

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044970.D
 Acq On : 14 Feb 2025 18:34
 Operator : JC/MD
 Sample : Q1363-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33S-FD-021225

Quant Time: Feb 14 22:18:51 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)

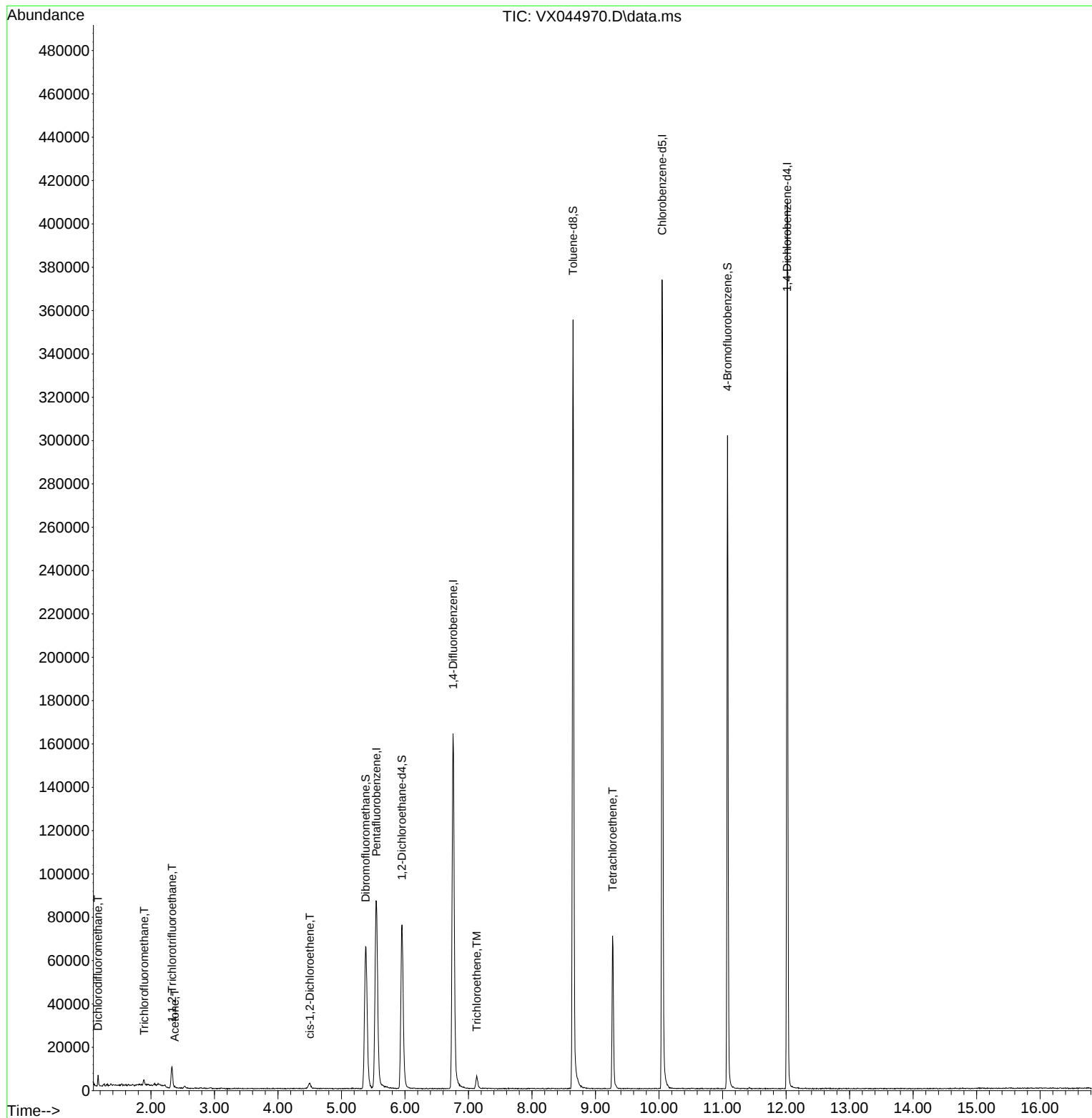
Internal Standards						
1) Pentafluorobenzene	5.550	168	83299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70646	57.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.880%	
35) Dibromofluoromethane	5.379	113	58337	53.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.720%	
50) Toluene-d8	8.647	98	214805	51.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	11.079	95	79480	57.032	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3067	2.625	ug/l	96
7) Trichlorofluoromethane	1.892	101	1501	0.862	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	3794	3.605	ug/l	91
16) Acetone	2.374	43	813	1.659	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	1667	1.313	ug/l	95
44) Trichloroethene	7.129	130	2181	1.937	ug/l	90
64) Tetrachloroethene	9.269	164	13469	13.090	ug/l	99

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

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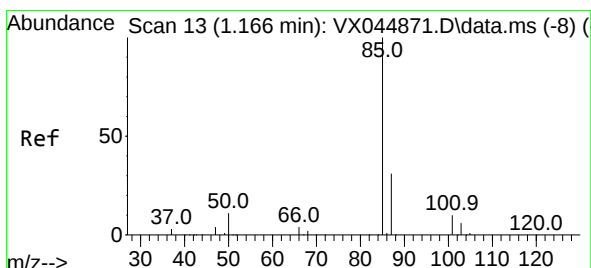
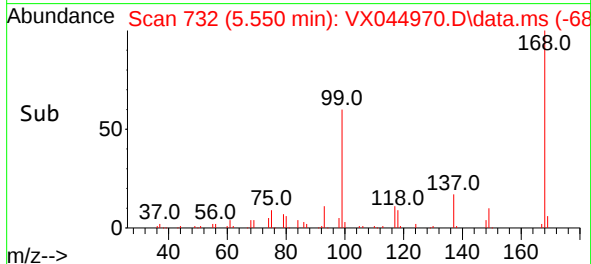
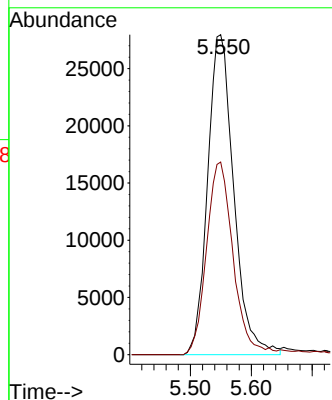
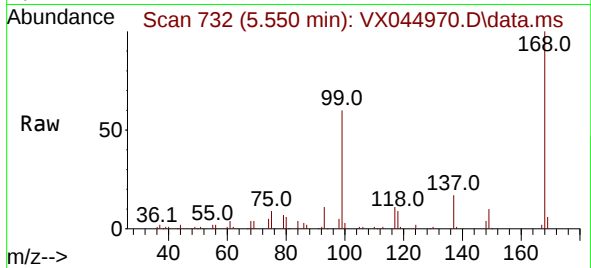




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

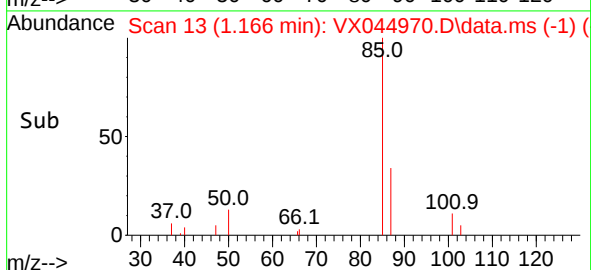
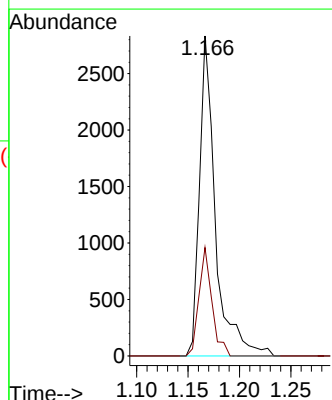
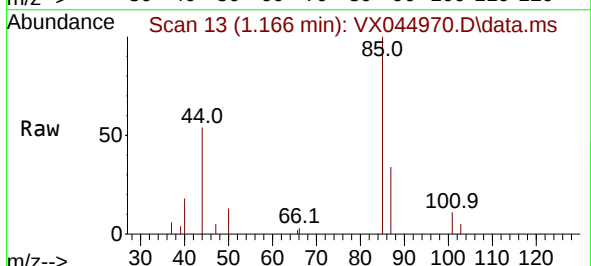
Instrument :
MSVOA_X
ClientSampleId :
MW-33S-FD-021225

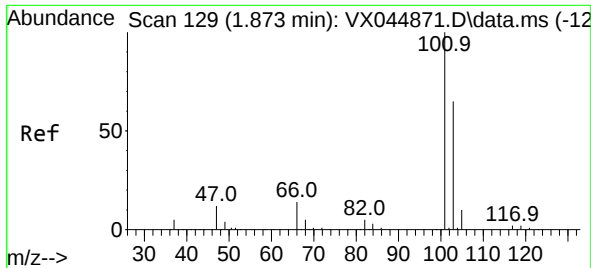
Tgt Ion:168 Resp: 83299
Ion Ratio Lower Upper
168 100
99 60.2 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 2.625 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 85 Resp: 3067
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.3

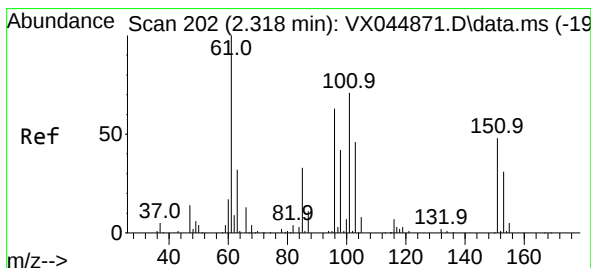
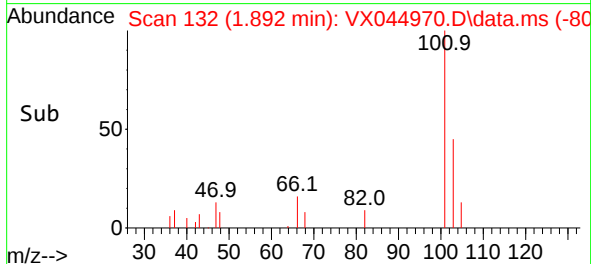
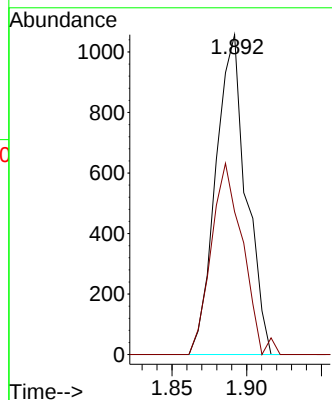
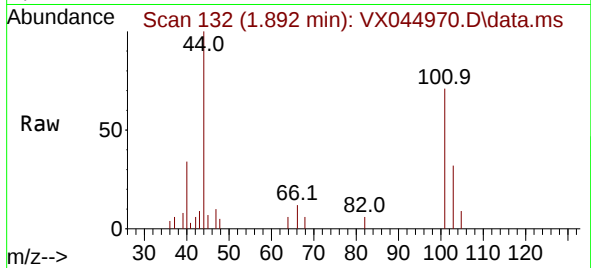




#7
Trichlorofluoromethane
Concen: 0.862 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.019 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

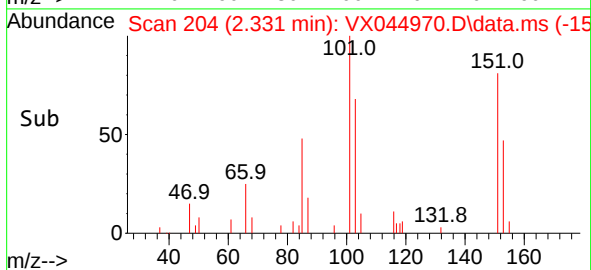
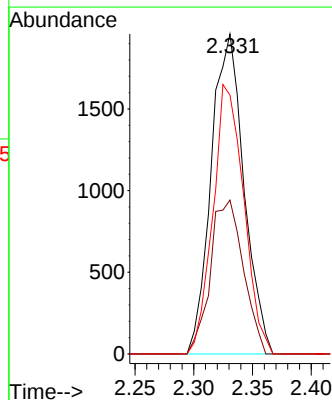
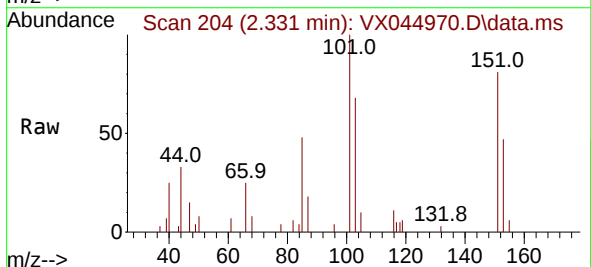
Instrument :
MSVOA_X
ClientSampleId :
MW-33S-FD-021225

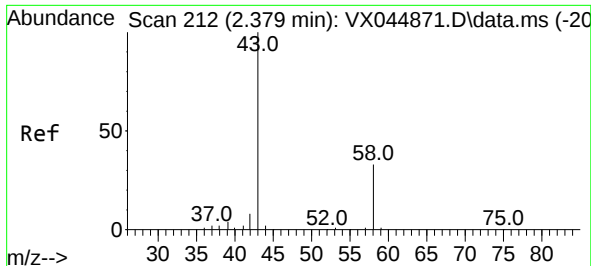
Tgt Ion:101 Resp: 1501
Ion Ratio Lower Upper
101 100
103 44.7 52.4 78.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.605 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion:101 Resp: 3794
Ion Ratio Lower Upper
101 100
85 48.3 35.7 53.5
151 79.3 56.0 84.0





#16

Acetone

Concen: 1.659 ug/l

RT: 2.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044970.D

Acq: 14 Feb 2025 18:34

Instrument :

MSVOA_X

ClientSampleId :

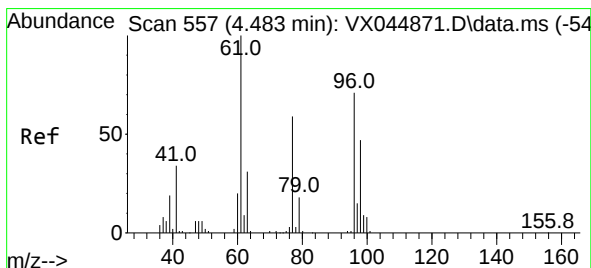
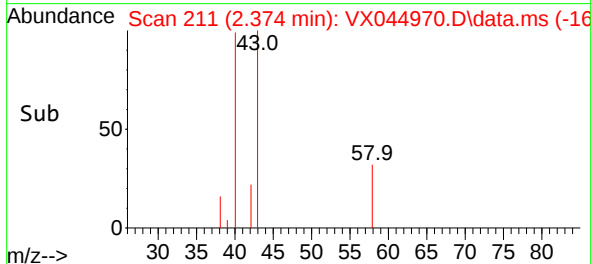
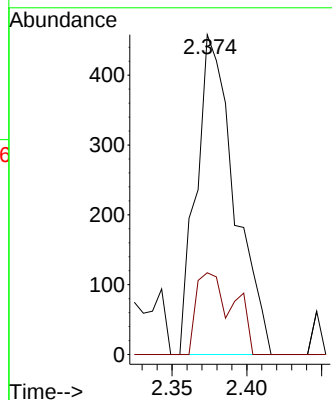
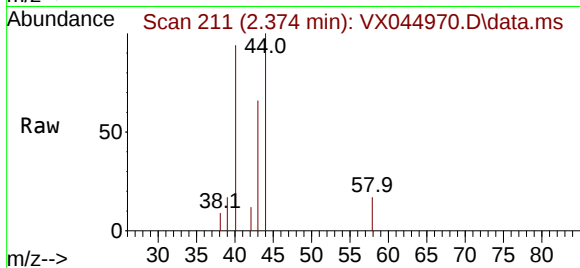
MW-33S-FD-021225

Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 25.5 26.5 39.7#



#27

cis-1,2-Dichloroethene

Concen: 1.313 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.019 min

Lab File: VX044970.D

Acq: 14 Feb 2025 18:34

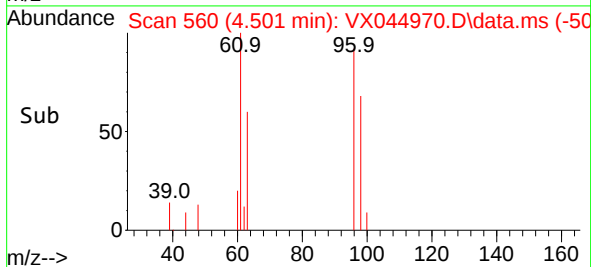
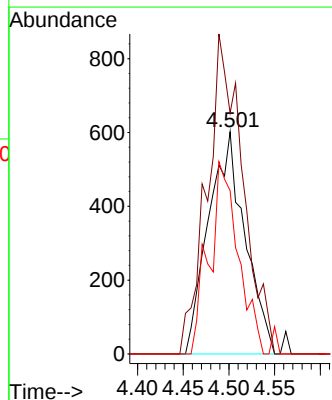
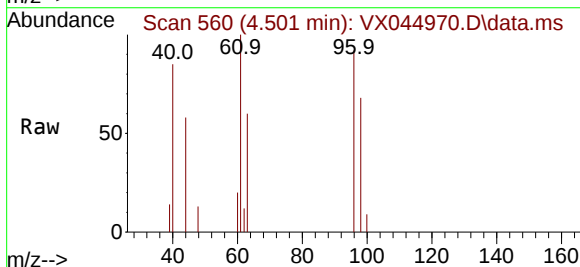
Tgt Ion: 96 Resp: 1667

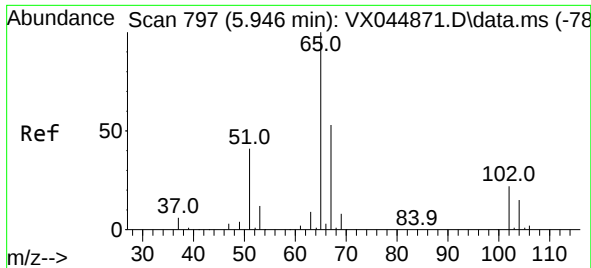
Ion Ratio Lower Upper

96 100

61 140.9 0.0 294.0

98 69.2 0.0 131.2

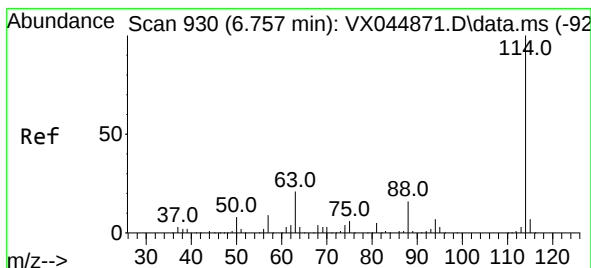
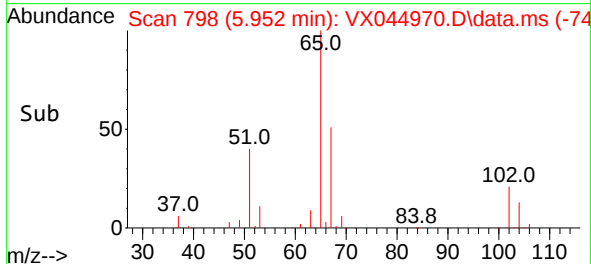
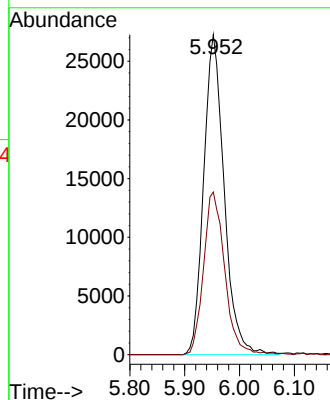
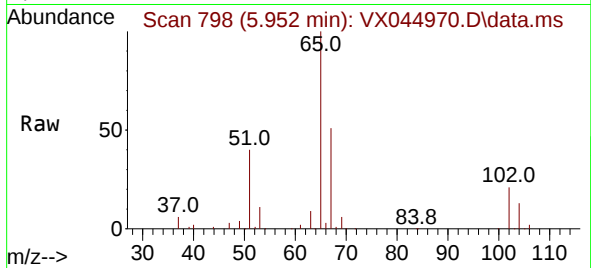




#33
 1,2-Dichloroethane-d4
 Concen: 57.938 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044970.D
 Acq: 14 Feb 2025 18:34

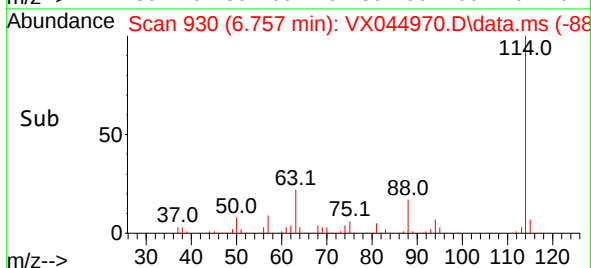
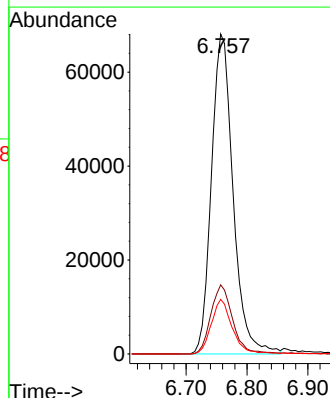
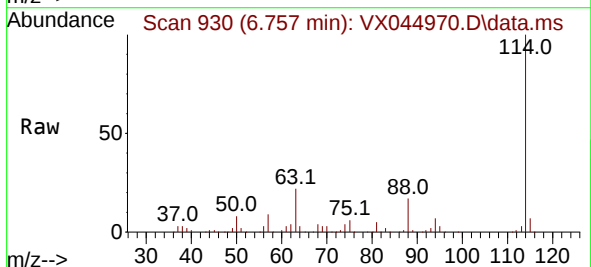
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33S-FD-021225

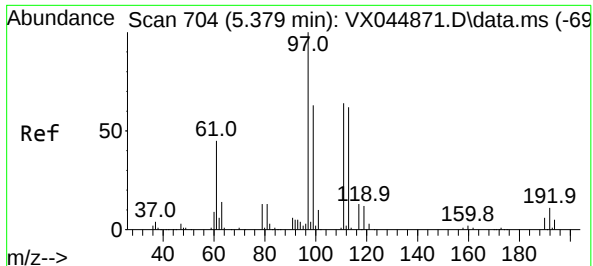
Tgt Ion: 65 Resp: 70646
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044970.D
 Acq: 14 Feb 2025 18:34

Tgt Ion: 114 Resp: 168141
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.364 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044970.D

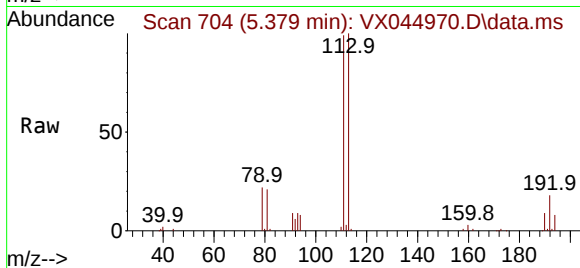
Acq: 14 Feb 2025 18:34

Instrument :

MSVOA_X

ClientSampleId :

MW-33S-FD-021225



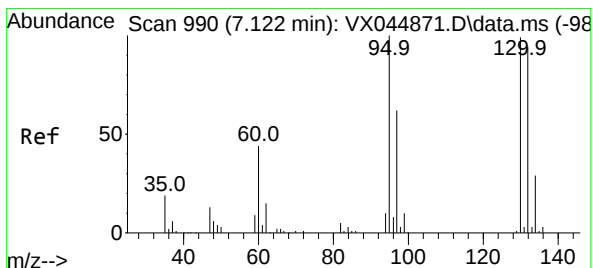
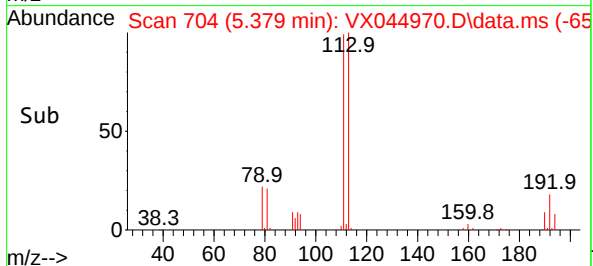
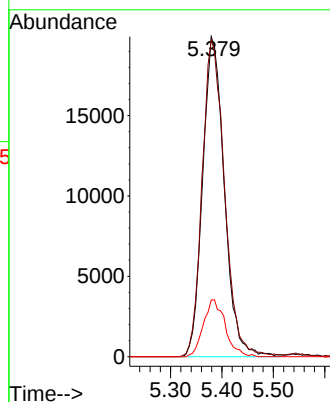
Tgt Ion:113 Resp: 58337

Ion Ratio Lower Upper

113 100

111 102.5 83.5 125.3

192 18.0 14.4 21.6



#44

Trichloroethene

Concen: 1.937 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX044970.D

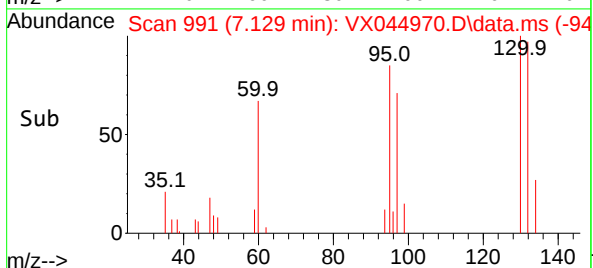
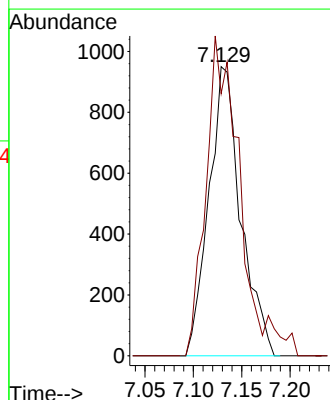
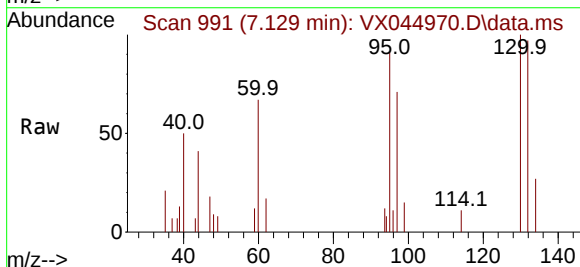
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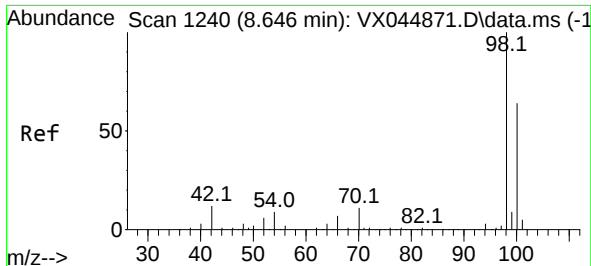
Tgt Ion:130 Resp: 2181

Ion Ratio Lower Upper

130 100

95 90.7 0.0 202.4

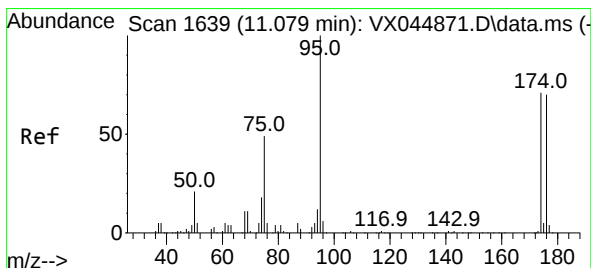
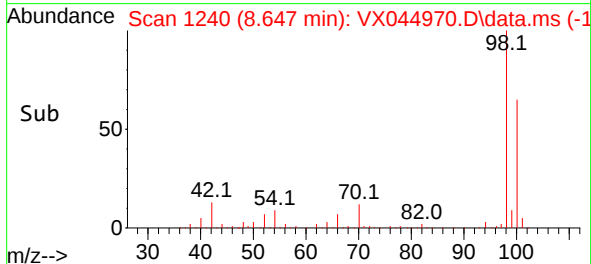
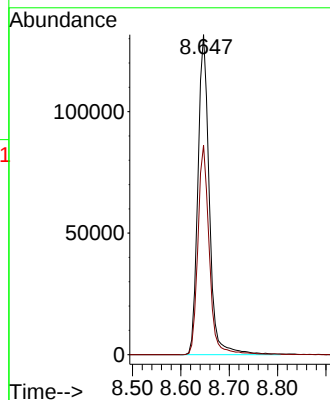
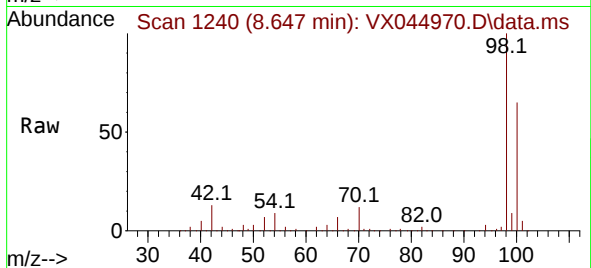




#50
Toluene-d8
Concen: 51.963 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

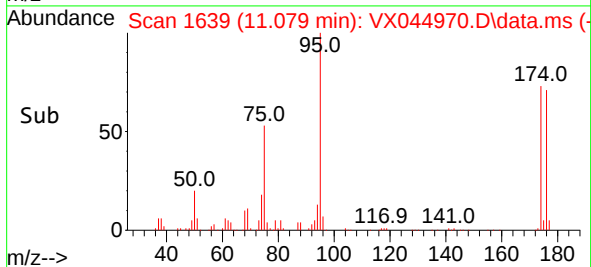
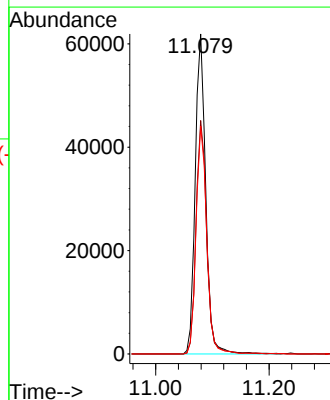
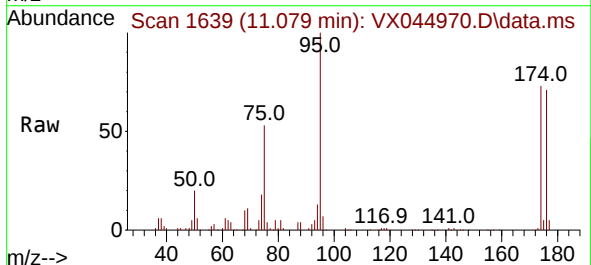
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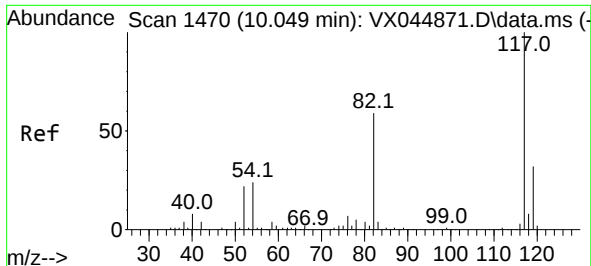
Tgt Ion: 98 Resp: 214805
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 57.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 95 Resp: 79480
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 72.1 0.0 141.6

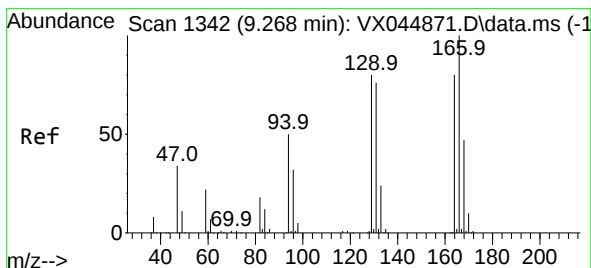
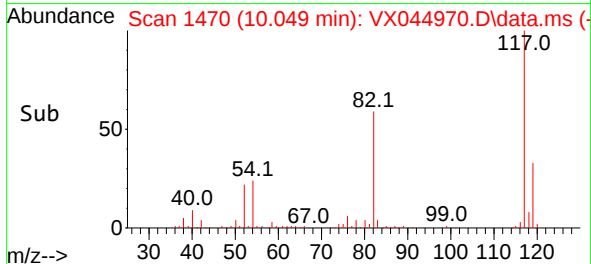
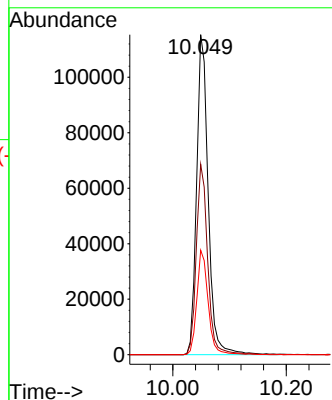
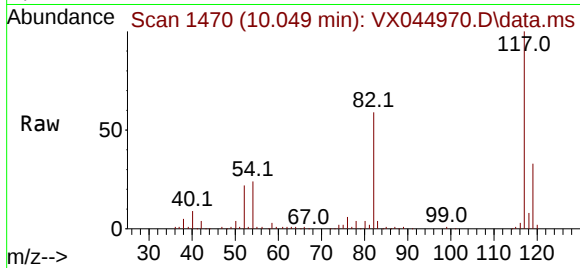




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

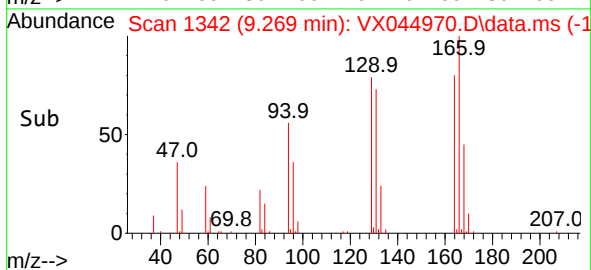
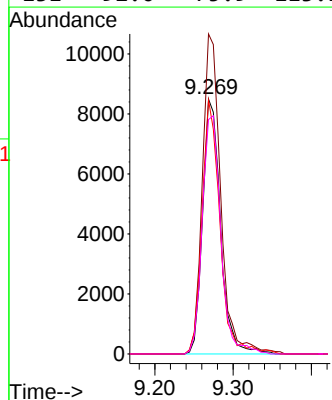
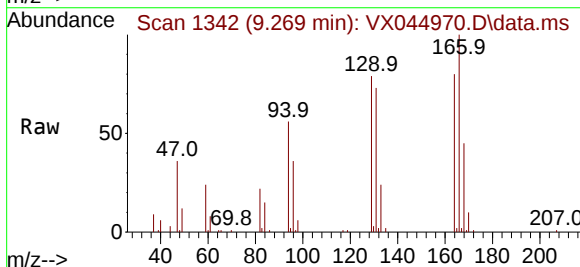
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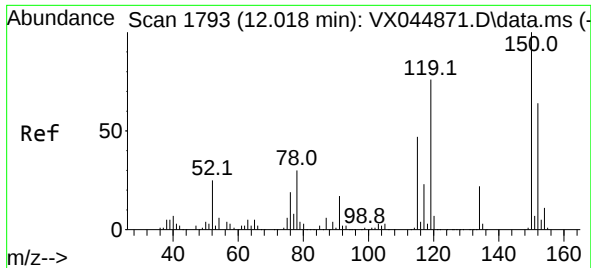
Tgt Ion:117 Resp: 163155
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 13.090 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

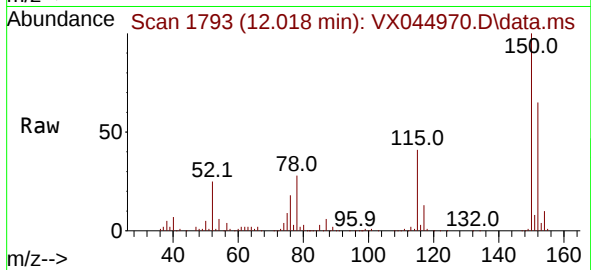
Tgt Ion:164 Resp: 13469
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 99.7 79.9 119.9
131 92.0 75.9 113.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044970.D
 Acq: 14 Feb 2025 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33S-FD-021225



Tgt Ion:152 Resp: 79529
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.4 130.1
 150 157.4 0.0 350.4

