

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046133.D
 Acq On : 12 May 2025 13:12
 Operator : JC/MD
 Sample : Q1983-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-03

Quant Time: May 13 03:17:20 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)

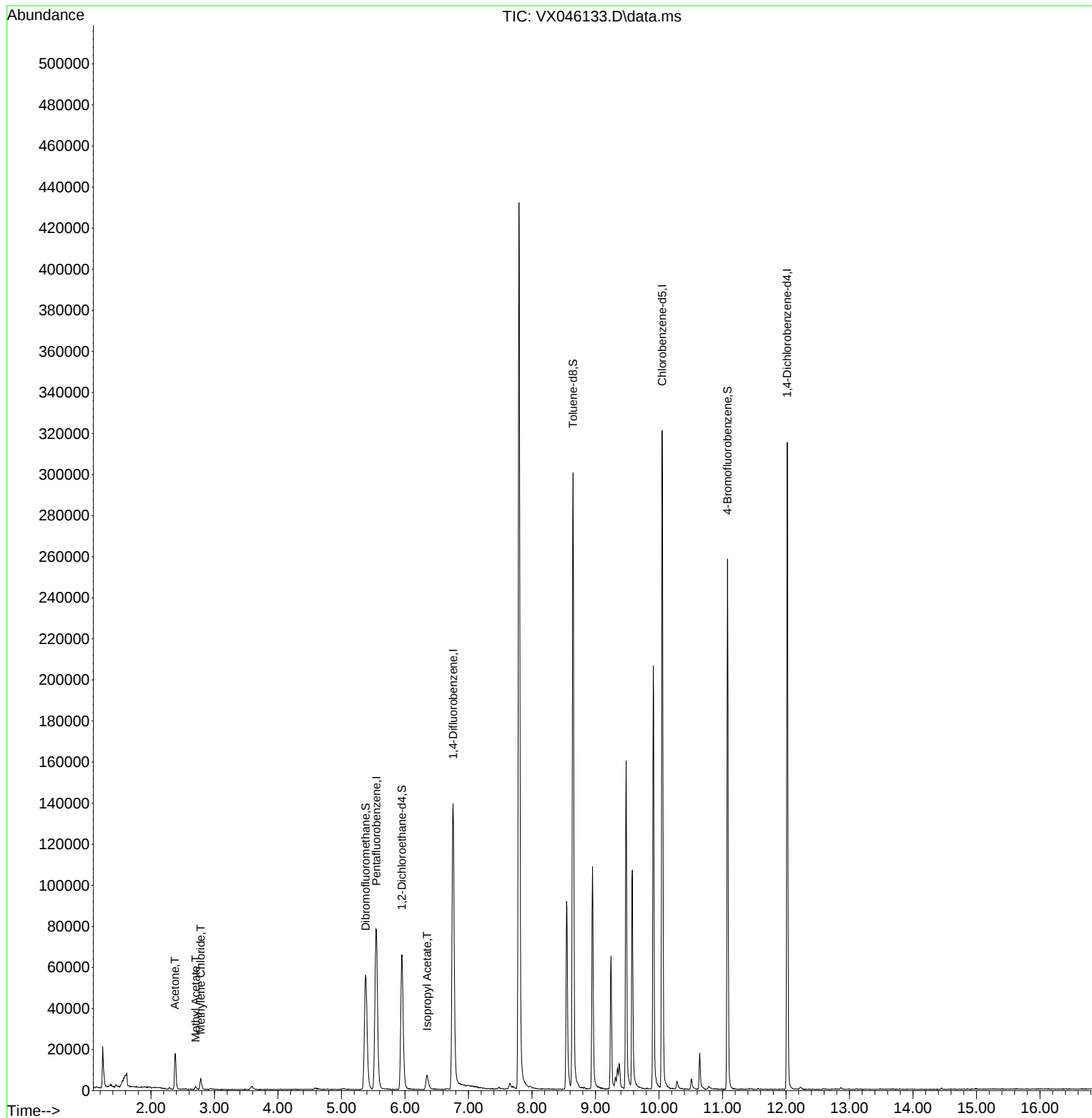
Internal Standards						
1) Pentafluorobenzene	5.550	168	66694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67171	54.022	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	108.040%	
35) Dibromofluoromethane	5.379	113	49935	51.116	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.240%	
50) Toluene-d8	8.647	98	173440	51.296	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.600%	
62) 4-Bromofluorobenzene	11.079	95	67308	51.896	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	19585	39.285	ug/l	96
18) Methyl Acetate	2.703	43	1811	1.565	ug/l	92
20) Methylene Chloride	2.782	84	2513	2.630	ug/l	96
43) Isopropyl Acetate	6.348	43	10574	4.274	ug/l	99

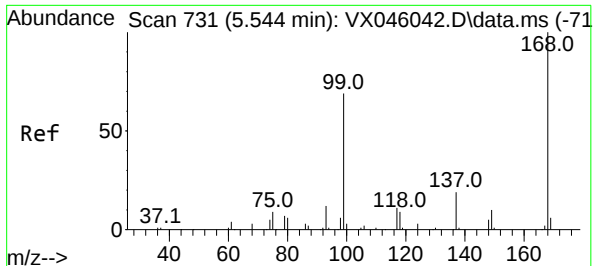
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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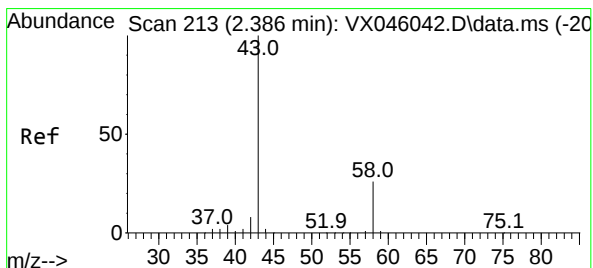
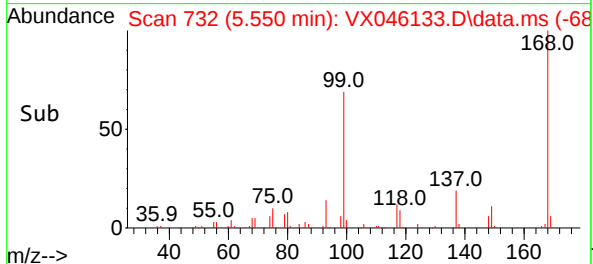
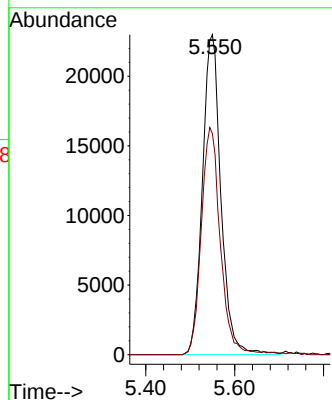
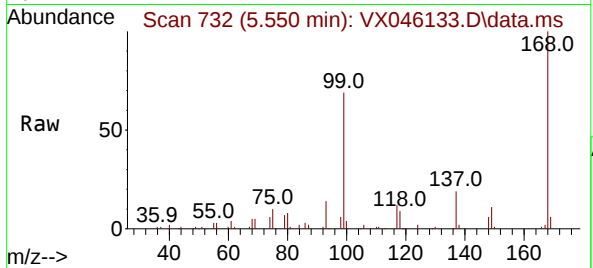




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

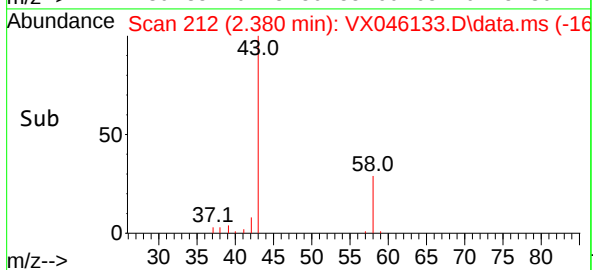
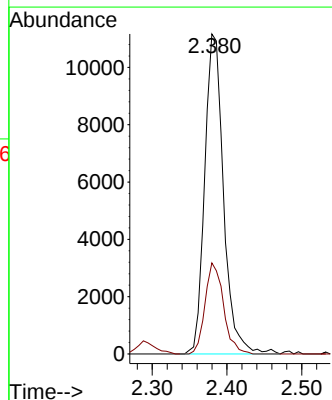
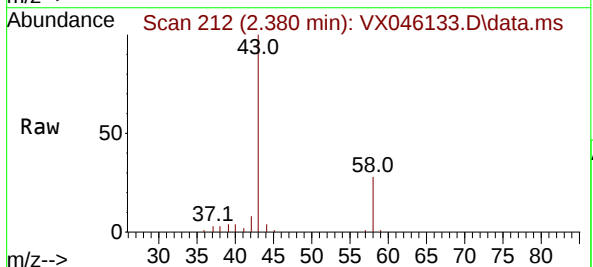
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-03

Tgt Ion:168 Resp: 66694
Ion Ratio Lower Upper
168 100
99 69.2 54.9 82.3



#16
Acetone
Concen: 39.285 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

Tgt Ion: 43 Resp: 19585
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8

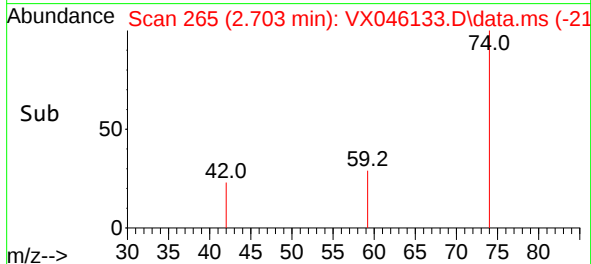
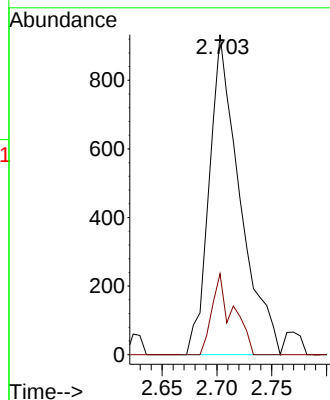
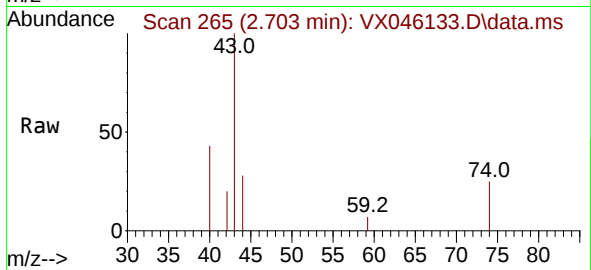




#18
Methyl Acetate
Concen: 1.565 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

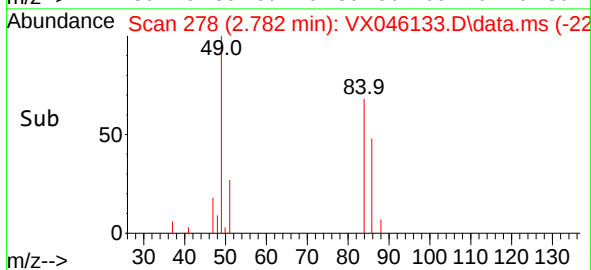
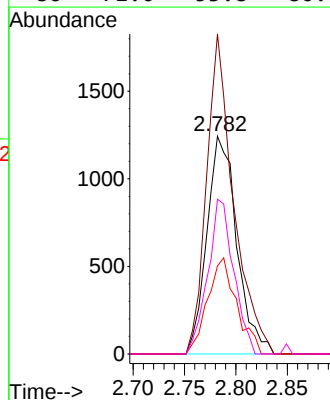
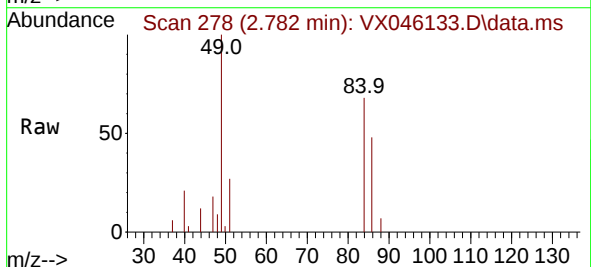
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-03

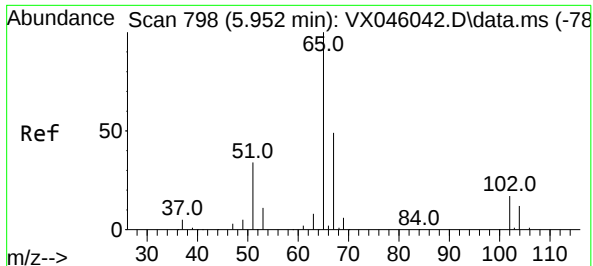
Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
74 17.3 16.7 25.1



#20
Methylene Chloride
Concen: 2.630 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

Tgt Ion: 84 Resp: 2513
Ion Ratio Lower Upper
84 100
49 147.0 113.9 170.9
51 40.4 33.5 50.3
86 71.0 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.022 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046133.D

Acq: 12 May 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

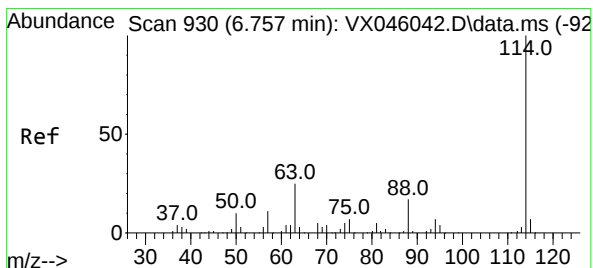
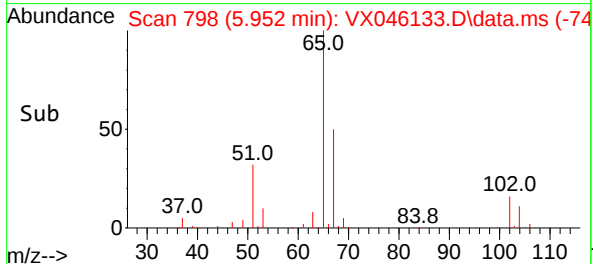
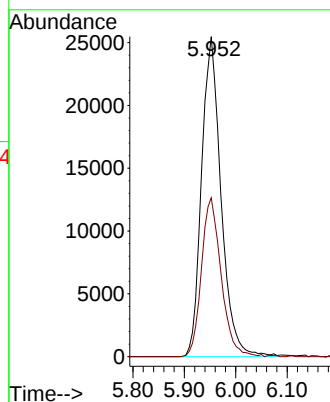
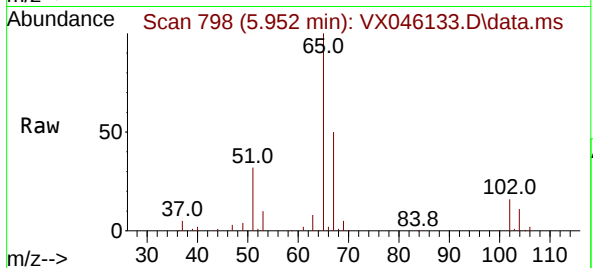
OR-636-COMP-03

Tgt Ion: 65 Resp: 67171

Ion Ratio Lower Upper

65 100

67 50.0 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: VX046133.D

Acq: 12 May 2025 13:12

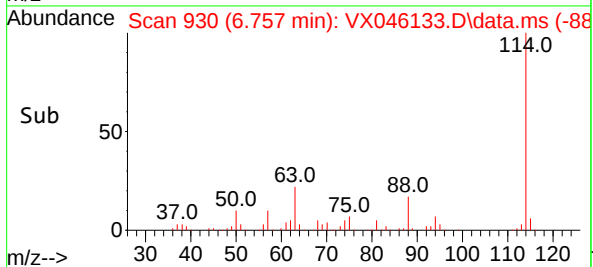
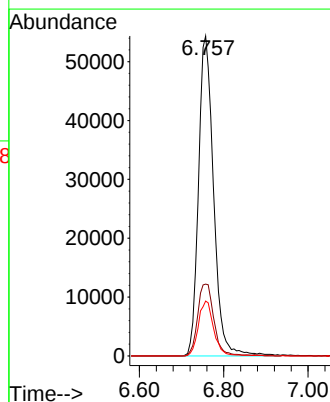
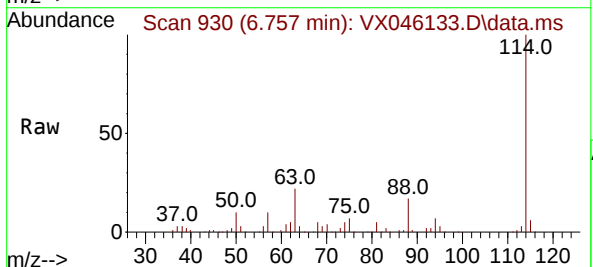
Tgt Ion: 114 Resp: 135660

Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.2

88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046133.D

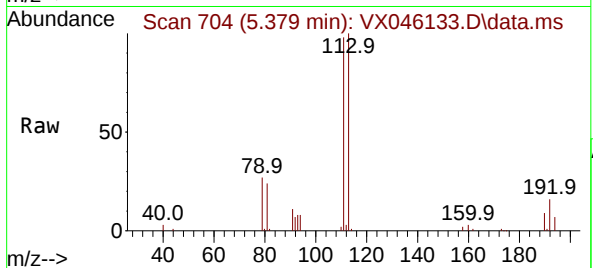
Acq: 12 May 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

OR-636-COMP-03



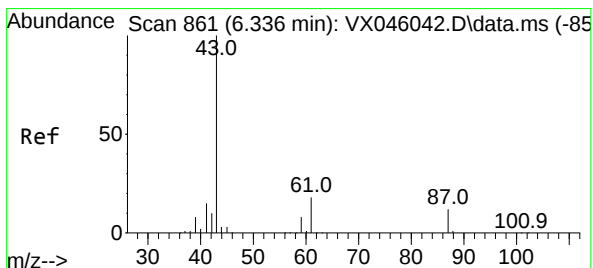
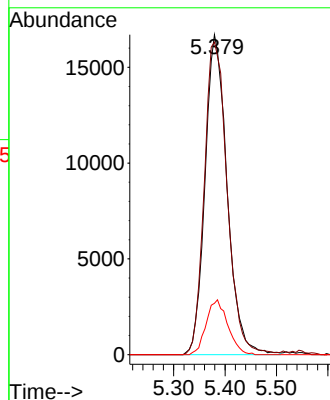
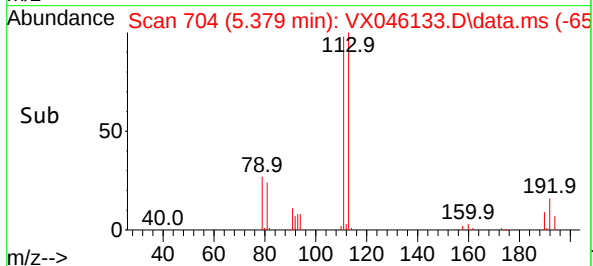
Tgt Ion:113 Resp: 49935

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

192 16.8 13.3 19.9



#43

Isopropyl Acetate

Concen: 4.274 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046133.D

Acq: 12 May 2025 13:12

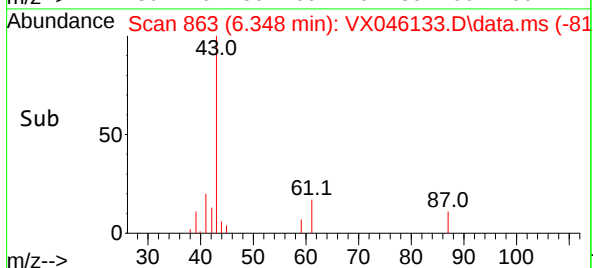
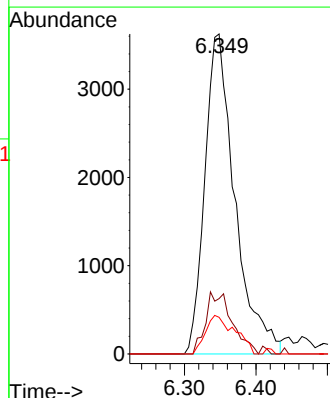
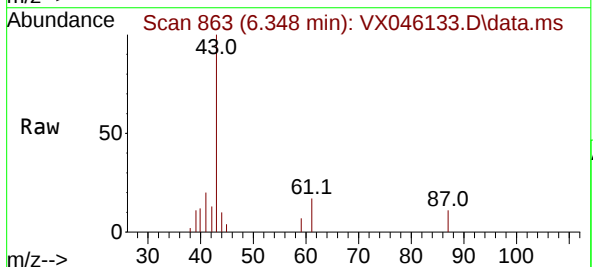
Tgt Ion: 43 Resp: 10574

Ion Ratio Lower Upper

43 100

61 17.0 14.3 21.5

87 11.7 9.5 14.3

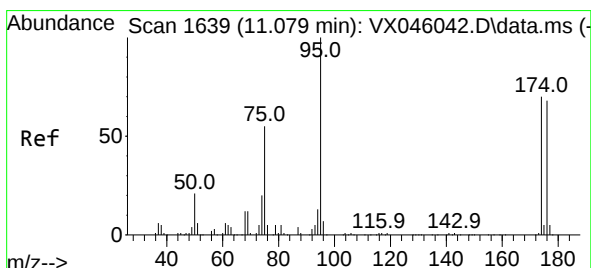
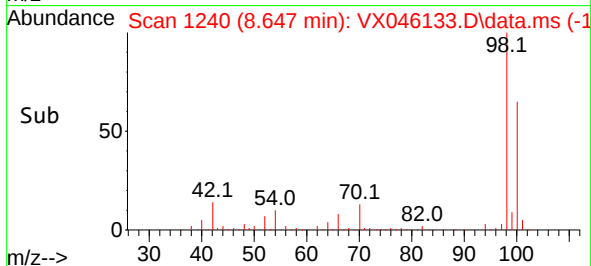
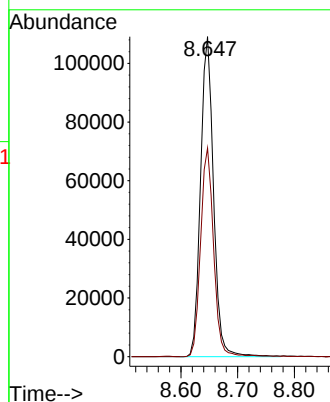
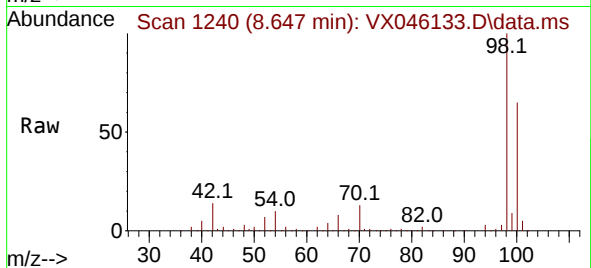




#50
Toluene-d8
Concen: 51.296 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

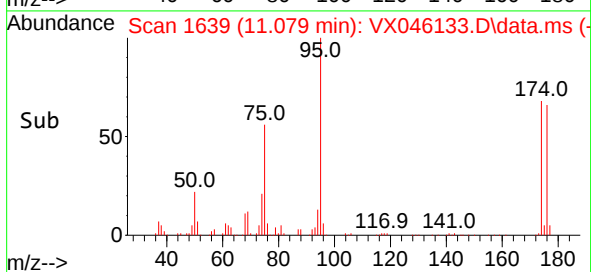
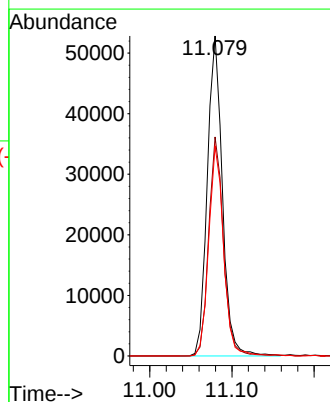
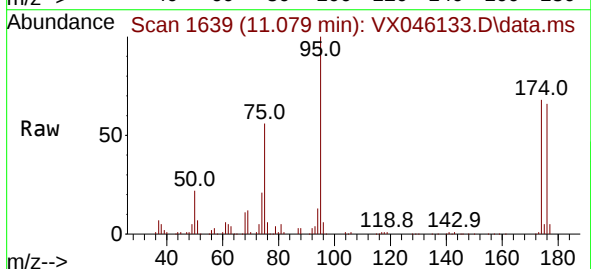
Instrument :
MSVOA_X
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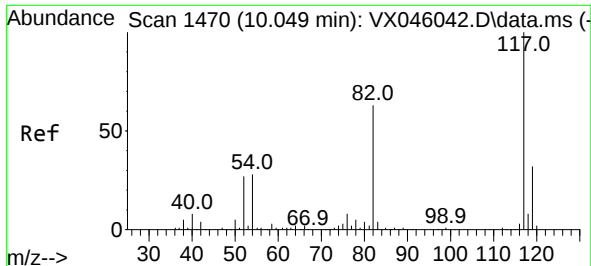
Tgt Ion: 98 Resp: 173440
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

Tgt Ion: 95 Resp: 67308
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.3 0.0 131.4

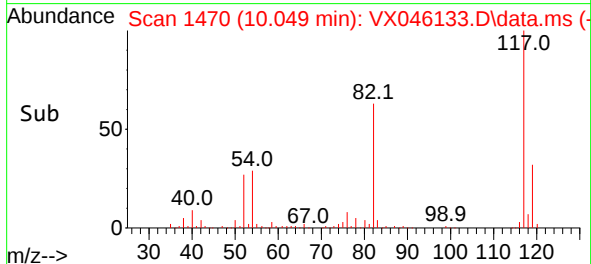
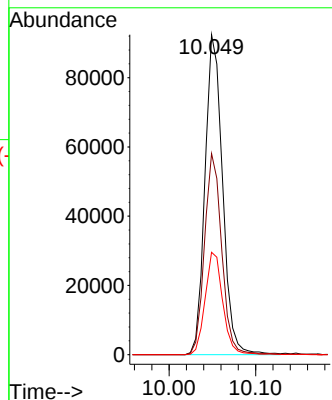
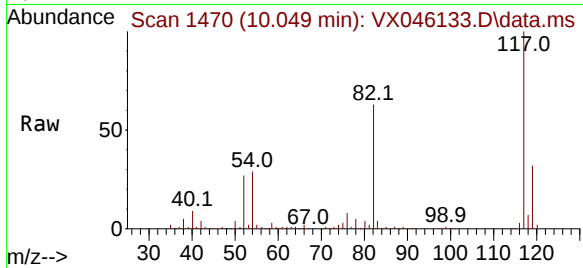




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046133.D
Acq: 12 May 2025 13:12

Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-03

Tgt Ion:117 Resp: 130488
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.0 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: VX046133.D
Acq: 12 May 2025 13:12

Tgt Ion:152 Resp: 58030
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 154.9 0.0 351.0

