

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044961.D
 Acq On : 14 Feb 2025 15:06
 Operator : JC/MD
 Sample : Q1353-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 346

Quant Time: Feb 14 15:32:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

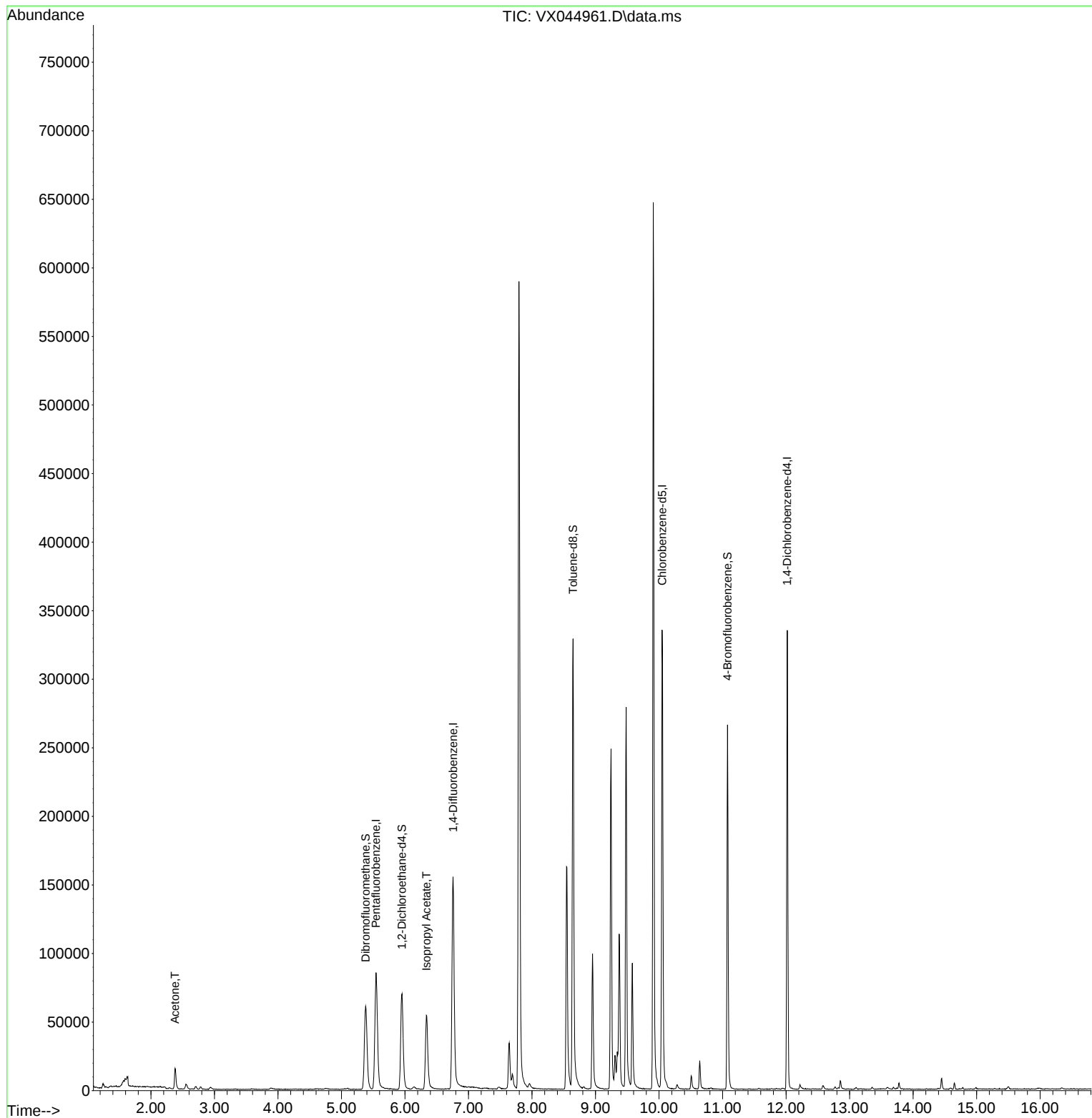
Internal Standards						
1) Pentafluorobenzene	5.544	168	79524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66793	57.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.760%
35) Dibromofluoromethane	5.379	113	54538	51.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	8.647	98	204055	50.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	69358	51.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.800%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	16561	35.389	ug/l	93
43) Isopropyl Acetate	6.336	43	79510	28.986	ug/l	98

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

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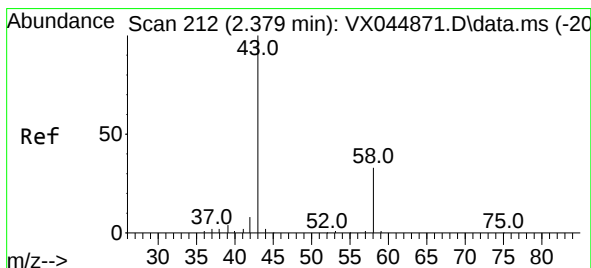
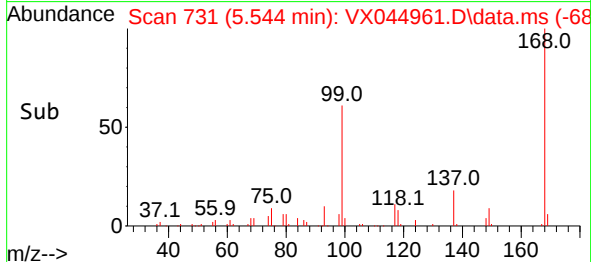
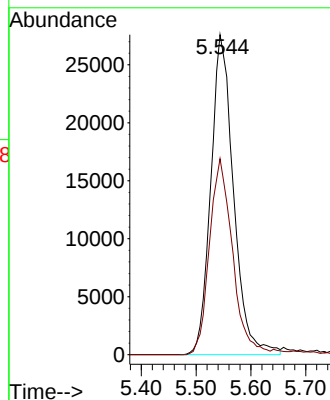
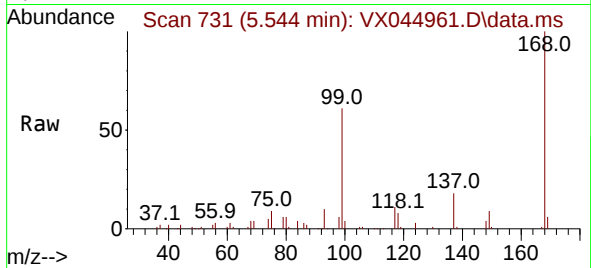




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

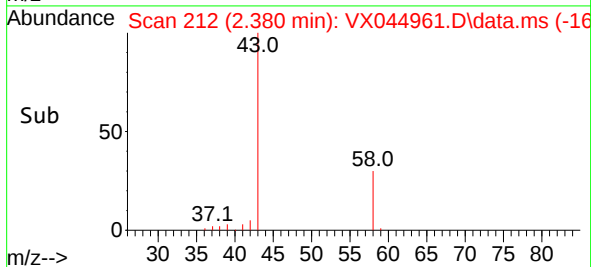
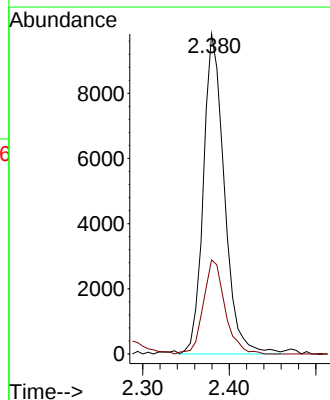
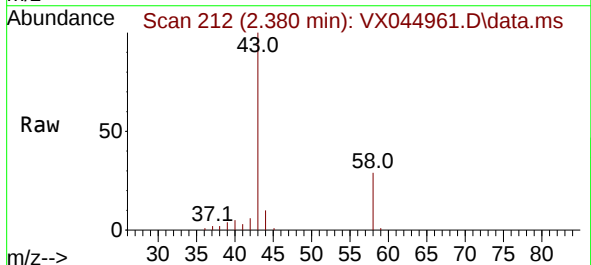
Instrument :
MSVOA_X
ClientSampleId :
346

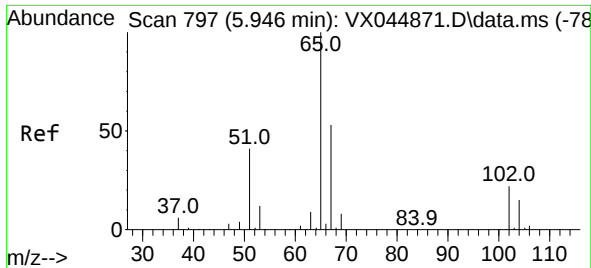
Tgt Ion:168 Resp: 79524
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8



#16
Acetone
Concen: 35.389 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 43 Resp: 16561
Ion Ratio Lower Upper
43 100
58 29.4 26.5 39.7

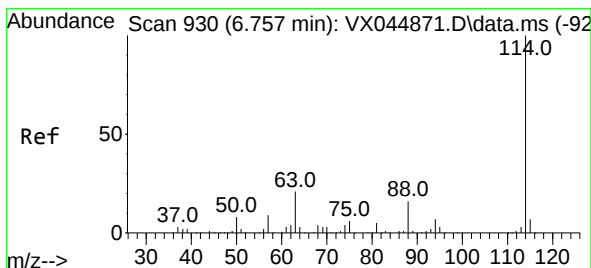
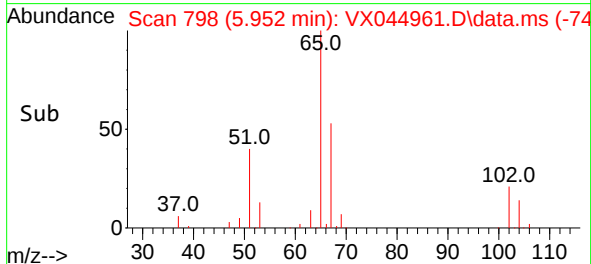
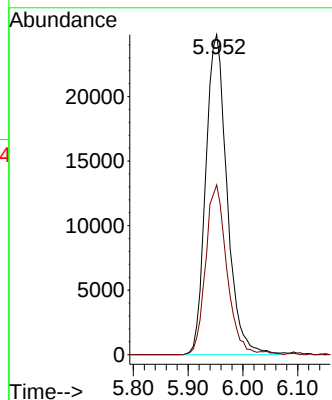
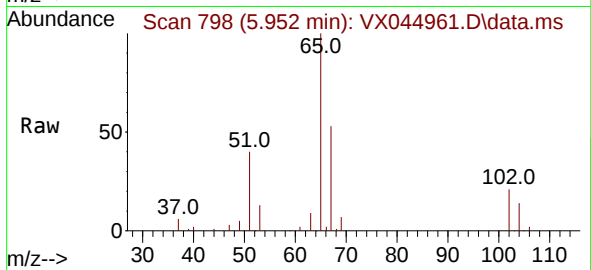




#33
 1,2-Dichloroethane-d4
 Concen: 57.378 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044961.D
 Acq: 14 Feb 2025 15:06

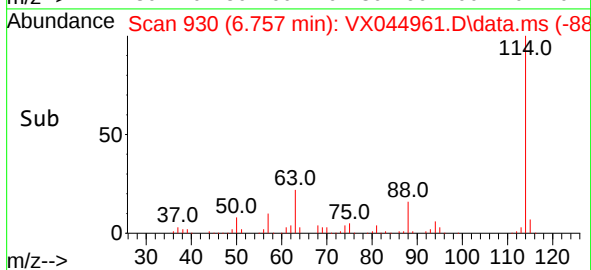
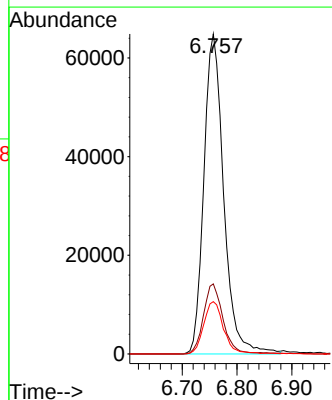
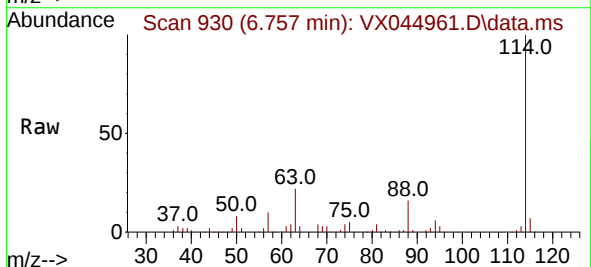
Instrument :
 MSVOA_X
 ClientSampleId :
 346

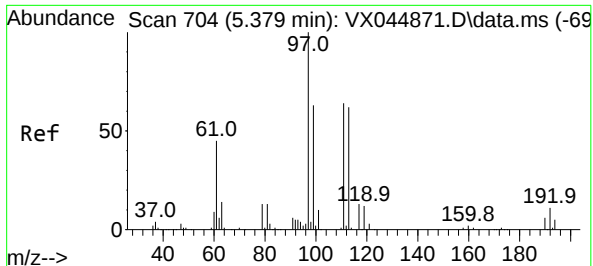
Tgt Ion: 65 Resp: 66793
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044961.D
 Acq: 14 Feb 2025 15:06

Tgt Ion: 114 Resp: 162808
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.4
 88 16.3 0.0 31.4

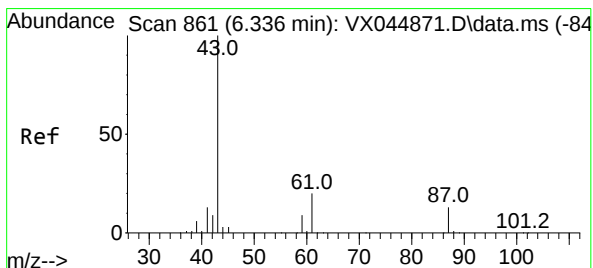
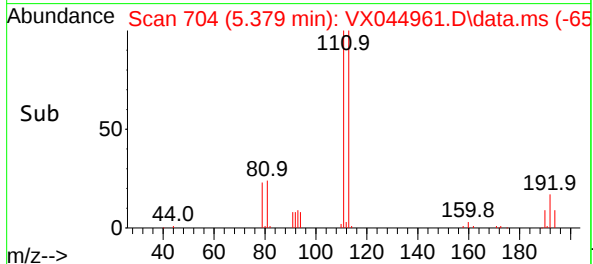
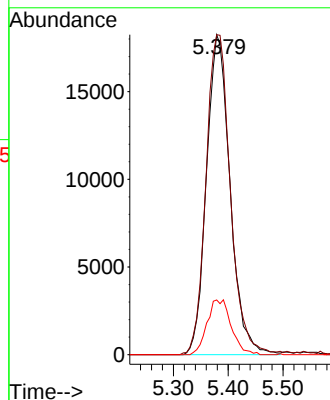
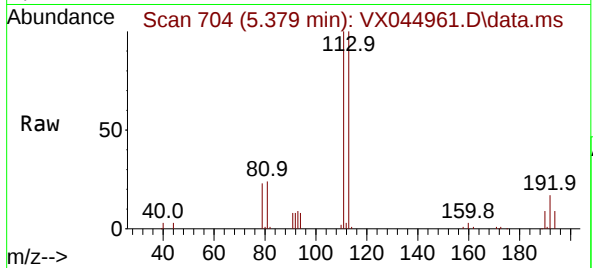




#35
Dibromofluoromethane
Concen: 51.523 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

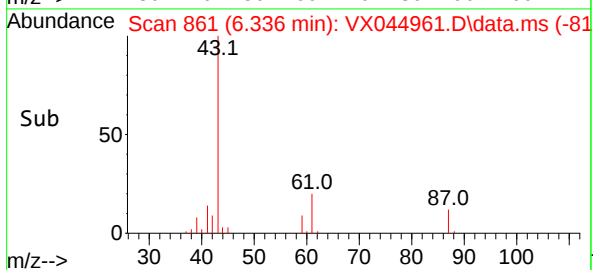
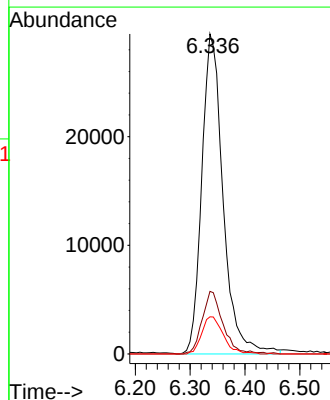
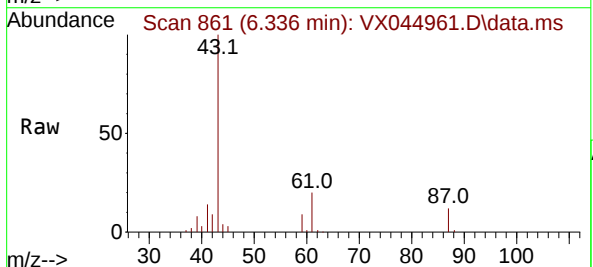
Instrument :
MSVOA_X
ClientSampleId :
346

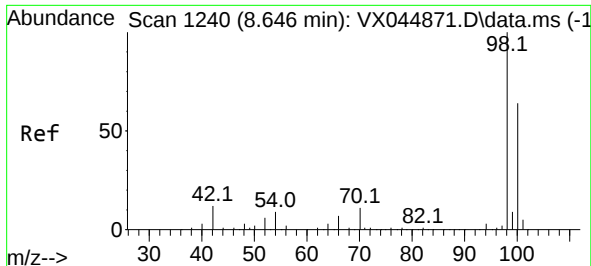
Tgt Ion:113 Resp: 54538
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 17.5 14.4 21.6



#43
Isopropyl Acetate
Concen: 28.986 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 43 Resp: 79510
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.8
87 11.7 10.0 15.0

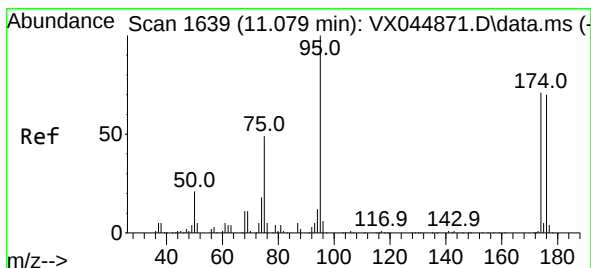
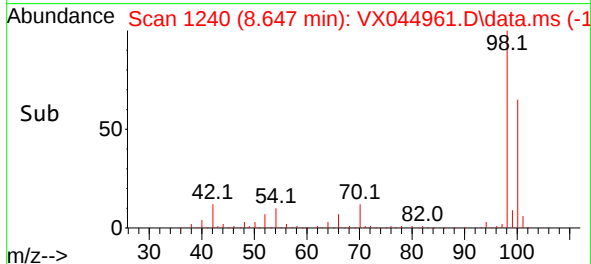
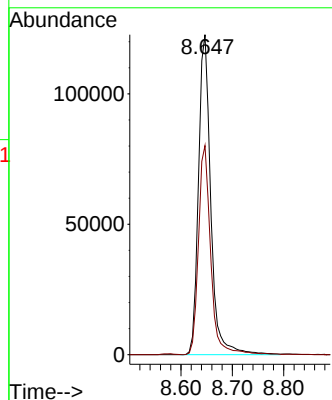
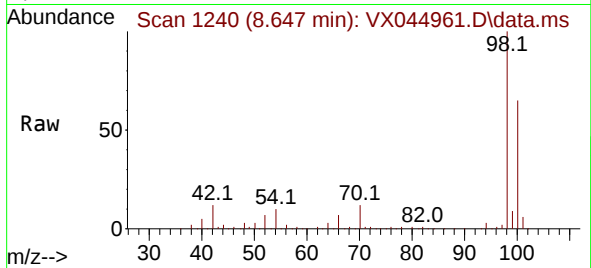




#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

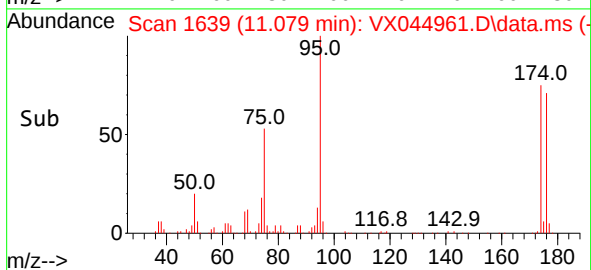
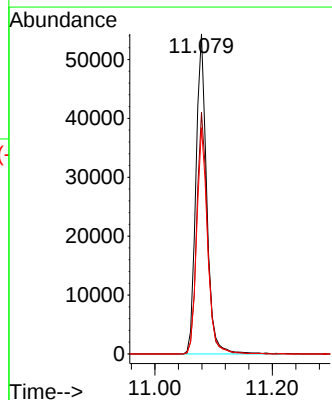
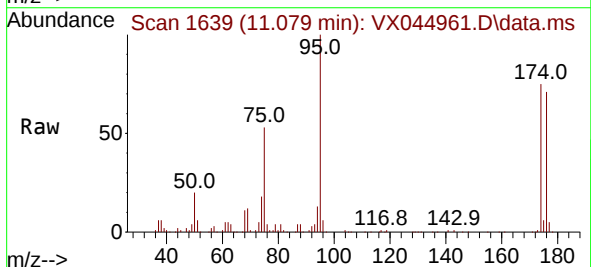
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MSVOA_X
ClientSampleId :
346

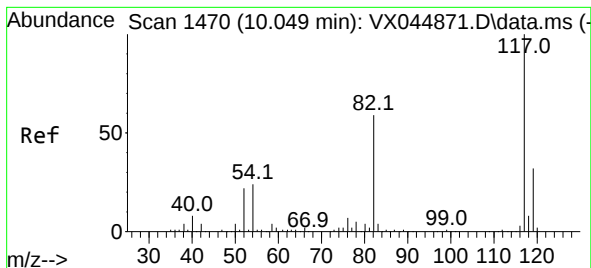
Tgt Ion: 98 Resp: 204055
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 95 Resp: 69358
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 70.9 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

346

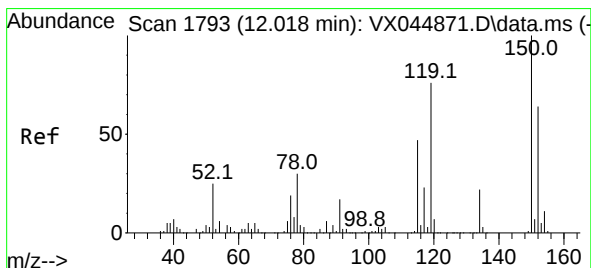
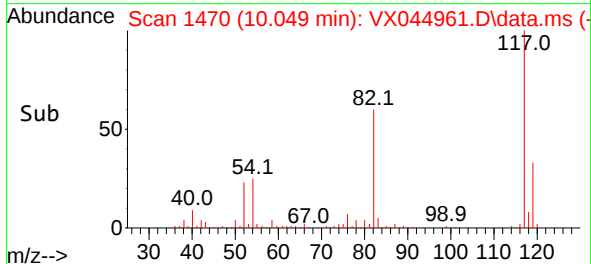
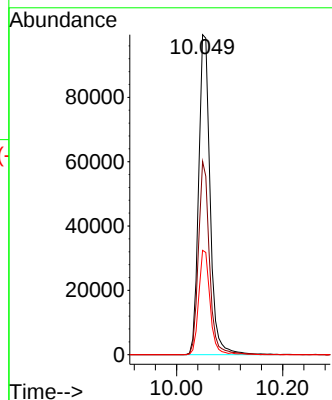
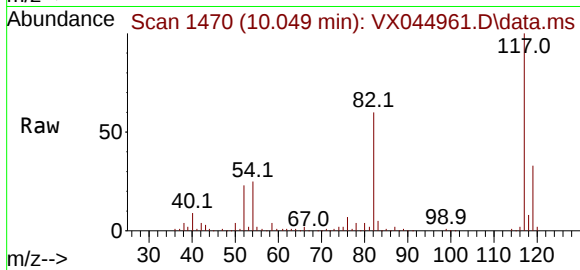
Tgt Ion:117 Resp: 149363

Ion Ratio Lower Upper

117 100

82 60.4 47.5 71.3

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

Tgt Ion:152 Resp: 63994

Ion Ratio Lower Upper

152 100

115 60.9 43.4 130.1

150 159.0 0.0 350.4

