

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046139.D
 Acq On : 12 May 2025 15:32
 Operator : JC/MD
 Sample : Q1983-54
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-09

Quant Time: May 13 03:19:39 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)

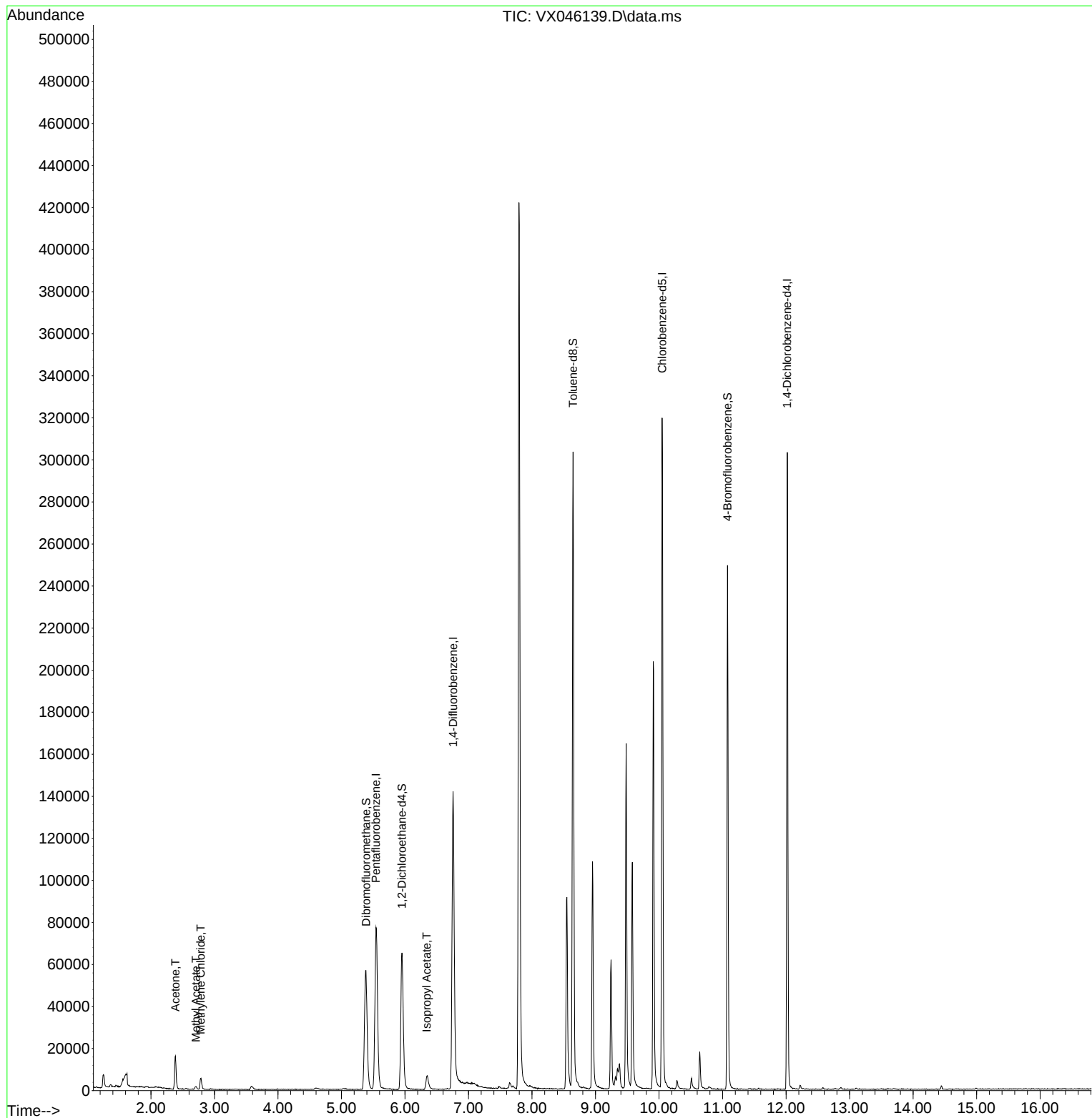
Internal Standards						
1) Pentafluorobenzene	5.544	168	66674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68759	55.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.640%
35) Dibromofluoromethane	5.385	113	49472	51.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	8.647	98	172797	51.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	11.079	95	65121	50.751	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.500%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18162	36.441	ug/l	99
18) Methyl Acetate	2.709	43	2269	1.962	ug/l	93
20) Methylene Chloride	2.782	84	2450	2.565	ug/l	86
43) Isopropyl Acetate	6.342	43	10447	4.268	ug/l	97

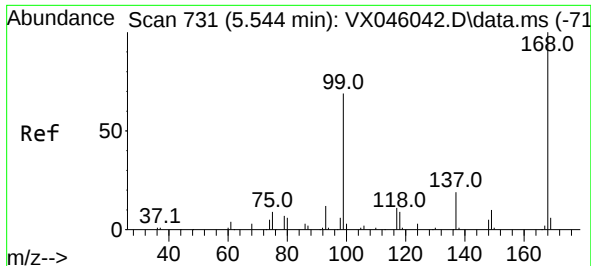
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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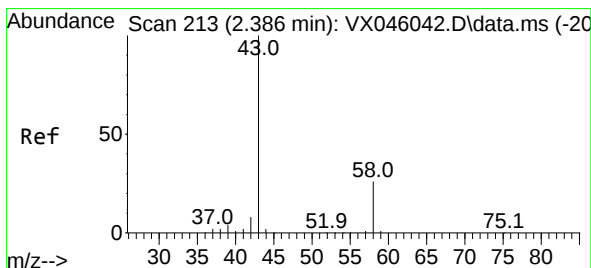
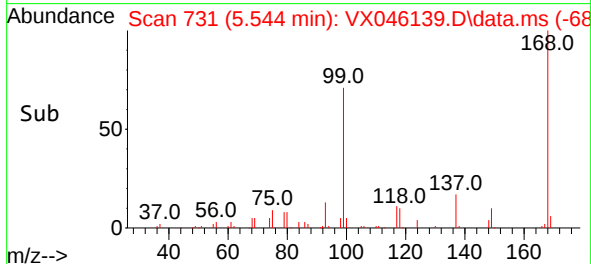
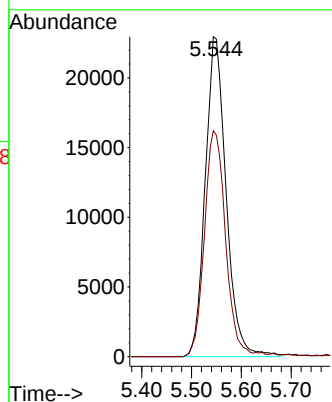
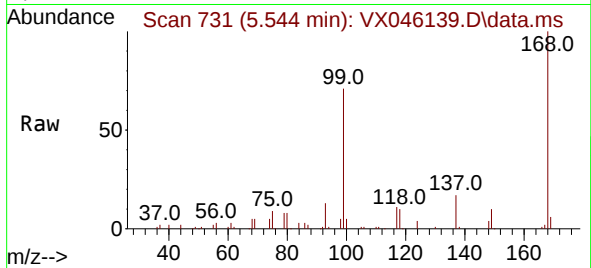




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

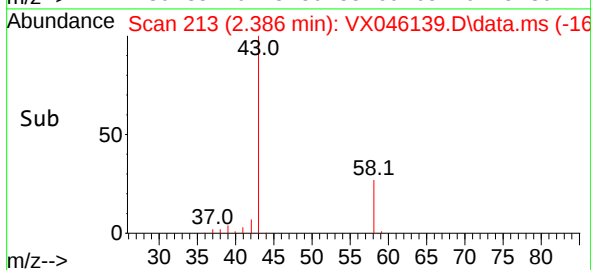
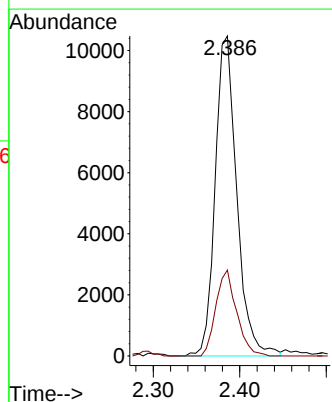
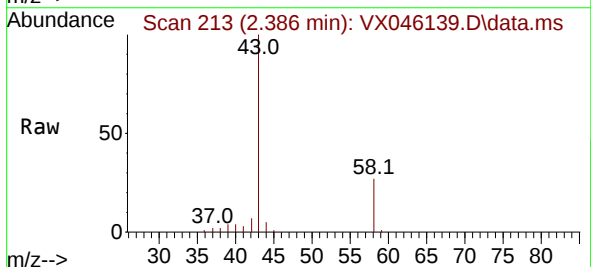
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-09

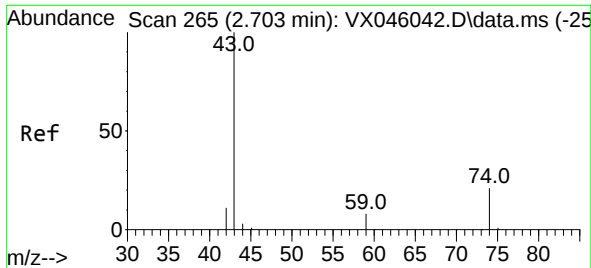
Tgt Ion:168 Resp: 66674
Ion Ratio Lower Upper
168 100
99 70.6 54.9 82.3



#16
Acetone
Concen: 36.441 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

Tgt Ion: 43 Resp: 18162
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8

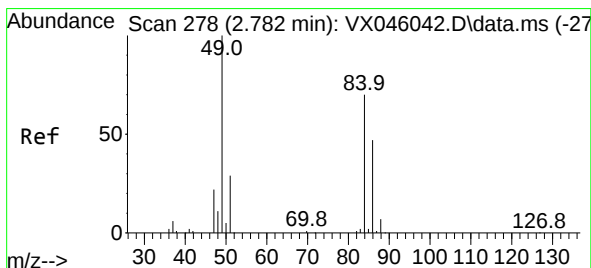
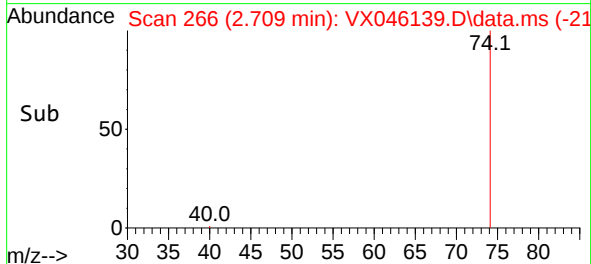
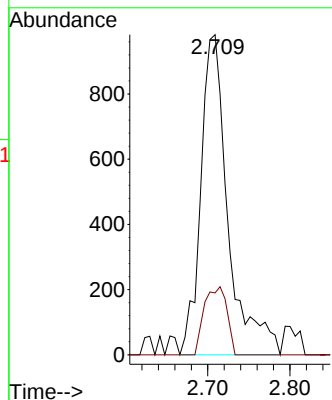
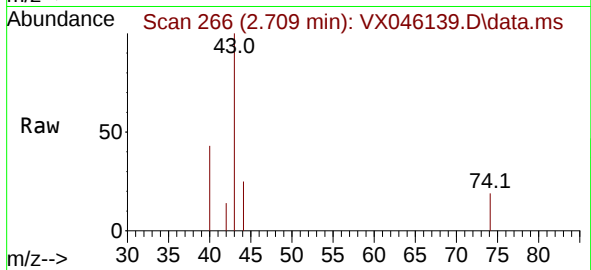




#18
Methyl Acetate
Concen: 1.962 ug/l
RT: 2.709 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

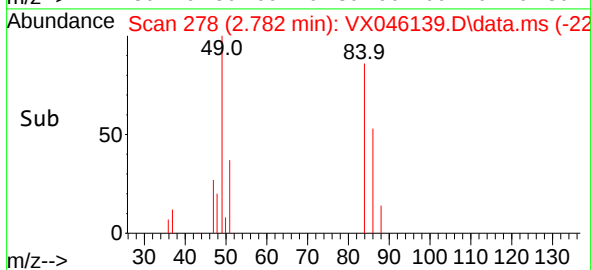
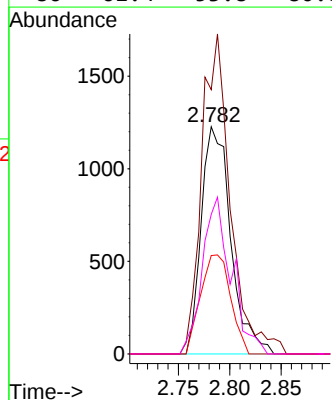
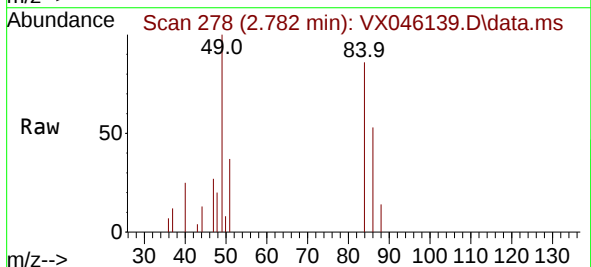
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-09

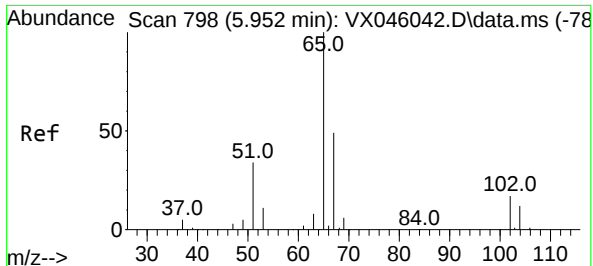
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
74 17.6 16.7 25.1



#20
Methylene Chloride
Concen: 2.565 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

Tgt Ion: 84 Resp: 2450
Ion Ratio Lower Upper
84 100
49 116.3 113.9 170.9
51 43.3 33.5 50.3
86 61.4 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 55.316 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046139.D

Acq: 12 May 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

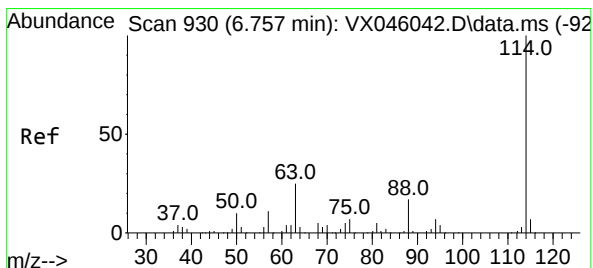
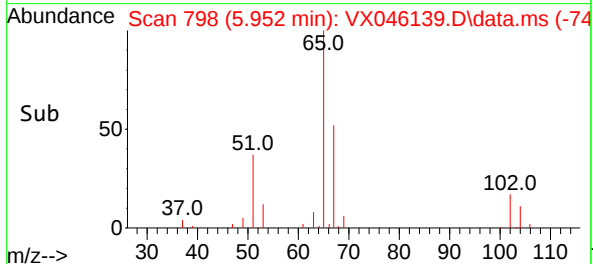
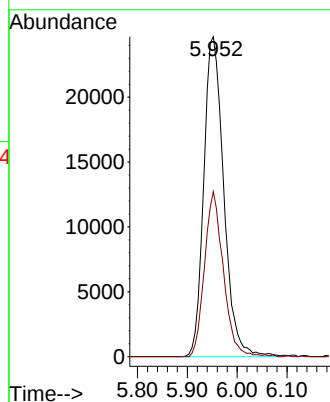
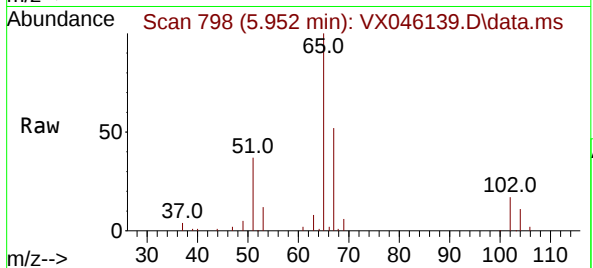
OR-636-COMP-09

Tgt Ion: 65 Resp: 68759

Ion Ratio Lower Upper

65 100

67 48.7 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: VX046139.D

Acq: 12 May 2025 15:32

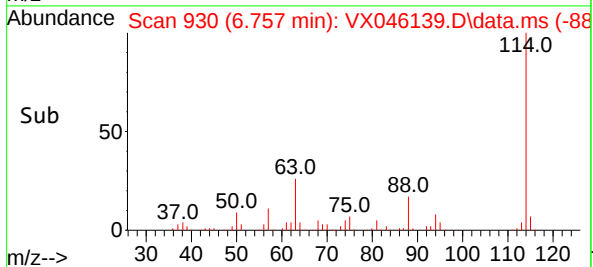
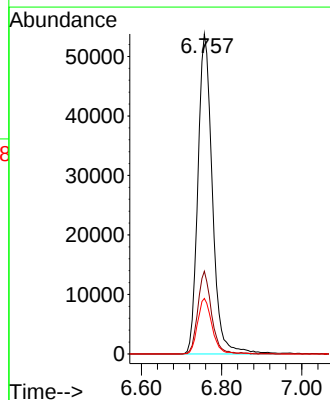
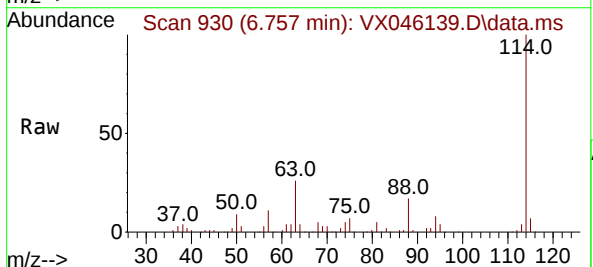
Tgt Ion: 114 Resp: 134215

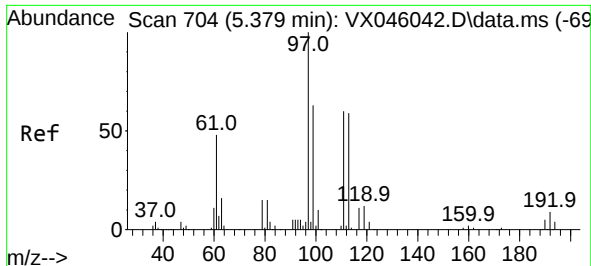
Ion Ratio Lower Upper

114 100

63 25.8 0.0 49.2

88 17.3 0.0 33.6

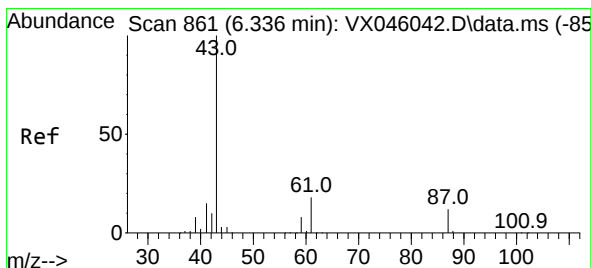
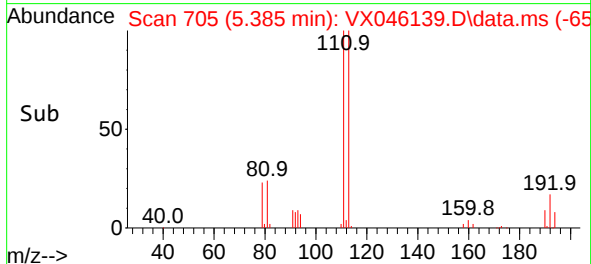
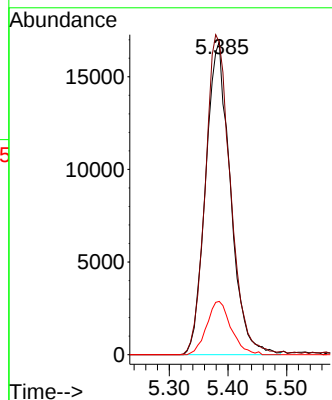
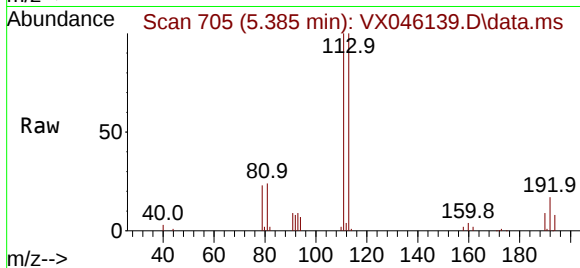




#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

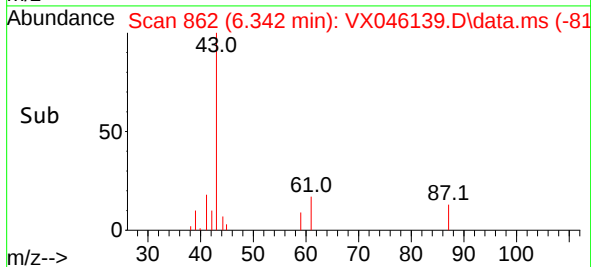
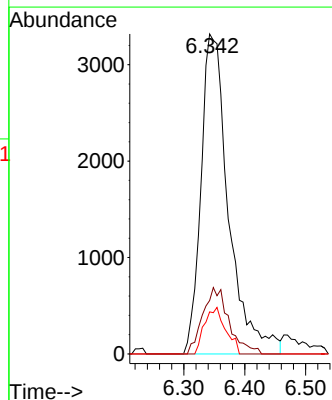
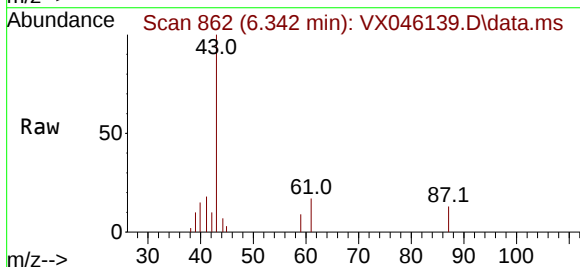
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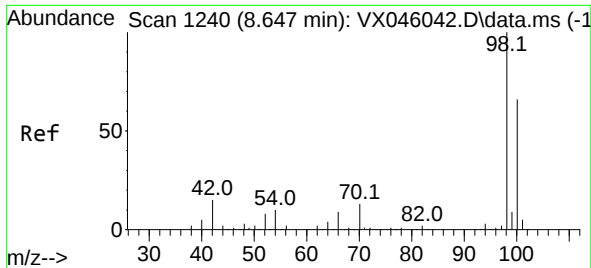
Tgt Ion:113 Resp: 49472
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 16.7 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.268 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

Tgt Ion: 43 Resp: 10447
Ion Ratio Lower Upper
43 100
61 19.7 14.3 21.5
87 11.1 9.5 14.3

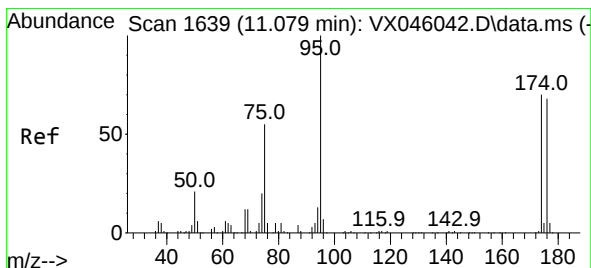
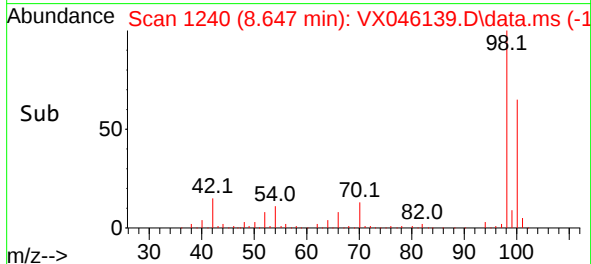
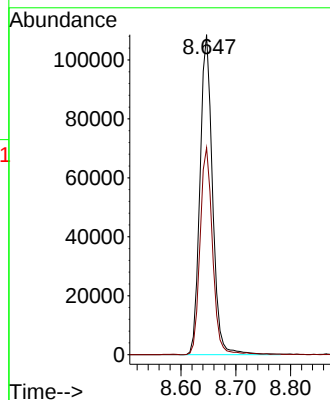
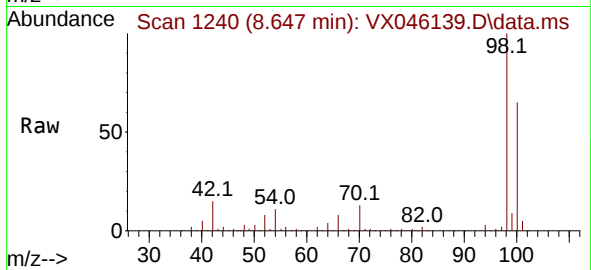




#50
Toluene-d8
Concen: 51.656 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

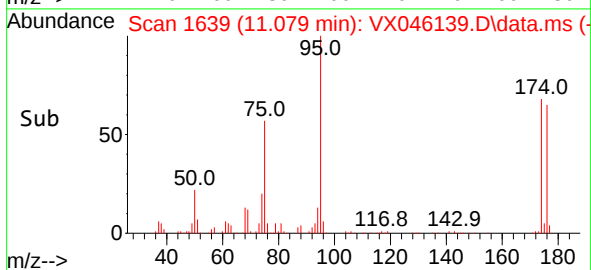
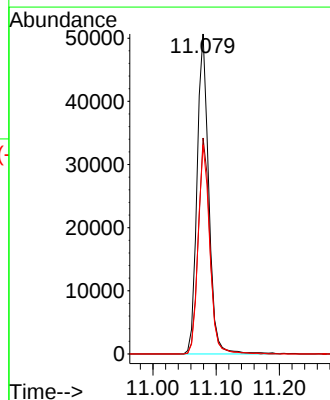
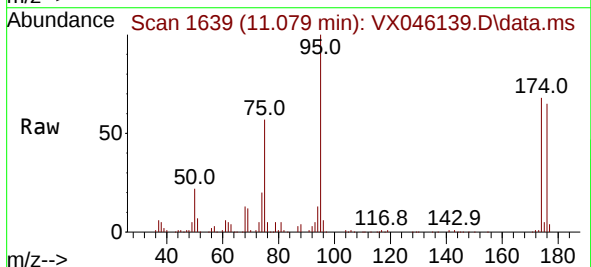
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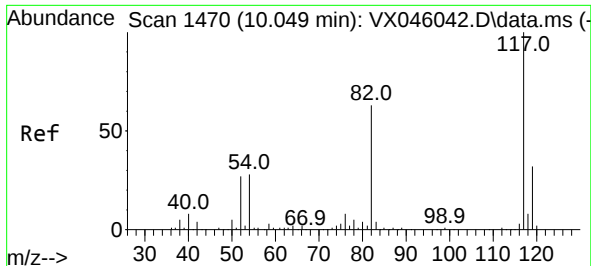
Tgt Ion: 98 Resp: 172797
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

Tgt Ion: 95 Resp: 65121
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.1 0.0 131.4

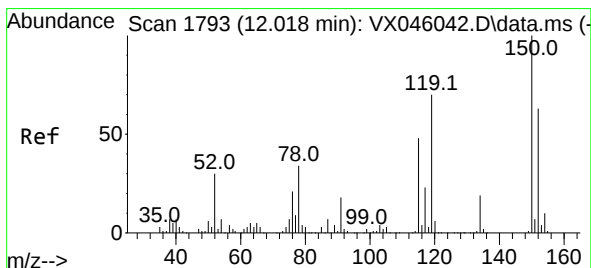
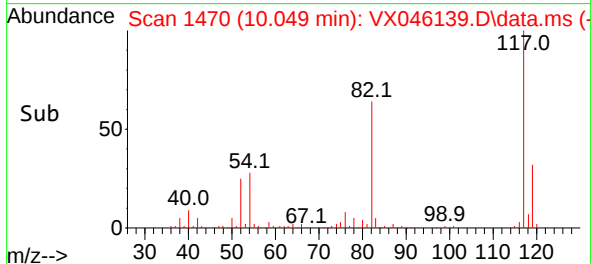
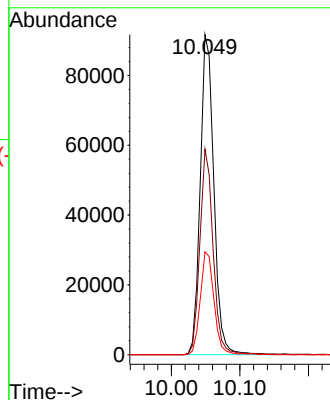
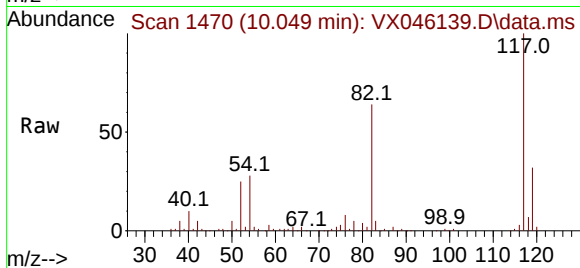




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046139.D
Acq: 12 May 2025 15:32

Instrument :
MSVOA_X
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OR-636-COMP-09

Tgt Ion:117 Resp: 126973
Ion Ratio Lower Upper
117 100
82 64.2 50.6 76.0
119 32.2 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: VX046139.D
Acq: 12 May 2025 15:32

Tgt Ion:152 Resp: 54574
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 158.1 0.0 351.0

