

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046136.D
 Acq On : 12 May 2025 14:22
 Operator : JC/MD
 Sample : Q1983-36
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-06

Quant Time: May 13 03:18:30 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)

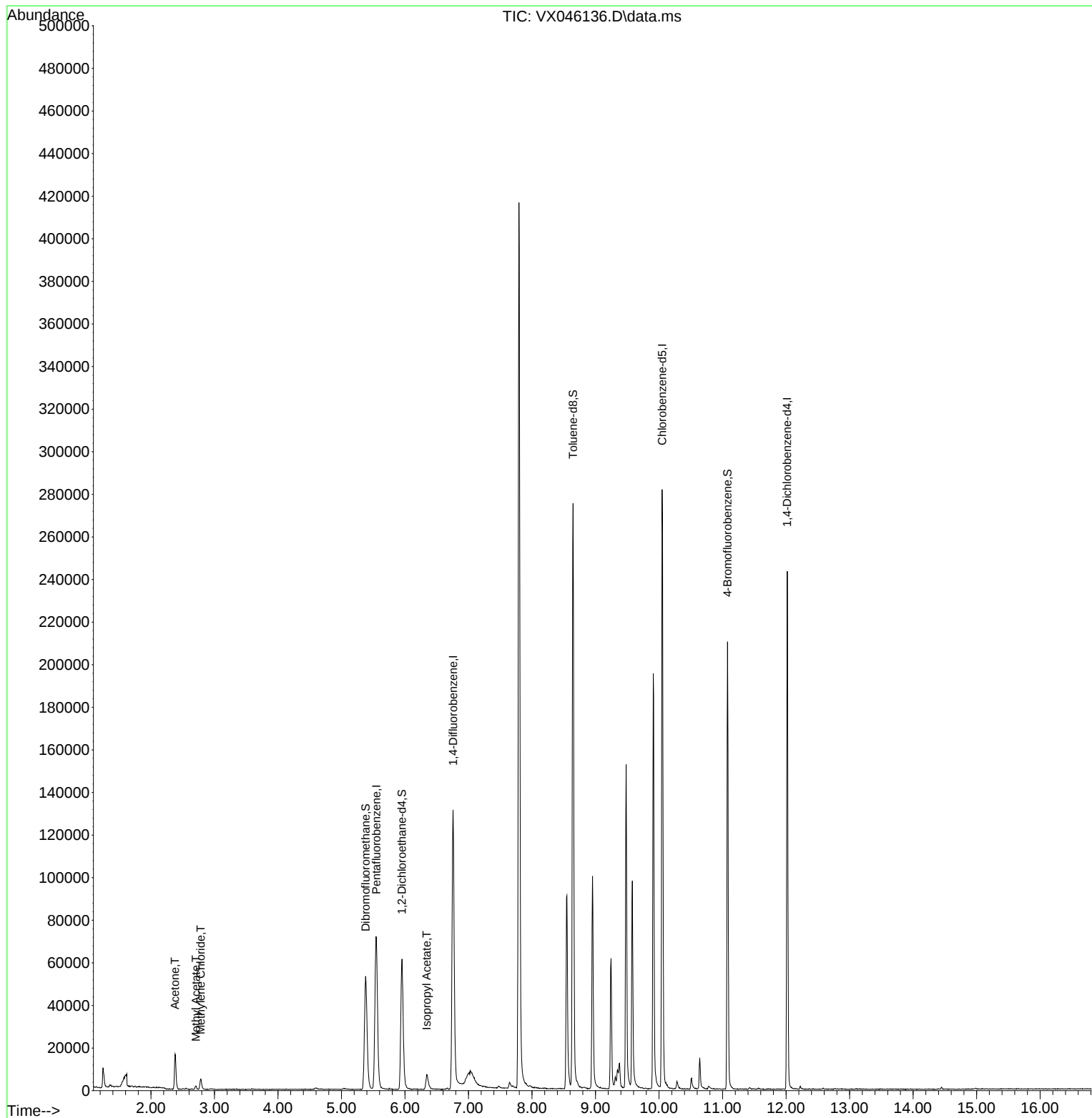
Internal Standards						
1) Pentafluorobenzene	5.550	168	62445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62464	53.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.320%
35) Dibromofluoromethane	5.379	113	45461	50.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	8.647	98	157493	50.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.720%
62) 4-Bromofluorobenzene	11.079	95	56852	47.858	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.720%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	18395	39.408	ug/l	99
18) Methyl Acetate	2.709	43	2128	1.965	ug/l	91
20) Methylene Chloride	2.782	84	2337	2.613	ug/l	92
43) Isopropyl Acetate	6.342	43	10656	4.703	ug/l	99

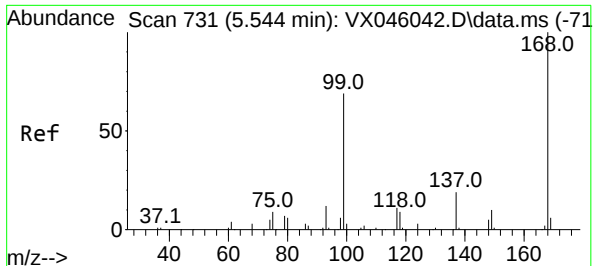
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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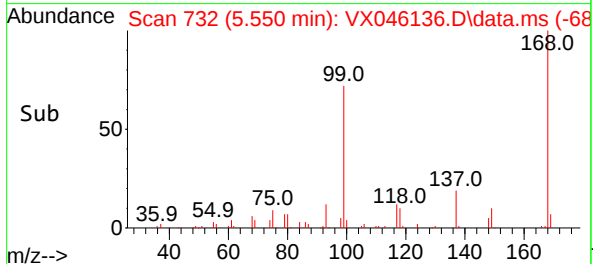
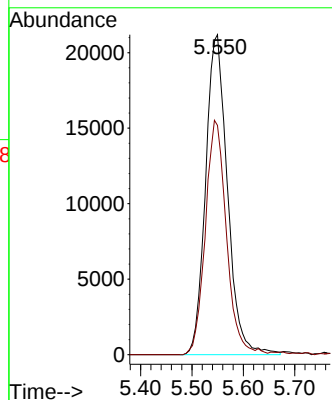
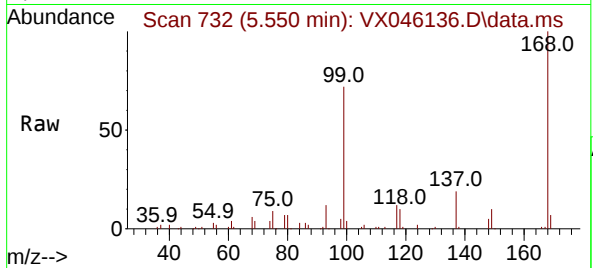




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

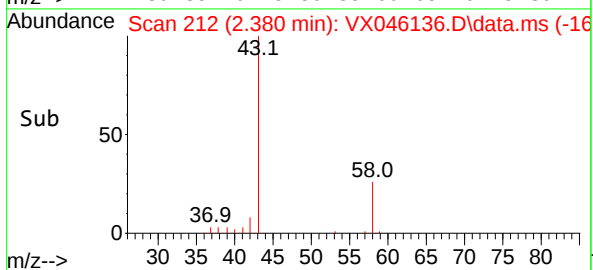
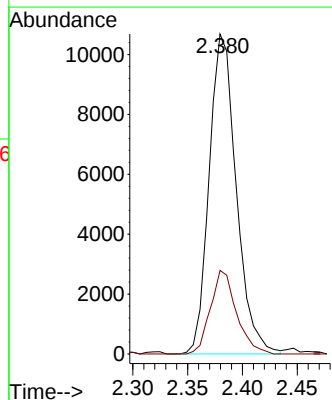
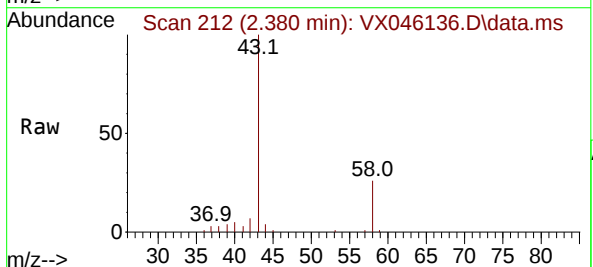
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-06

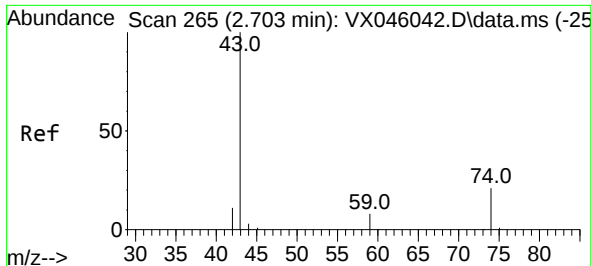
Tgt Ion:168 Resp: 62445
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3



#16
Acetone
Concen: 39.408 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

Tgt Ion: 43 Resp: 18395
Ion Ratio Lower Upper
43 100
58 26.1 21.2 31.8





#18

Methyl Acetate

Concen: 1.965 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX046136.D

Acq: 12 May 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

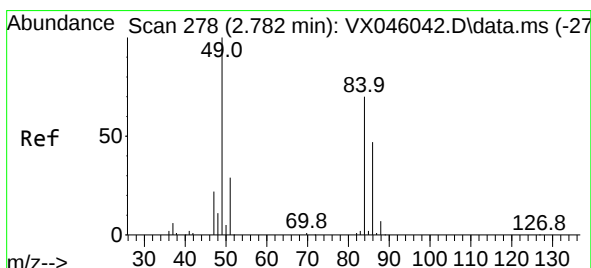
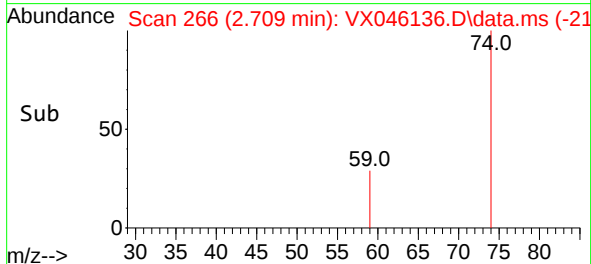
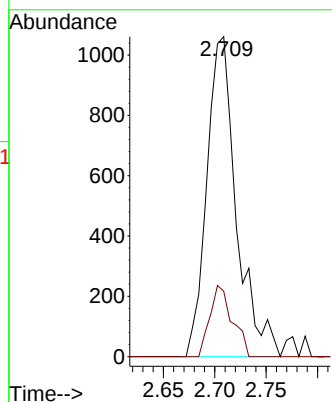
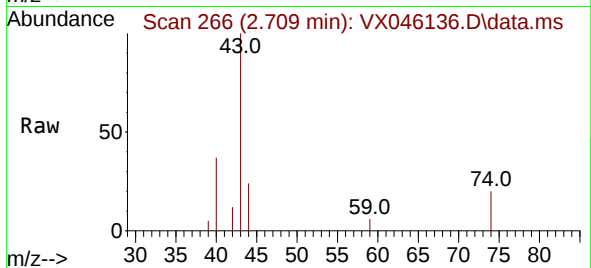
OR-636-COMP-06

Tgt Ion: 43 Resp: 2128

Ion Ratio Lower Upper

43 100

74 16.9 16.7 25.1



#20

Methylene Chloride

Concen: 2.613 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046136.D

Acq: 12 May 2025 14:22

Tgt Ion: 84 Resp: 2337

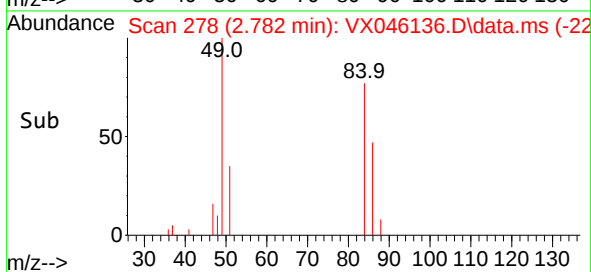
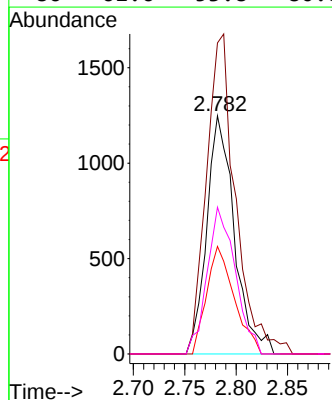
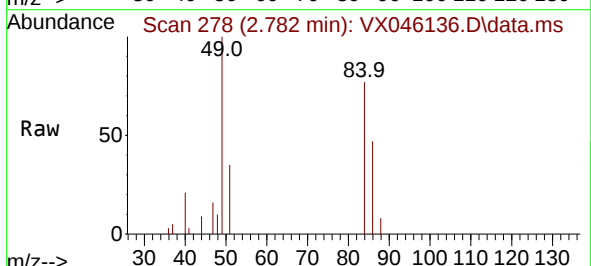
Ion Ratio Lower Upper

84 100

49 130.6 113.9 170.9

51 45.2 33.5 50.3

86 61.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 53.655 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046136.D

Acq: 12 May 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

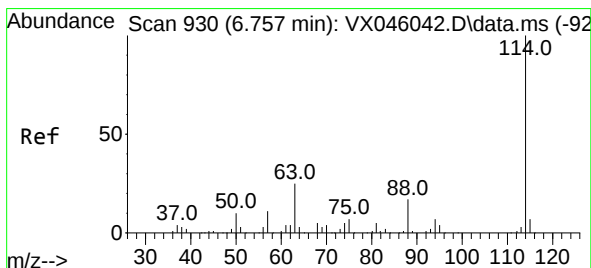
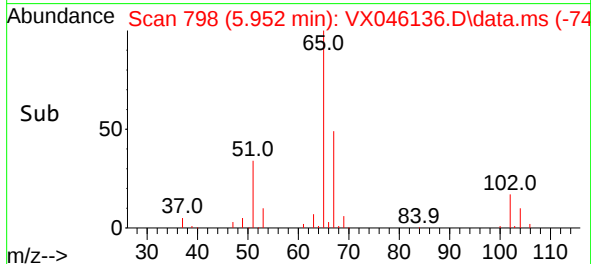
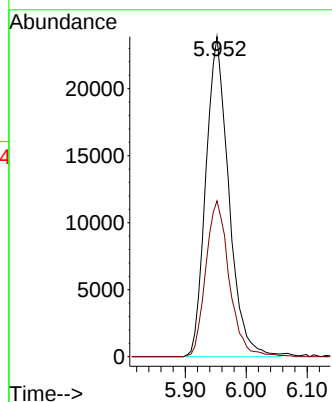
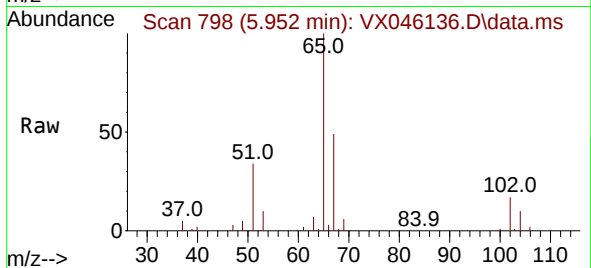
OR-636-COMP-06

Tgt Ion: 65 Resp: 62464

Ion Ratio Lower Upper

65 100

67 49.9 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: VX046136.D

Acq: 12 May 2025 14:22

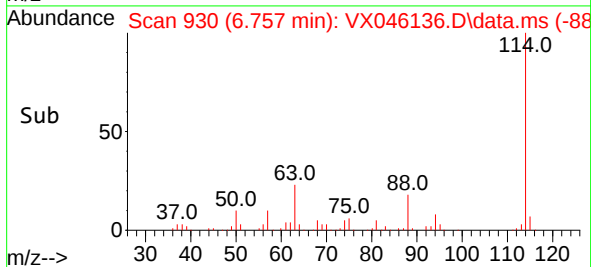
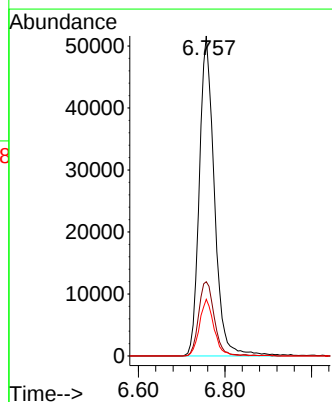
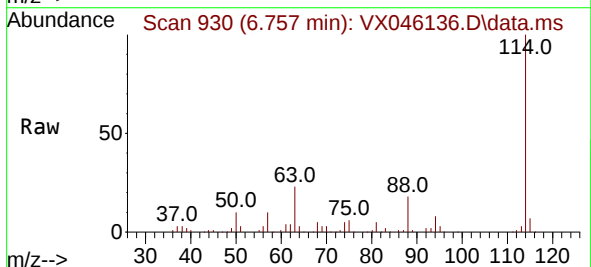
Tgt Ion: 114 Resp: 124254

Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.2

88 17.7 0.0 33.6

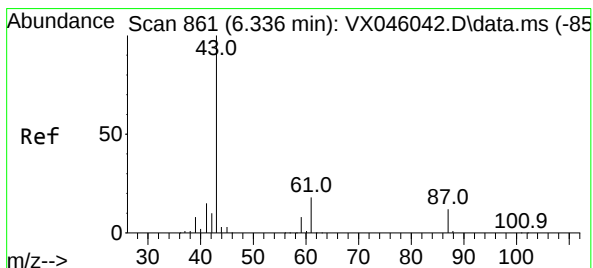
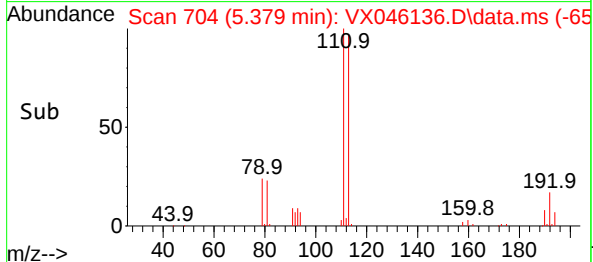
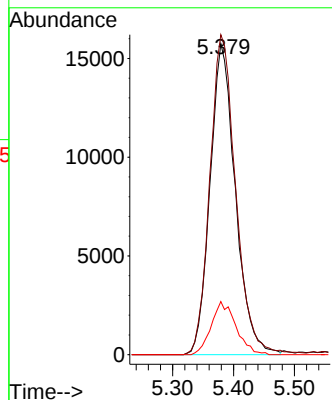
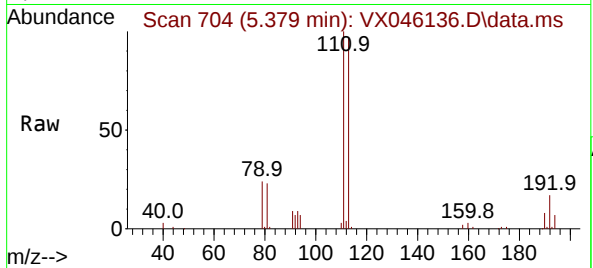




#35
Dibromofluoromethane
Concen: 50.808 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

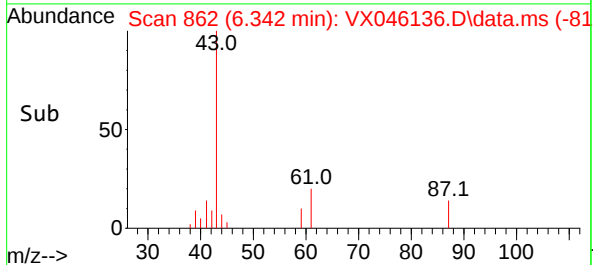
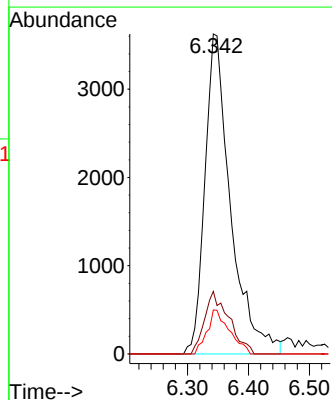
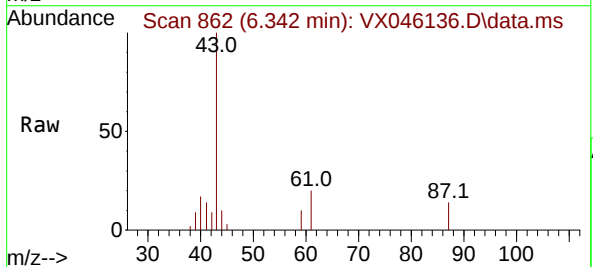
Instrument :
MSVOA_X
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OR-636-COMP-06

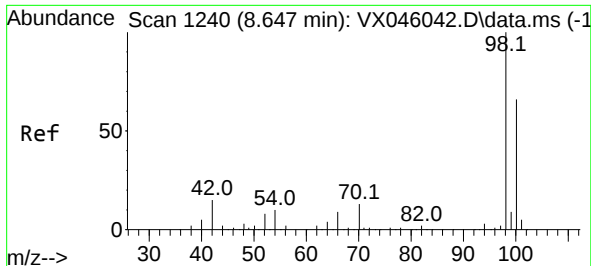
Tgt Ion:113 Resp: 45461
Ion Ratio Lower Upper
113 100
111 105.3 83.1 124.7
192 16.8 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.703 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

Tgt Ion: 43 Resp: 10656
Ion Ratio Lower Upper
43 100
61 18.5 14.3 21.5
87 11.9 9.5 14.3

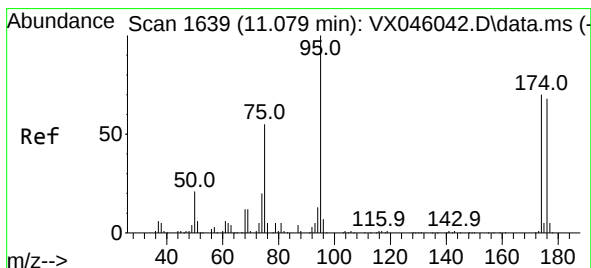
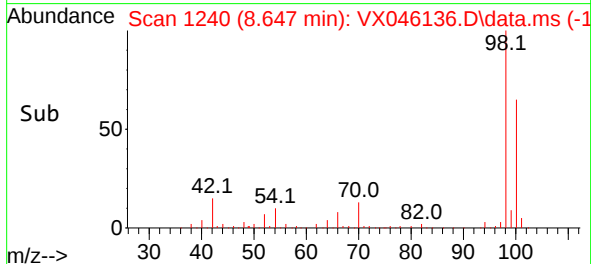
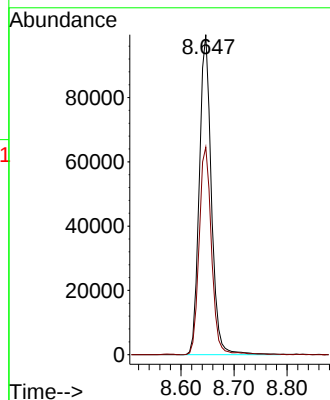
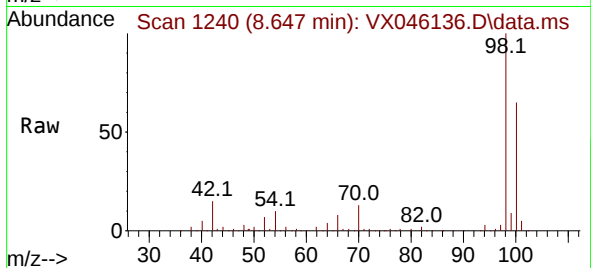




#50
Toluene-d8
Concen: 50.855 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

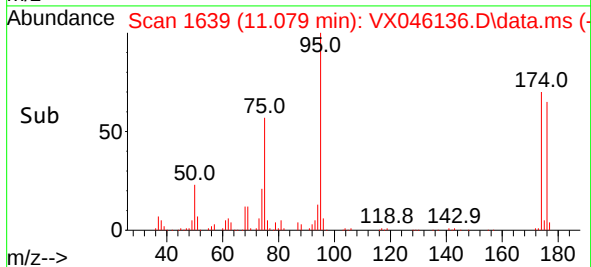
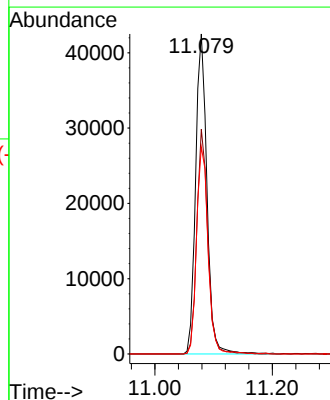
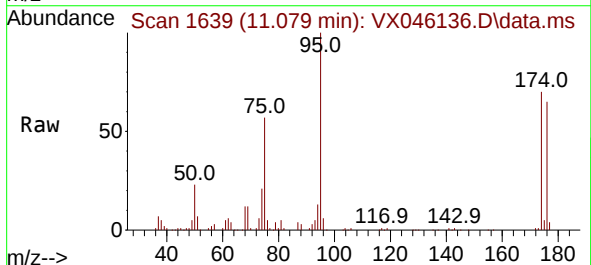
Instrument :
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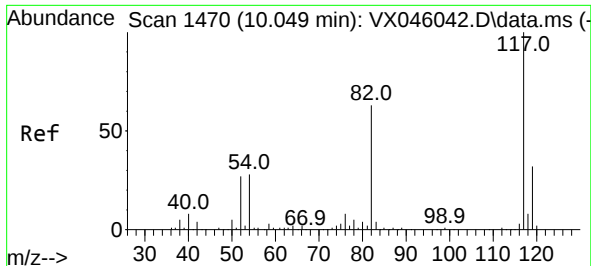
Tgt Ion: 98 Resp: 157493
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 47.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

Tgt Ion: 95 Resp: 56852
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.6 0.0 131.4

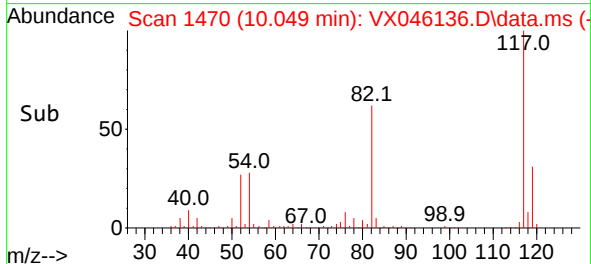
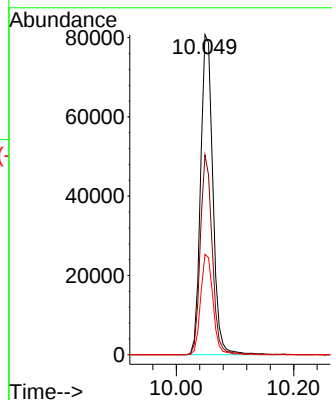
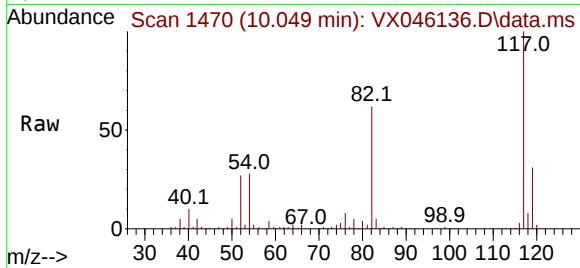




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046136.D
Acq: 12 May 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-06

Tgt Ion:117 Resp: 116765
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 31.4 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: VX046136.D
Acq: 12 May 2025 14:22

Tgt Ion:152 Resp: 44708
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 159.5 0.0 351.0

