

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046138.D
 Acq On : 12 May 2025 15:09
 Operator : JC/MD
 Sample : Q1983-48
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-08

Quant Time: May 13 03:19:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

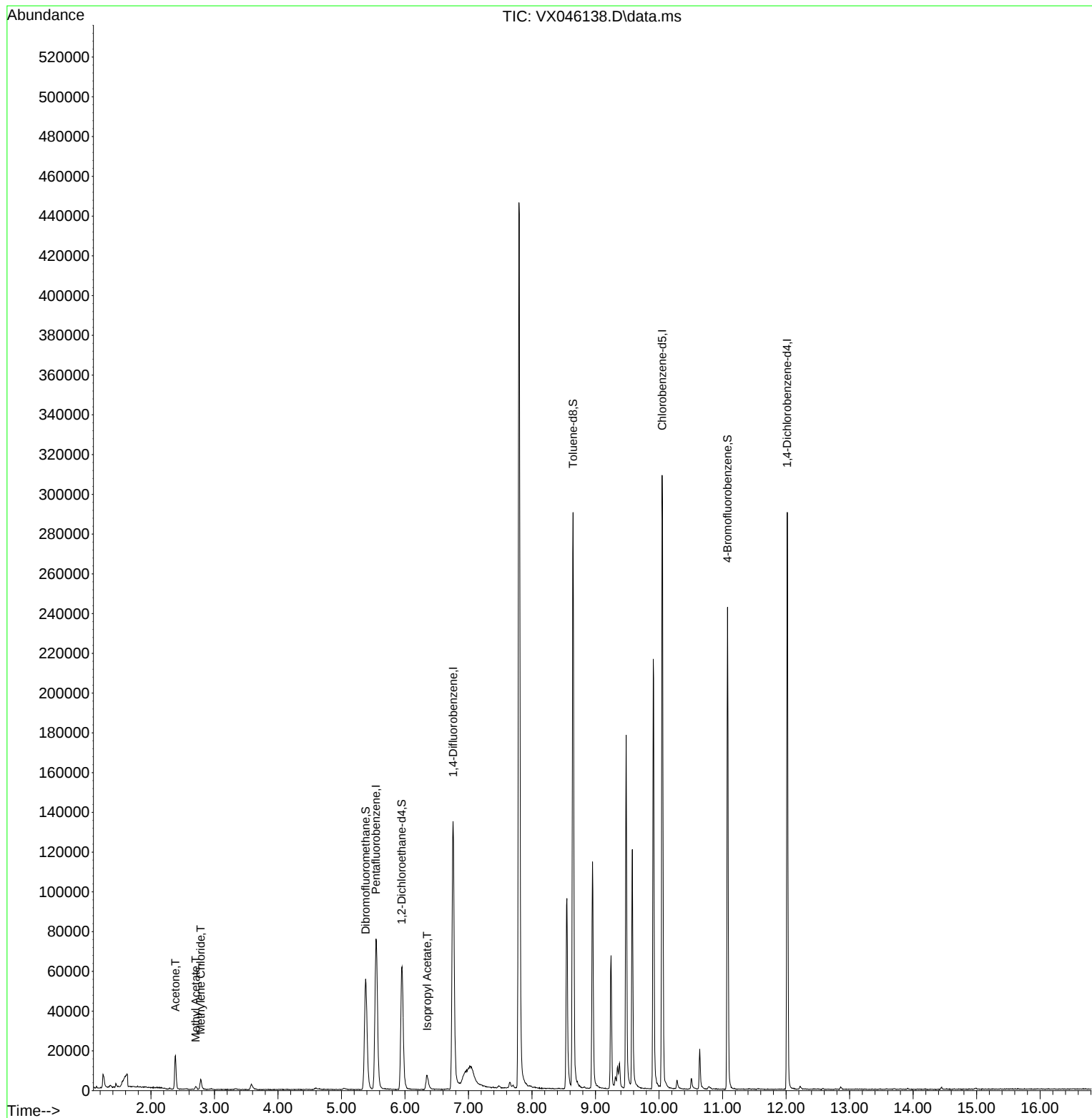
Internal Standards						
1) Pentafluorobenzene	5.544	168	64746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64477	53.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.840%
35) Dibromofluoromethane	5.379	113	47370	49.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	8.647	98	166489	50.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	63756	50.657	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.320%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18667	38.570	ug/l	99
18) Methyl Acetate	2.703	43	2113	1.881	ug/l	96
20) Methylene Chloride	2.782	84	2381	2.567	ug/l	96
43) Isopropyl Acetate	6.348	43	10758	4.481	ug/l	98

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

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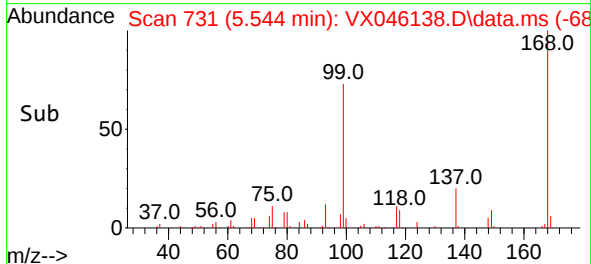
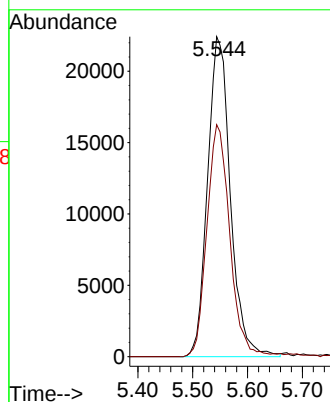
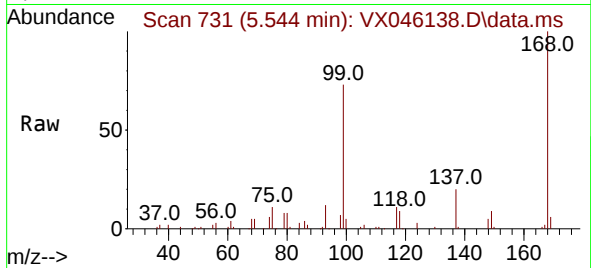




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

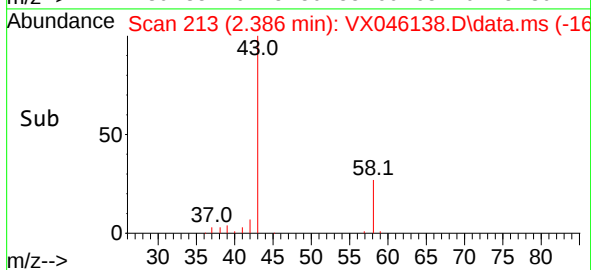
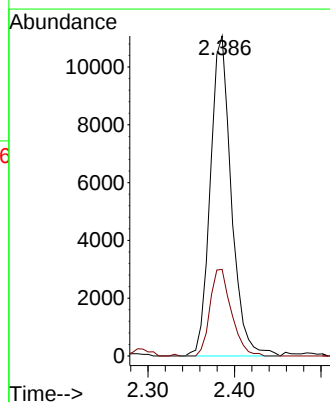
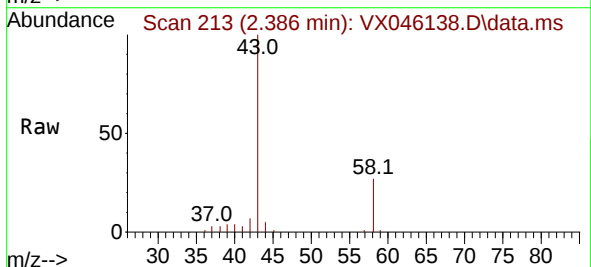
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-08

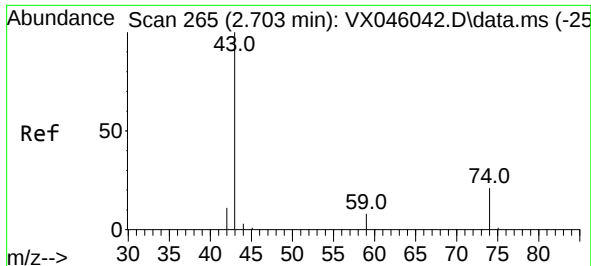
Tgt Ion:168 Resp: 64746
Ion Ratio Lower Upper
168 100
99 72.5 54.9 82.3



#16
Acetone
Concen: 38.570 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

Tgt Ion: 43 Resp: 18667
Ion Ratio Lower Upper
43 100
58 27.1 21.2 31.8





#18

Methyl Acetate

Concen: 1.881 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046138.D

Acq: 12 May 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

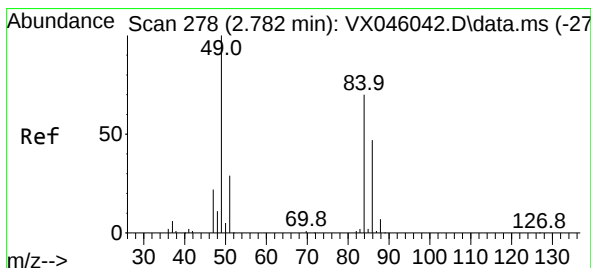
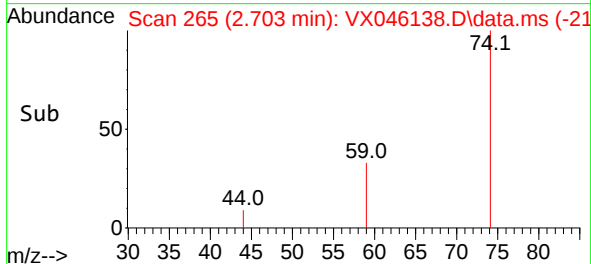
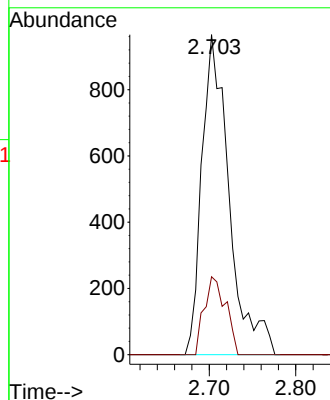
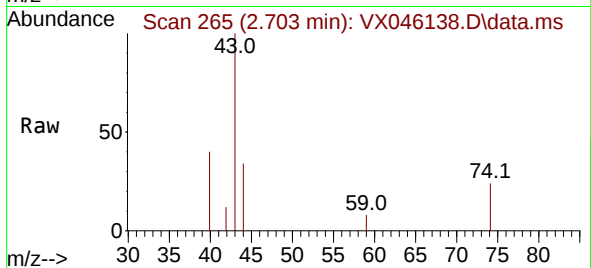
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Tgt Ion: 43 Resp: 2113

Ion Ratio Lower Upper

43 100

74 19.1 16.7 25.1



#20

Methylene Chloride

Concen: 2.567 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046138.D

Acq: 12 May 2025 15:09

Tgt Ion: 84 Resp: 2381

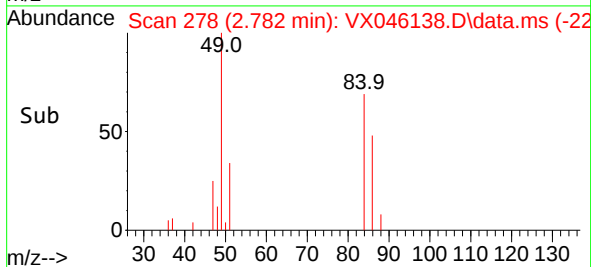
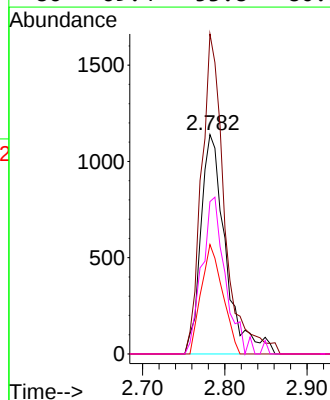
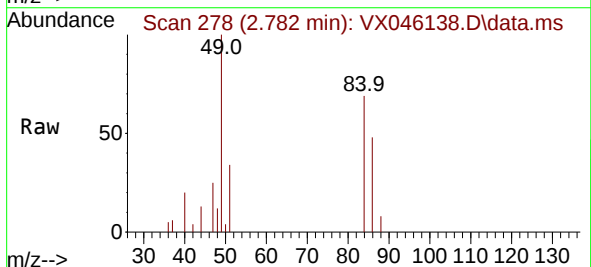
Ion Ratio Lower Upper

84 100

49 145.9 113.9 170.9

51 49.9 33.5 50.3

86 69.4 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 53.416 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046138.D

Acq: 12 May 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

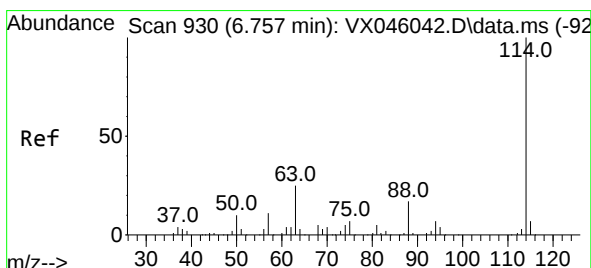
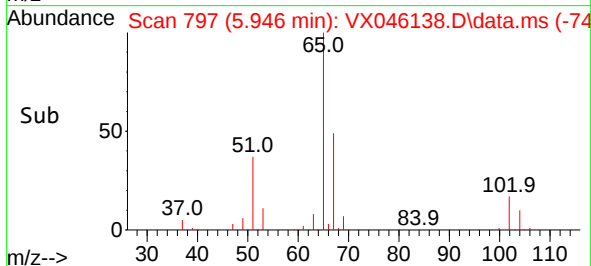
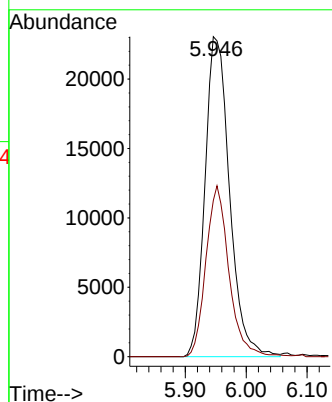
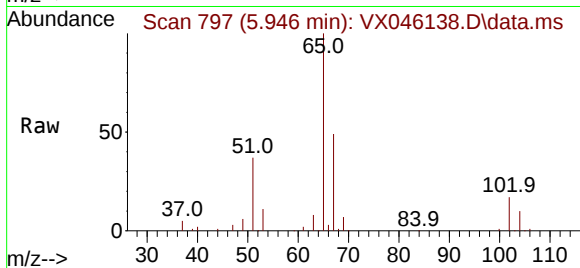
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Tgt Ion: 65 Resp: 64477

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046138.D

Acq: 12 May 2025 15:09

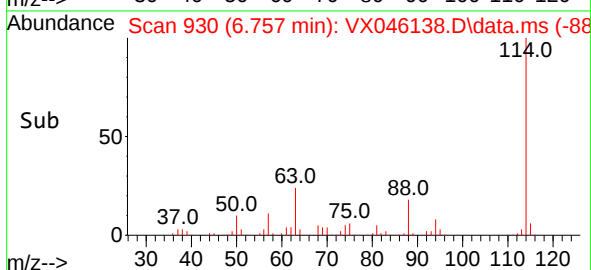
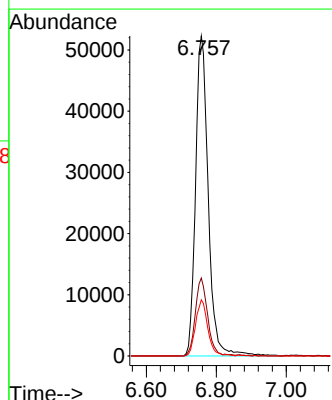
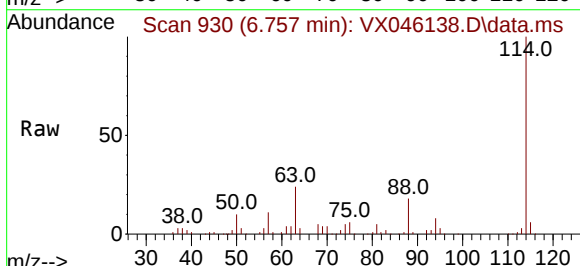
Tgt Ion: 114 Resp: 131644

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.970 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046138.D

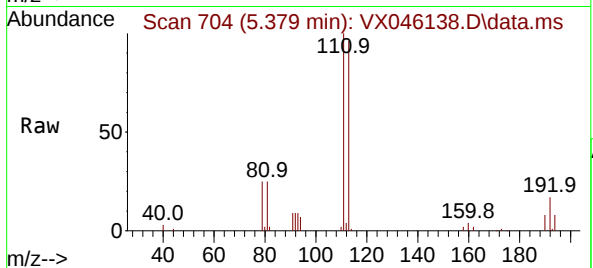
Acq: 12 May 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

OR-636-COMP-08



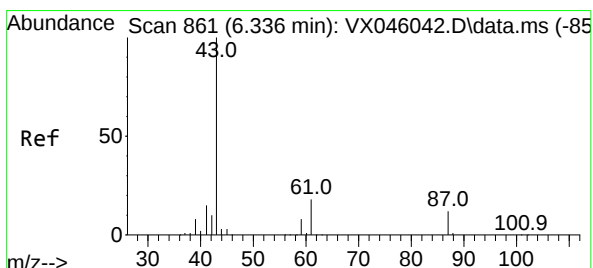
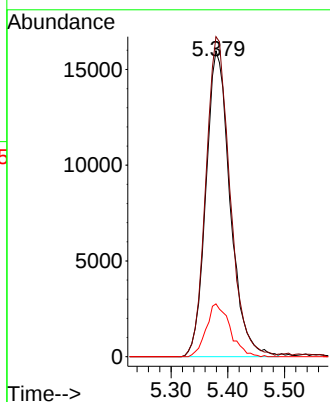
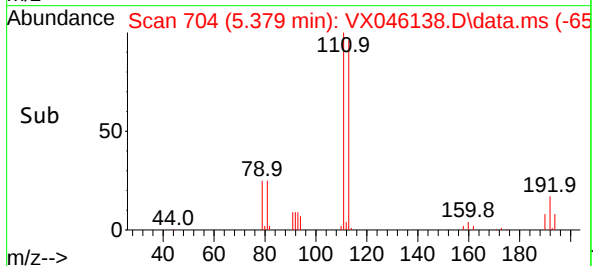
Tgt Ion:113 Resp: 47370

Ion Ratio Lower Upper

113 100

111 104.3 83.1 124.7

192 17.0 13.3 19.9



#43

Isopropyl Acetate

Concen: 4.481 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046138.D

Acq: 12 May 2025 15:09

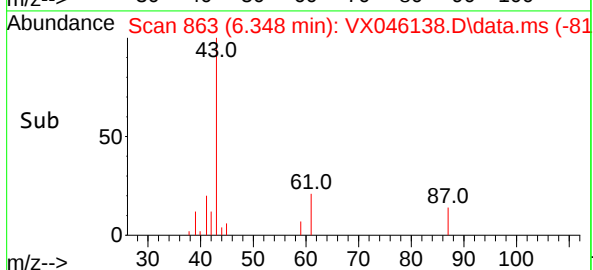
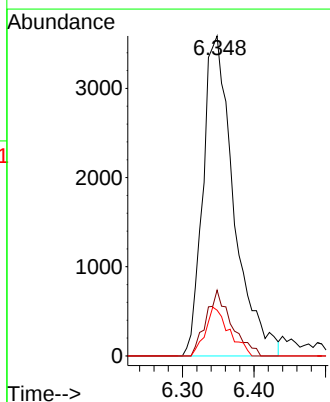
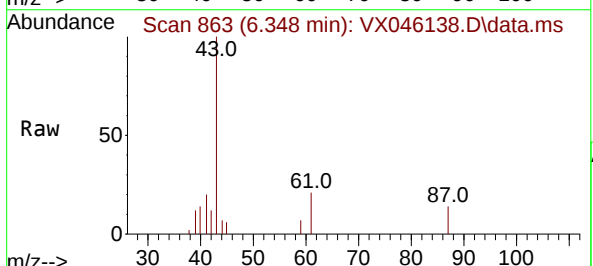
Tgt Ion: 43 Resp: 10758

Ion Ratio Lower Upper

43 100

61 16.9 14.3 21.5

87 11.7 9.5 14.3

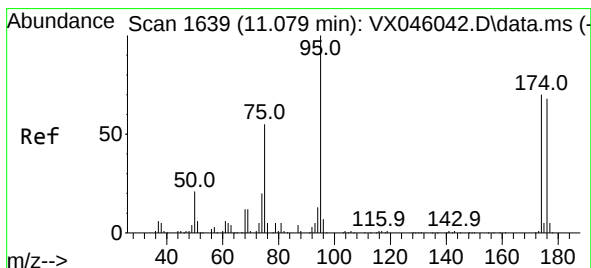
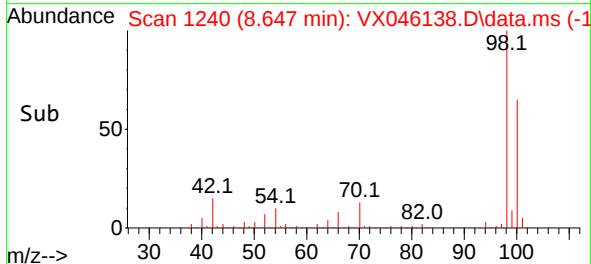
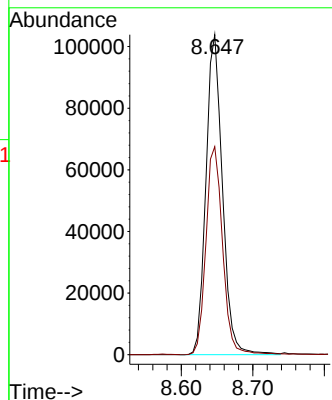
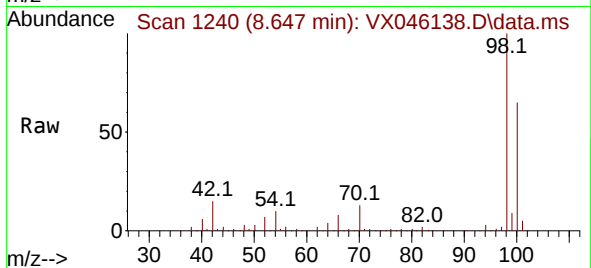




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

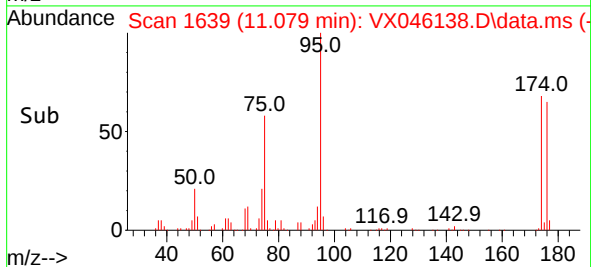
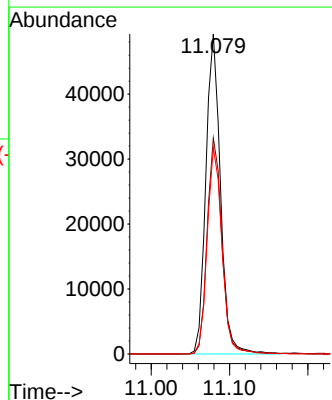
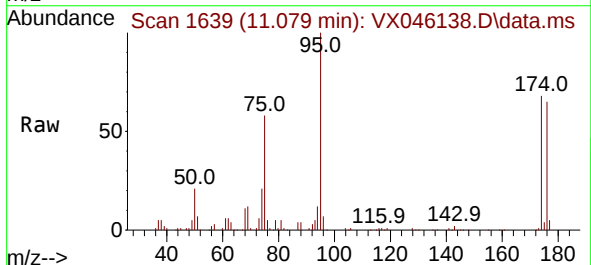
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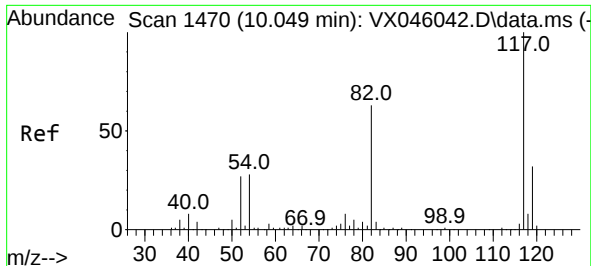
Tgt Ion: 98 Resp: 166489
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

Tgt Ion: 95 Resp: 63756
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.0 0.0 131.4

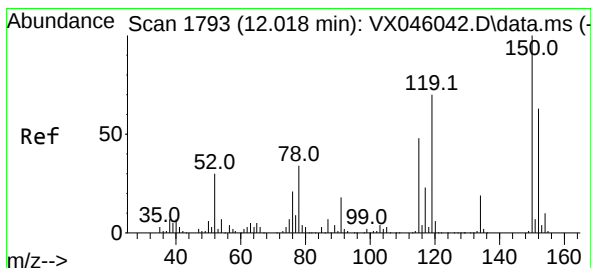
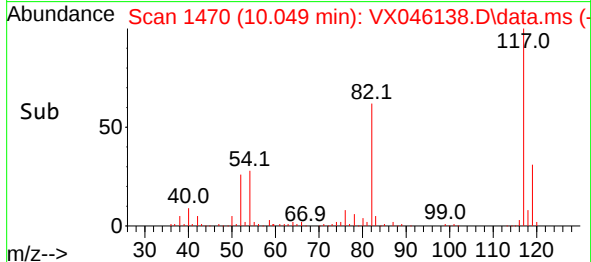
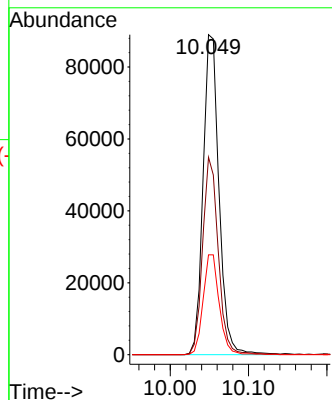
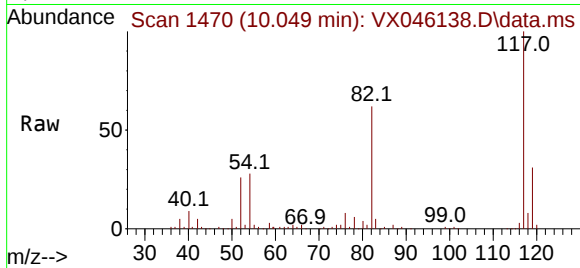




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-08

Tgt Ion:117 Resp: 125667
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046138.D
Acq: 12 May 2025 15:09

Tgt Ion:152 Resp: 52962
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 155.9 0.0 351.0

