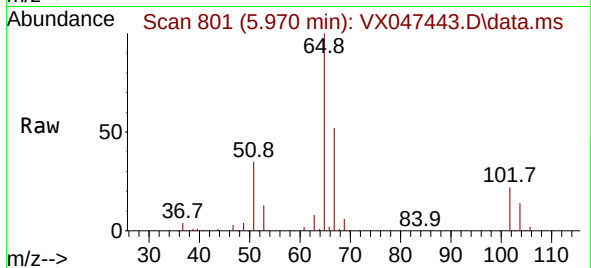
MN-9C-081825

Tgt Ion: 65 Resp: 168768

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX047443.D

Acq: 20 Aug 2025 15:25

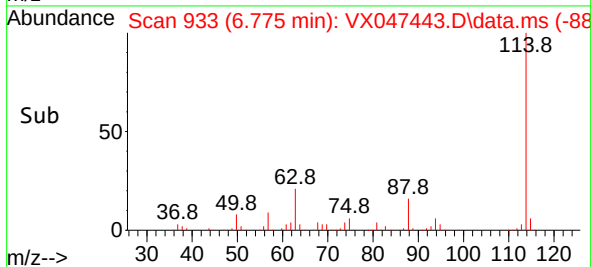
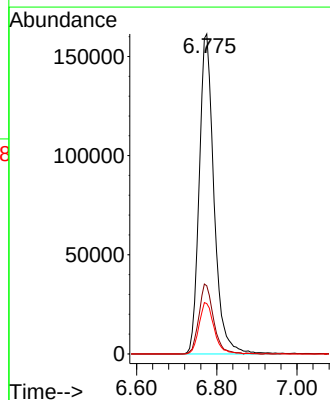
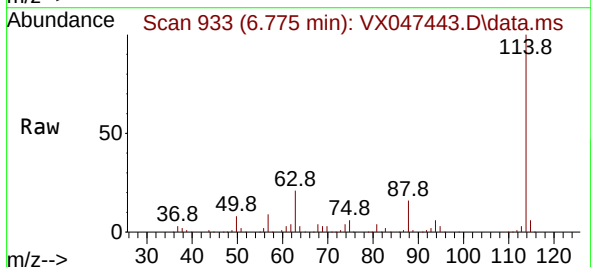
Tgt Ion: 114 Resp: 413174

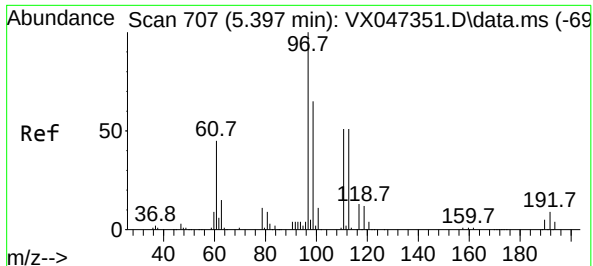
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.8 0.0 33.0

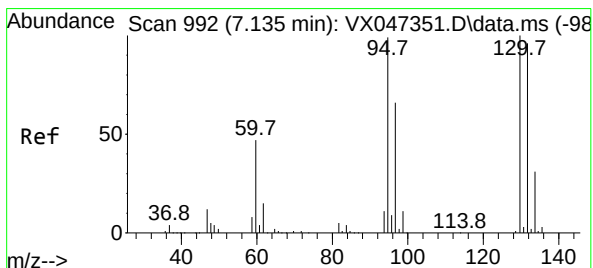
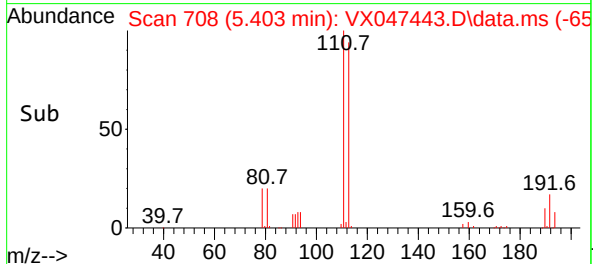
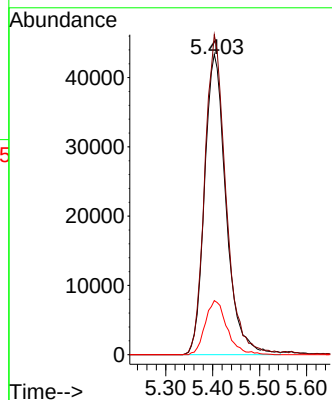
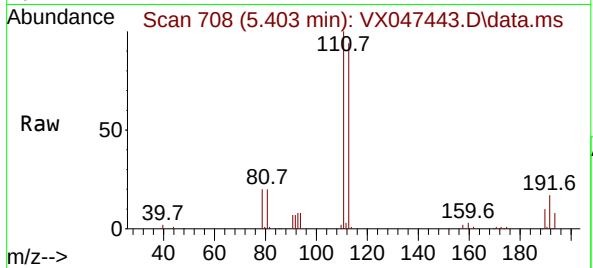




#35
Dibromofluoromethane
Concen: 51.514 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

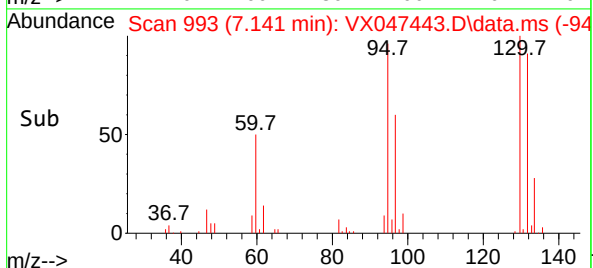
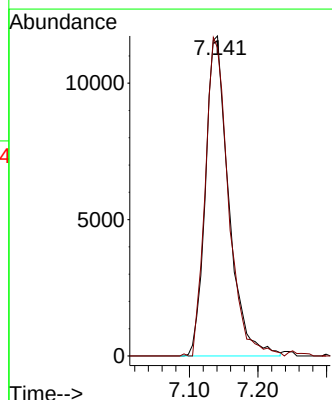
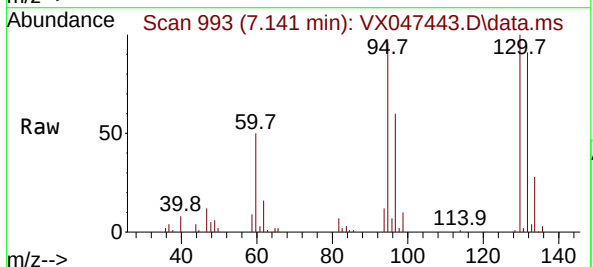
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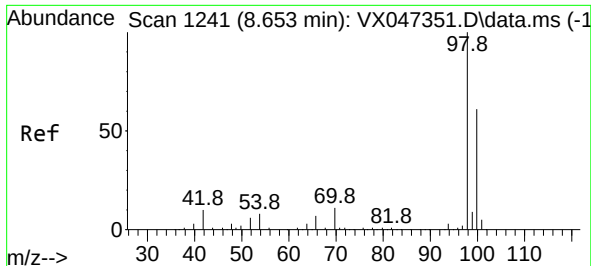
Tgt Ion:113 Resp: 138137
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.2
192 18.4 14.1 21.1



#44
Trichloroethene
Concen: 8.530 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

Tgt Ion:130 Resp: 27675
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.6

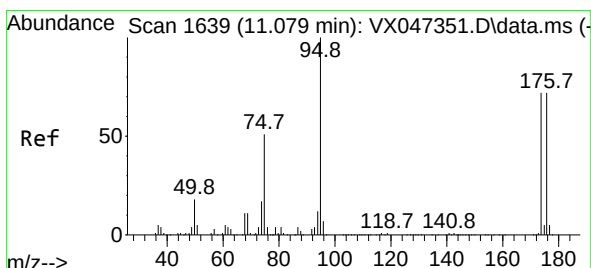
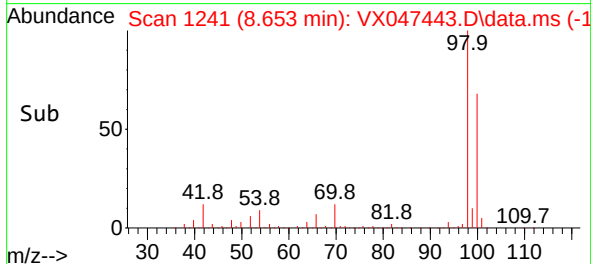
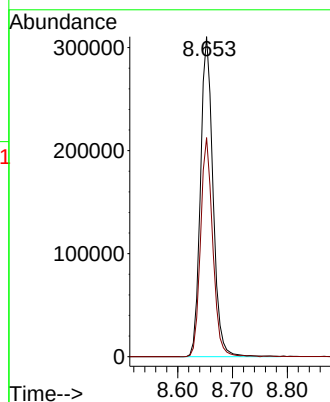
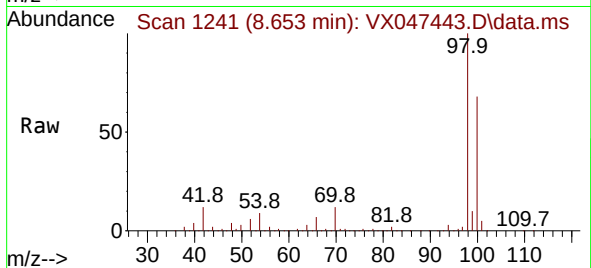




#50
Toluene-d8
Concen: 51.484 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

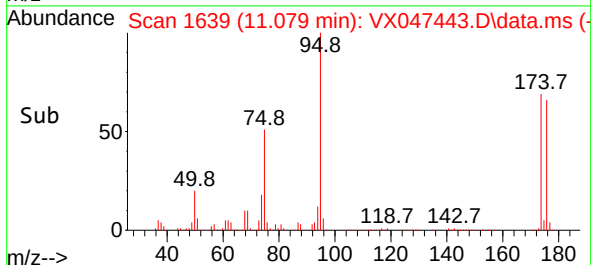
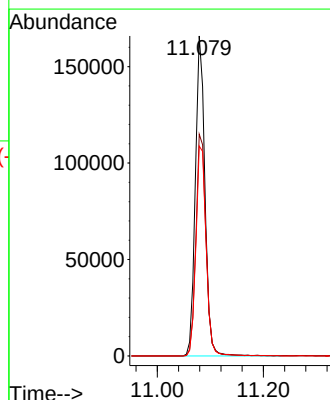
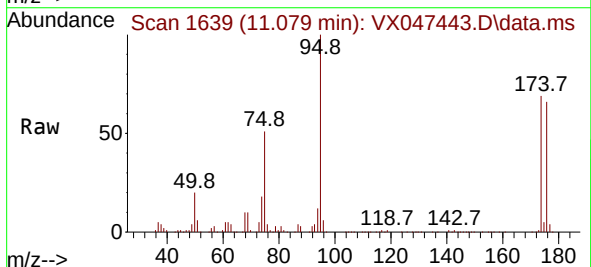
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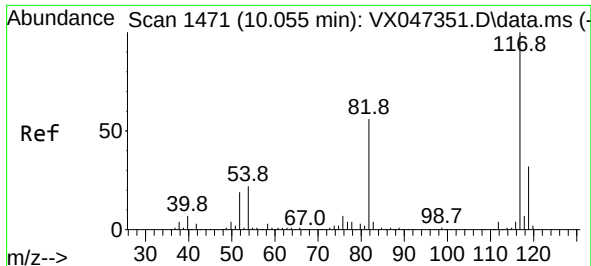
Tgt Ion: 98 Resp: 493451
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

Tgt Ion: 95 Resp: 207472
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 70.0 0.0 145.4

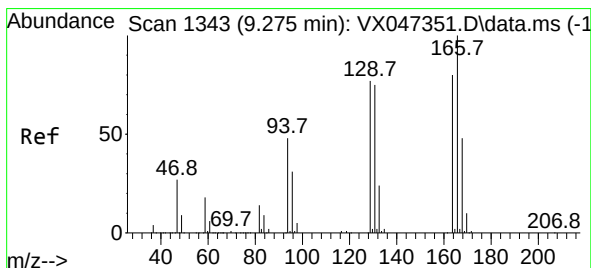
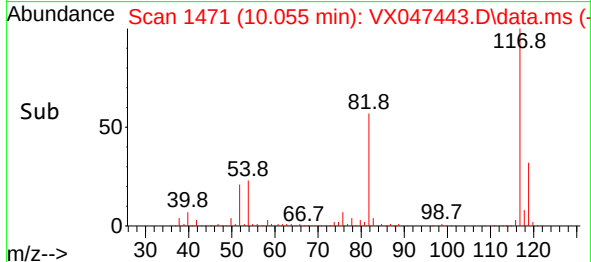
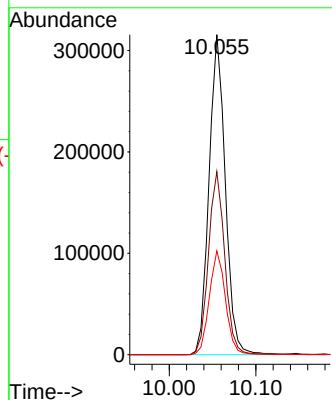
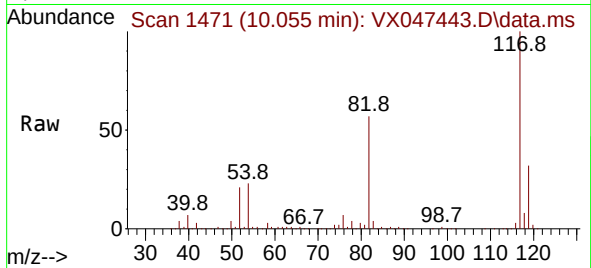




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

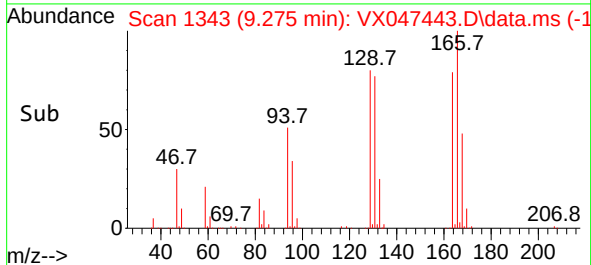
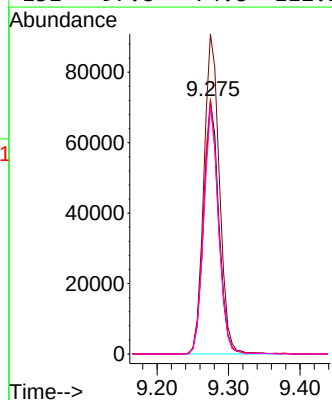
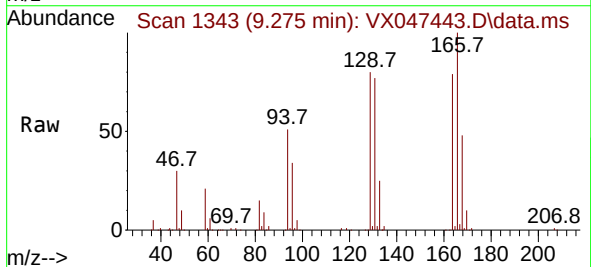
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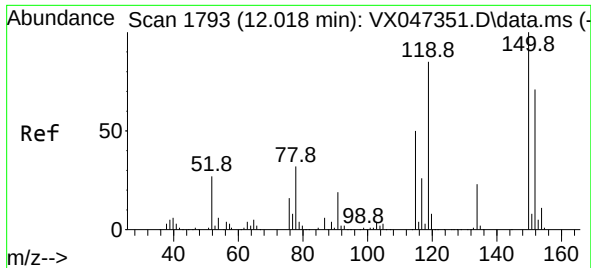
Tgt Ion:117 Resp: 412185
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 35.513 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047443.D
Acq: 20 Aug 2025 15:25

Tgt Ion:164 Resp: 105877
Ion Ratio Lower Upper
164 100
166 126.6 100.3 150.5
129 101.0 77.7 116.5
131 97.8 74.8 112.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047443.D

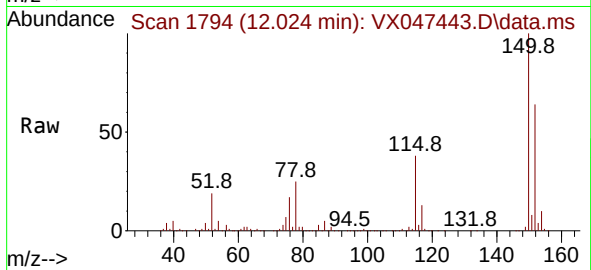
Acq: 20 Aug 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

MN-9C-081825



Tgt Ion:152 Resp: 214243

Ion Ratio Lower Upper

152 100

115 61.9 44.6 133.8

150 159.3 0.0 349.8

