

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044971.D
 Acq On : 14 Feb 2025 18:57
 Operator : JC/MD
 Sample : Q1363-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225

Quant Time: Feb 14 22:19:18 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)

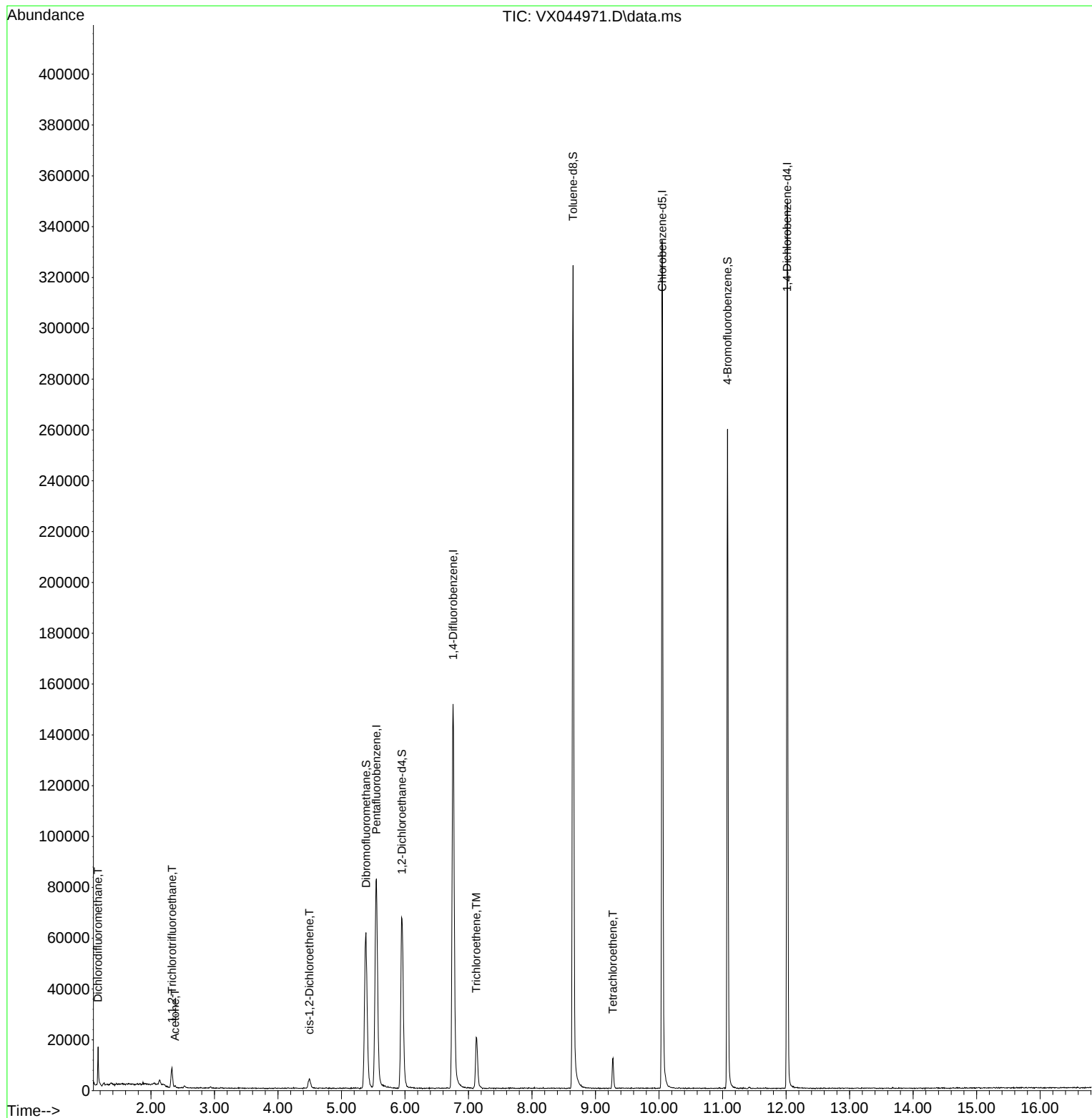
Internal Standards						
1) Pentafluorobenzene	5.550	168	75470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64939	58.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.560%	
35) Dibromofluoromethane	5.385	113	53696	52.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	196972	50.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	11.079	95	70404	54.072	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	8582	8.108	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	2794	2.930	ug/l	92
16) Acetone	2.380	43	835	1.880	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	2340	2.035	ug/l	93
44) Trichloroethene	7.123	130	8038	7.643	ug/l	100
64) Tetrachloroethene	9.275	164	2414	2.594	ug/l #	91

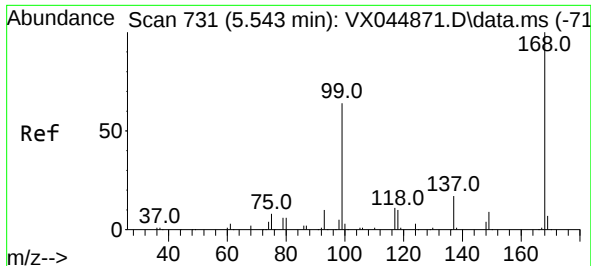
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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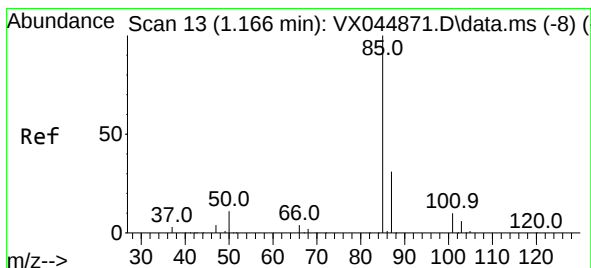
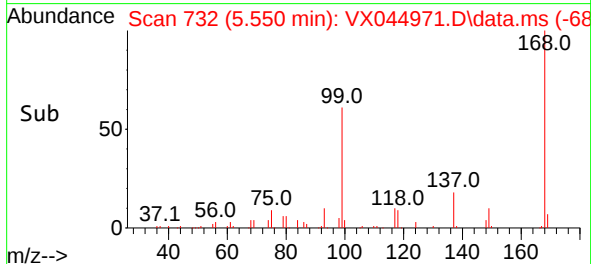
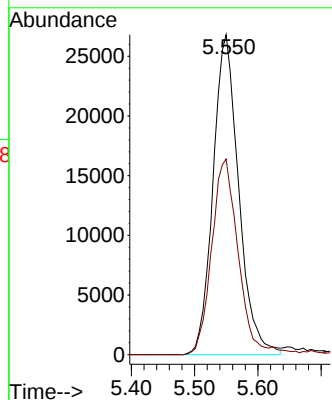
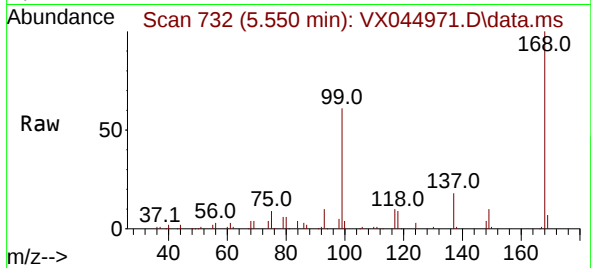




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

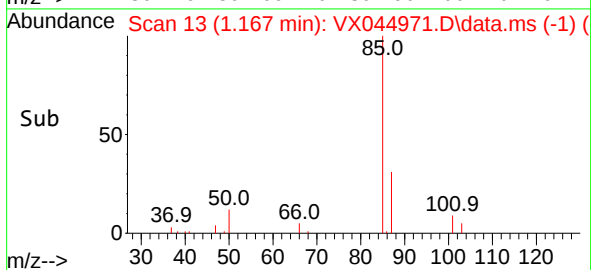
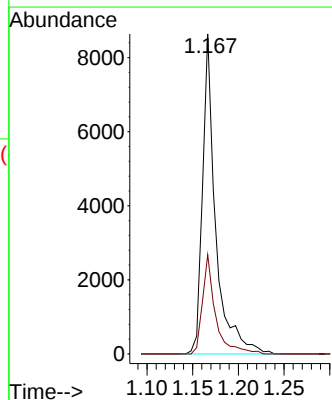
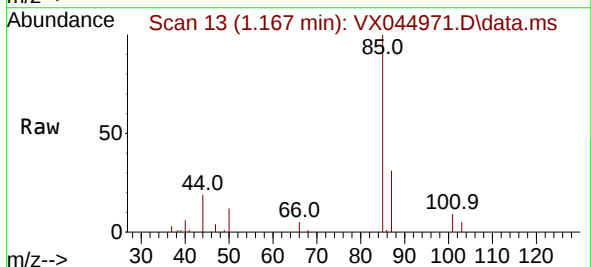
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225

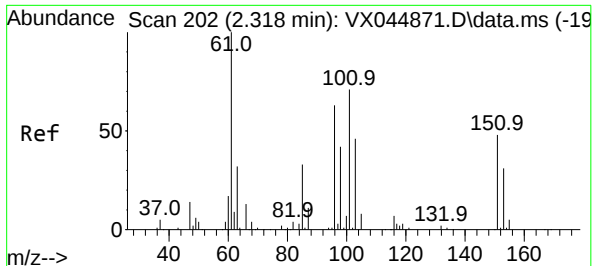
Tgt Ion:168 Resp: 75470
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 8.108 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

Tgt Ion: 85 Resp: 8582
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.3

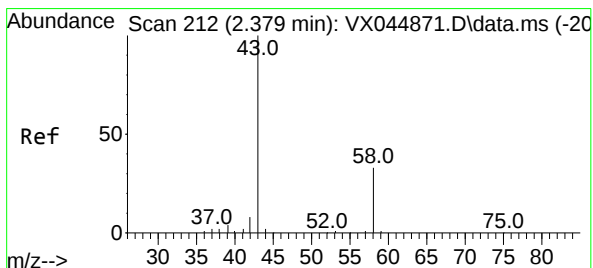
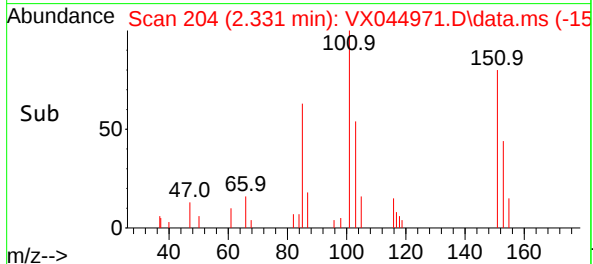
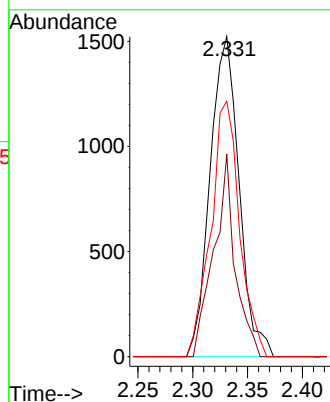
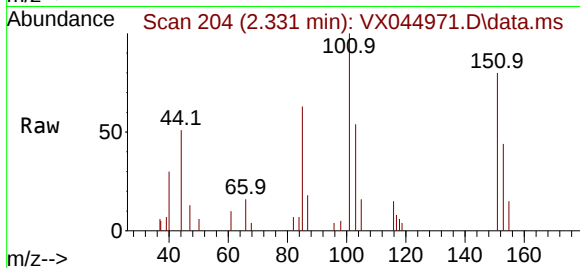




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.930 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

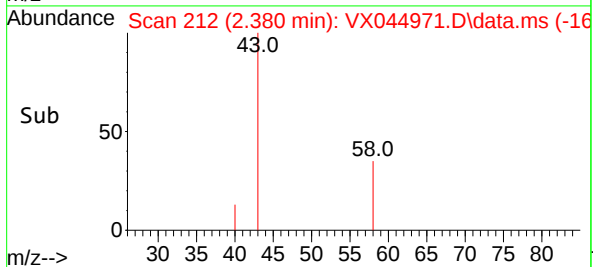
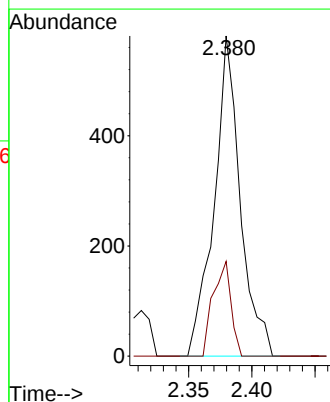
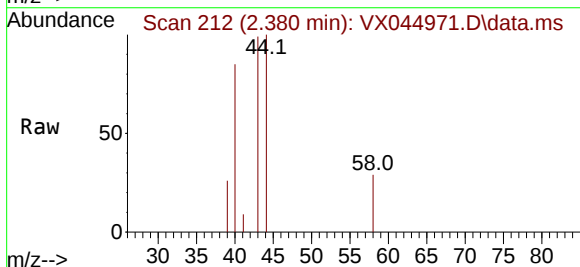
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225

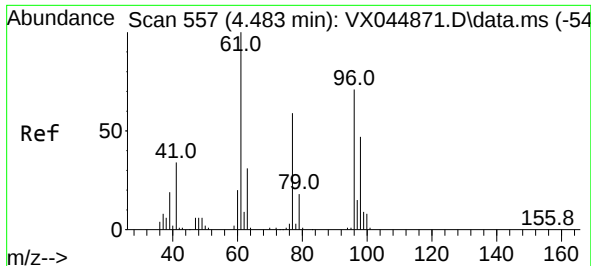
Tgt Ion:101 Resp: 2794
Ion Ratio Lower Upper
101 100
85 46.9 35.7 53.5
151 79.3 56.0 84.0



#16
Acetone
Concen: 1.880 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 29.6 26.5 39.7





#27

cis-1,2-Dichloroethene

Concen: 2.035 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX044971.D

Acq: 14 Feb 2025 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225

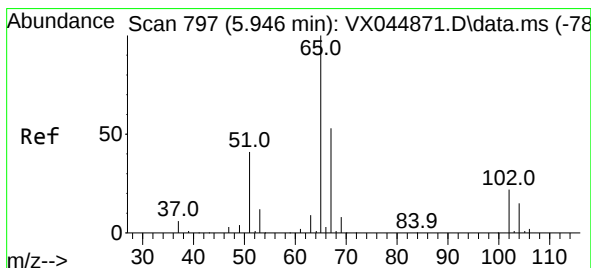
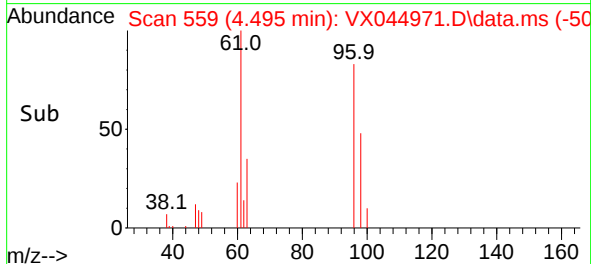
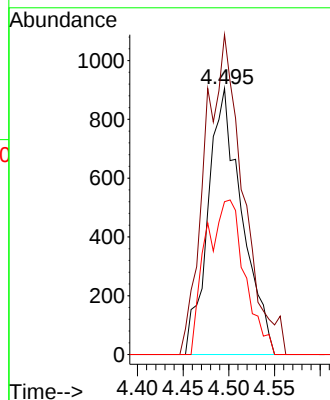
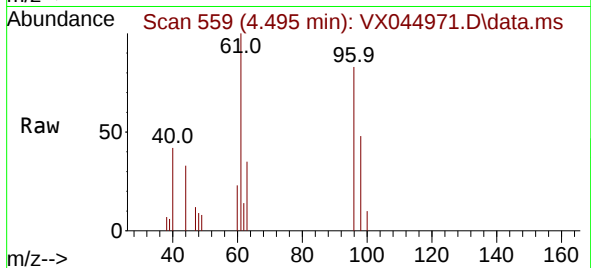
Tgt Ion: 96 Resp: 2340

Ion Ratio Lower Upper

96 100

61 135.8 0.0 294.0

98 66.7 0.0 131.2



#33

1,2-Dichloroethane-d4

Concen: 58.782 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044971.D

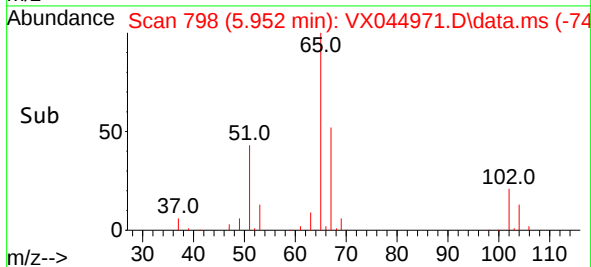
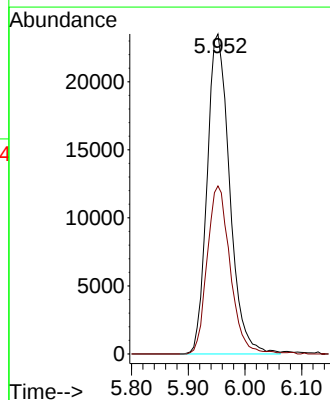
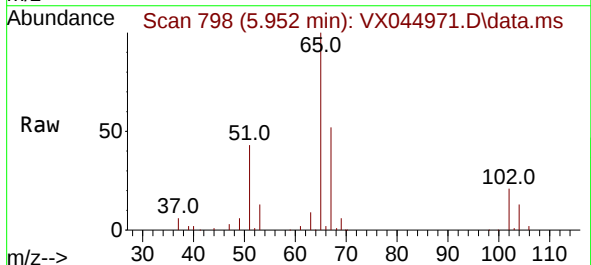
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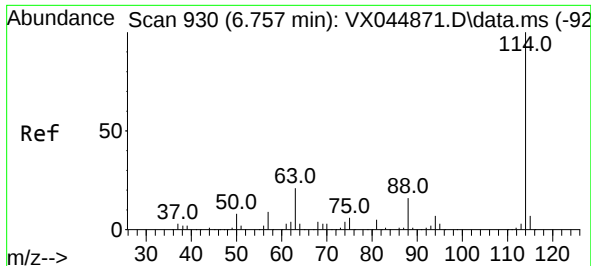
Tgt Ion: 65 Resp: 64939

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.2

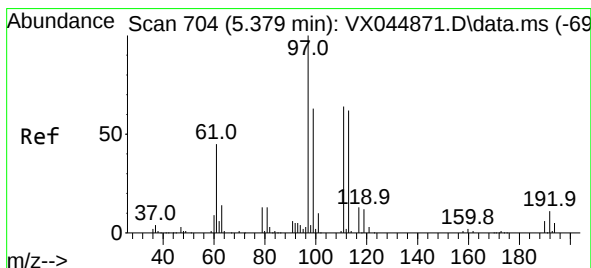
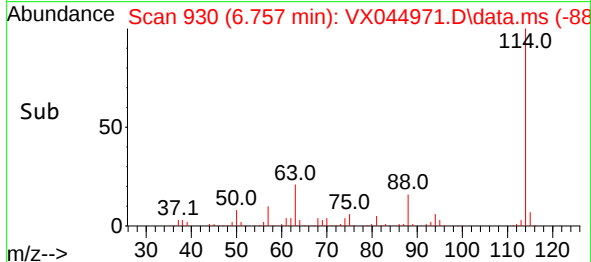
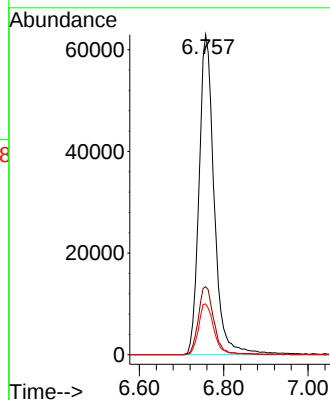
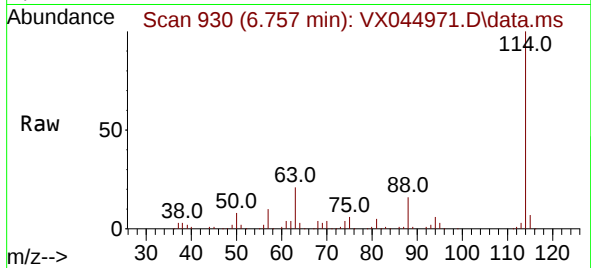




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044971.D
 Acq: 14 Feb 2025 18:57

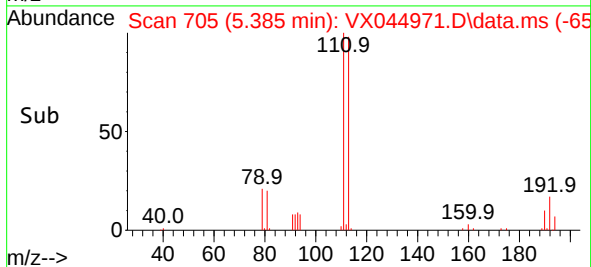
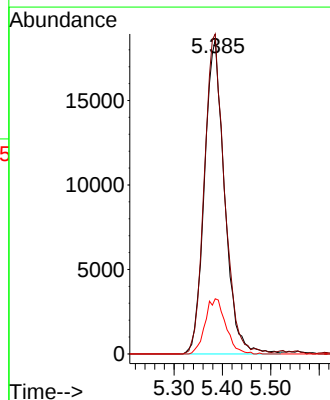
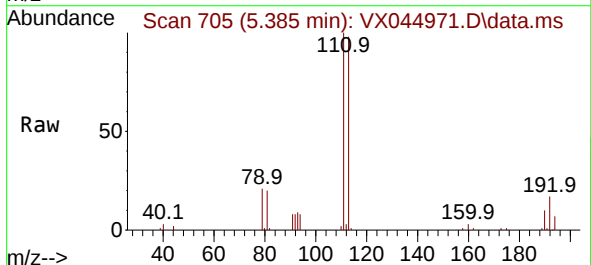
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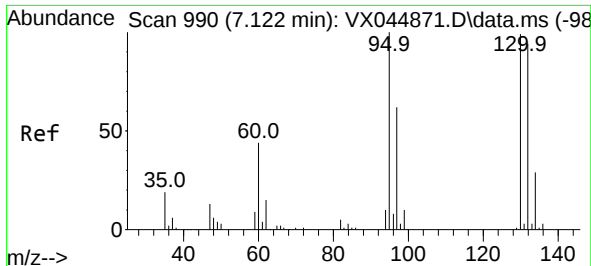
Tgt Ion:114 Resp: 157095
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 15.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 52.572 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX044971.D
 Acq: 14 Feb 2025 18:57

Tgt Ion:113 Resp: 53696
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.5 125.3
 192 18.0 14.4 21.6

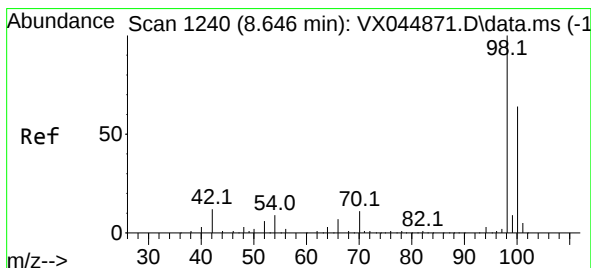
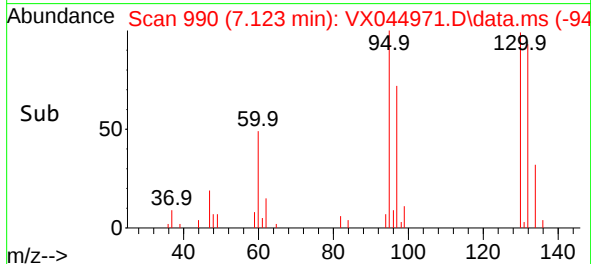
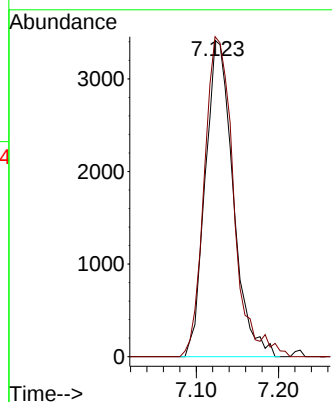
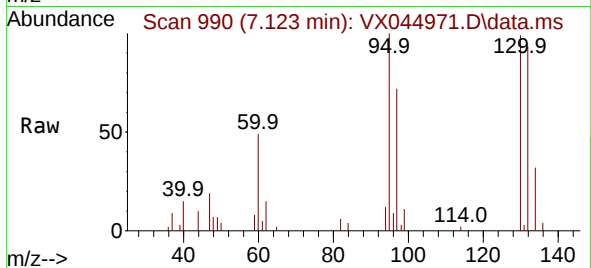




#44
Trichloroethene
Concen: 7.643 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

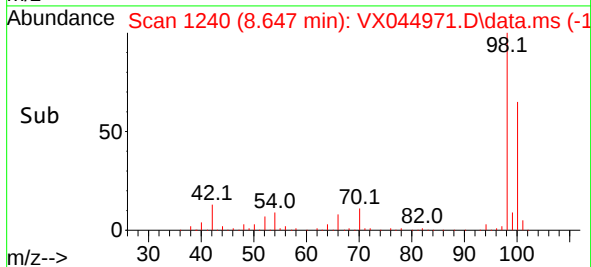
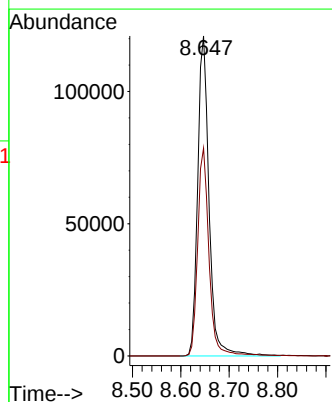
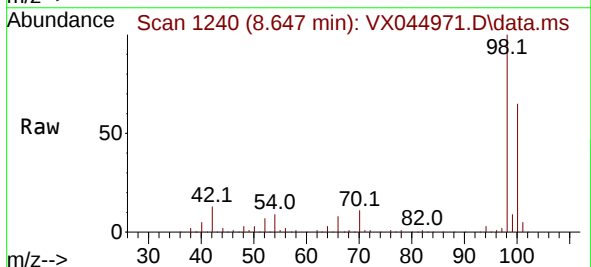
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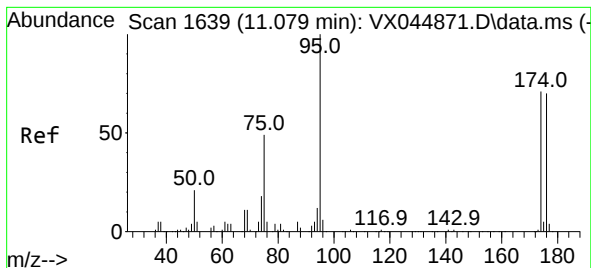
Tgt Ion:130 Resp: 8038
Ion Ratio Lower Upper
130 100
95 101.1 0.0 202.4



#50
Toluene-d8
Concen: 50.999 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

Tgt Ion: 98 Resp: 196972
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

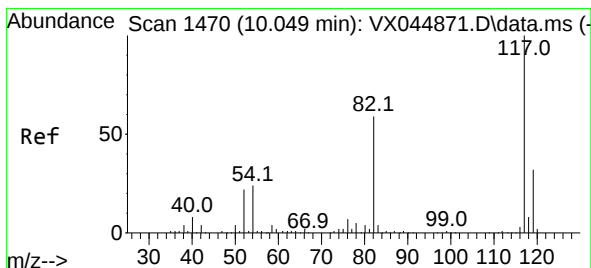
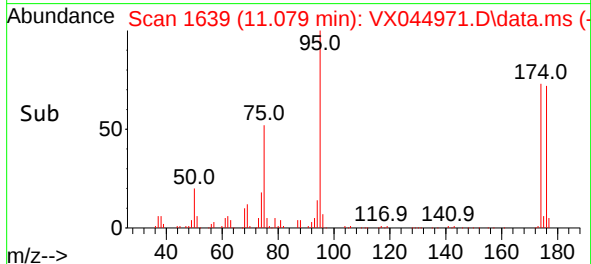
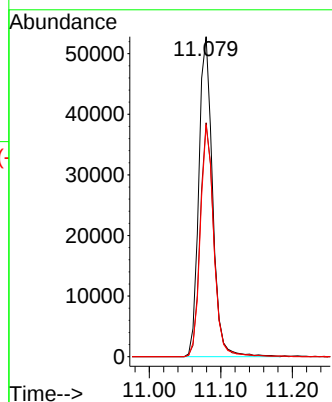
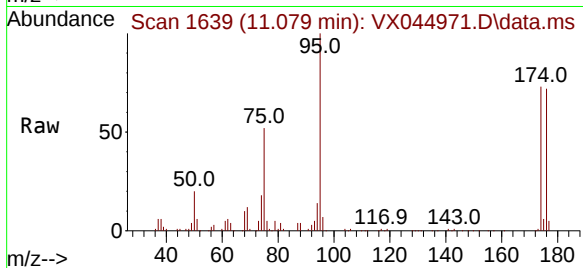




#62
4-Bromofluorobenzene
Concen: 54.072 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

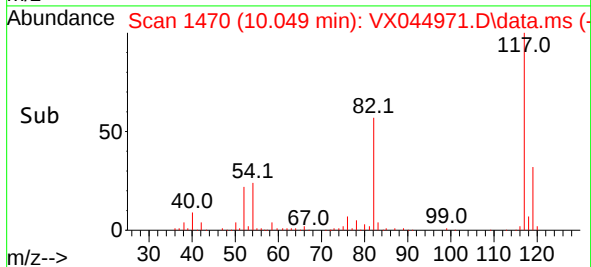
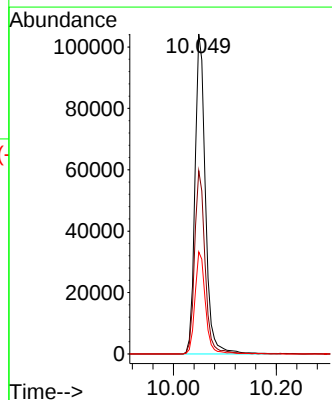
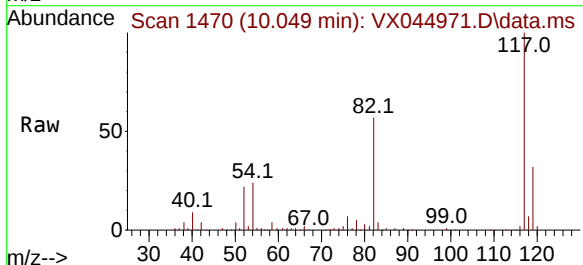
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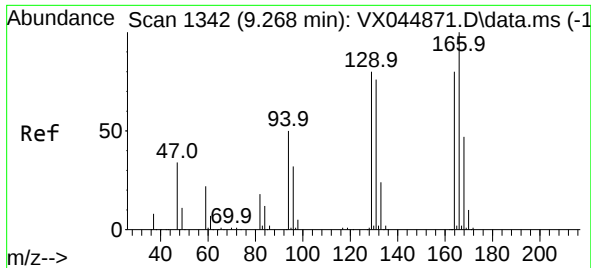
Tgt Ion: 95 Resp: 70404
Ion Ratio Lower Upper
95 100
174 72.6 0.0 142.6
176 70.8 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044971.D
Acq: 14 Feb 2025 18:57

Tgt Ion: 117 Resp: 147557
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.9 25.4 38.0





#64

Tetrachloroethene

Concen: 2.594 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX044971.D

Acq: 14 Feb 2025 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225

Tgt Ion:164 Resp: 2414

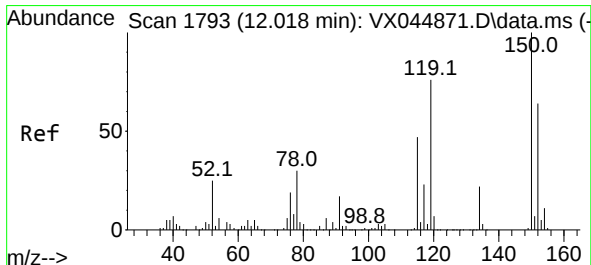
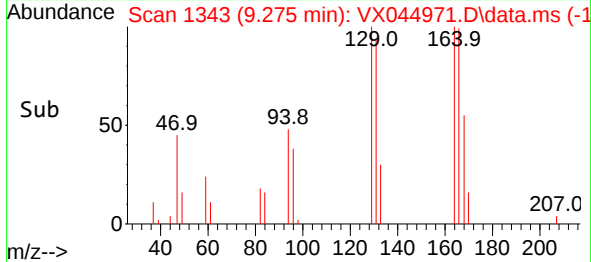
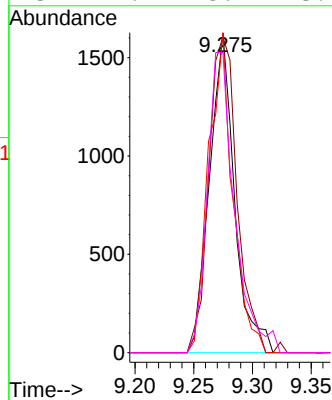
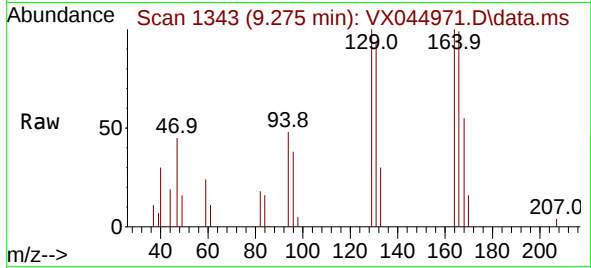
Ion Ratio Lower Upper

164 100

166 98.9 100.4 150.6#

129 100.2 79.9 119.9

131 94.1 75.9 113.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044971.D

Acq: 14 Feb 2025 18:57

Tgt Ion:152 Resp: 66405

Ion Ratio Lower Upper

152 100

115 62.2 43.4 130.1

150 158.1 0.0 350.4

