

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044969.D
 Acq On : 14 Feb 2025 18:11
 Operator : JC/MD
 Sample : Q1363-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33S-021225

Quant Time: Feb 14 22:18:25 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)

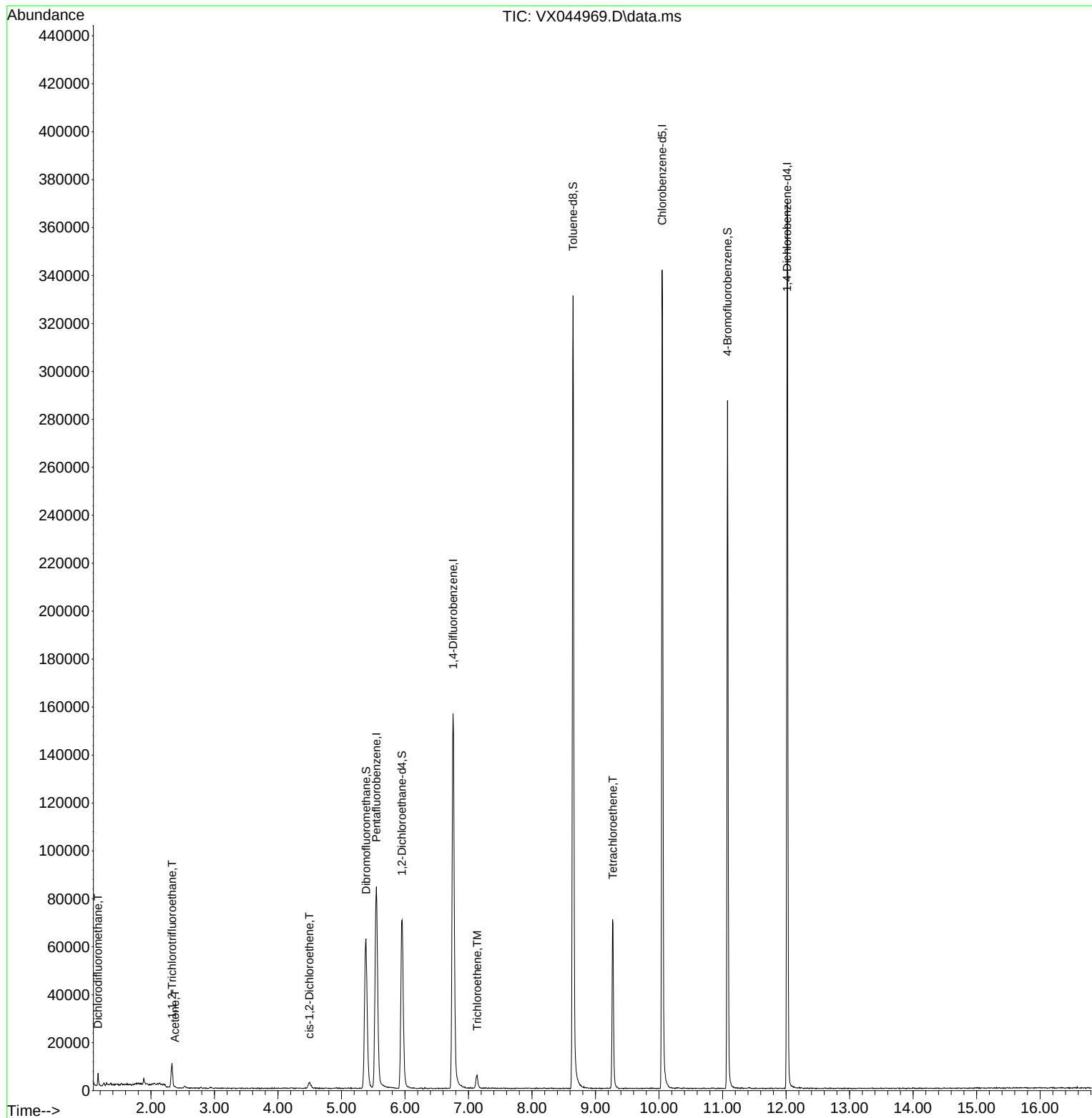
Internal Standards						
1) Pentafluorobenzene	5.550	168	78716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66017	57.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.580%	
35) Dibromofluoromethane	5.385	113	55659	51.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	8.647	98	205576	50.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.079	95	75600	55.234	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3068	2.779	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	4181	4.204	ug/l	94
16) Acetone	2.380	43	891	1.923	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	1560	1.301	ug/l	93
44) Trichloroethene	7.135	130	2289	2.070	ug/l	60
64) Tetrachloroethene	9.275	164	13114	13.351	ug/l	93

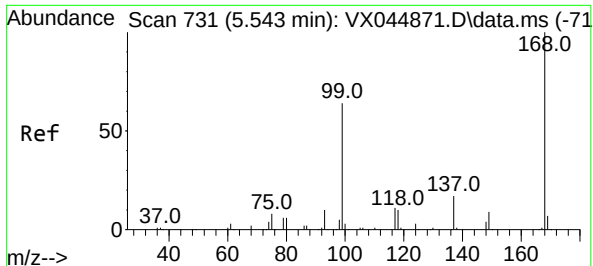
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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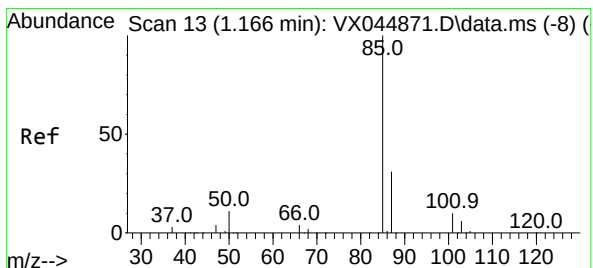
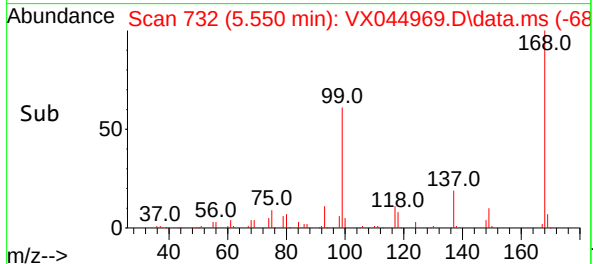
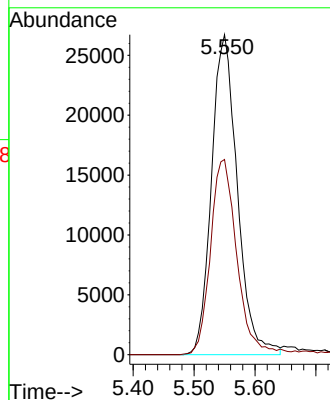
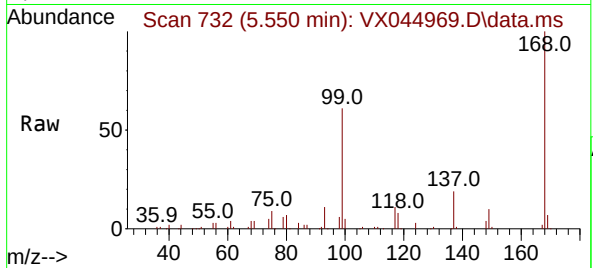




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

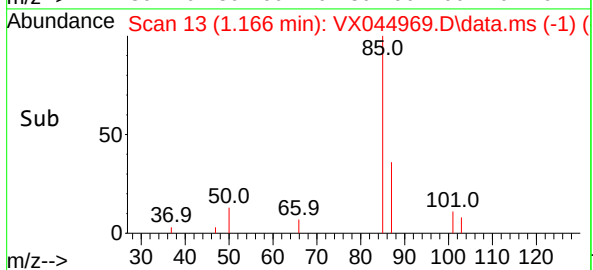
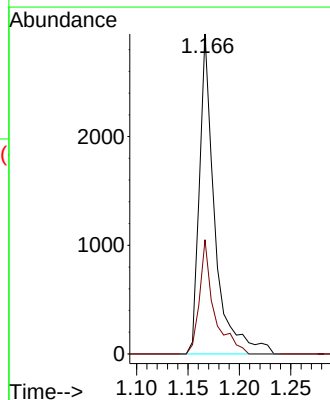
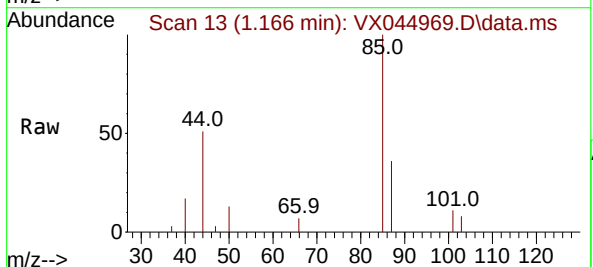
Instrument :
MSVOA_X
ClientSampleId :
MW-33S-021225

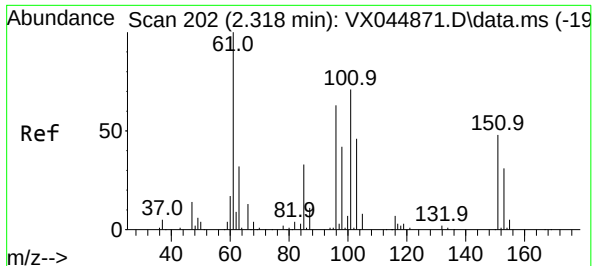
Tgt Ion:168 Resp: 78716
Ion Ratio Lower Upper
168 100
99 61.0 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 2.779 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

Tgt Ion: 85 Resp: 3068
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.3

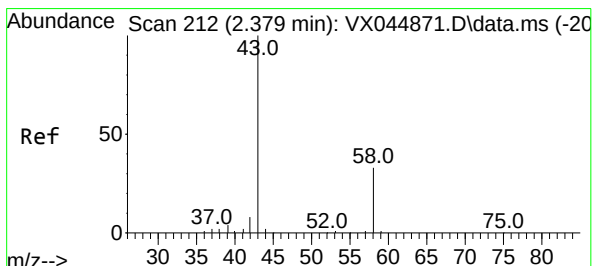
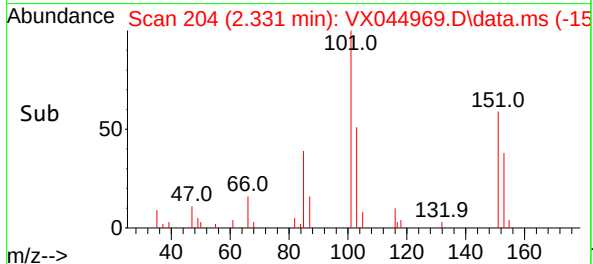
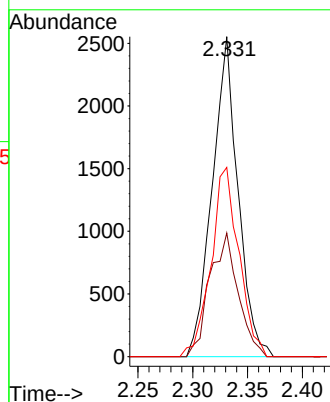
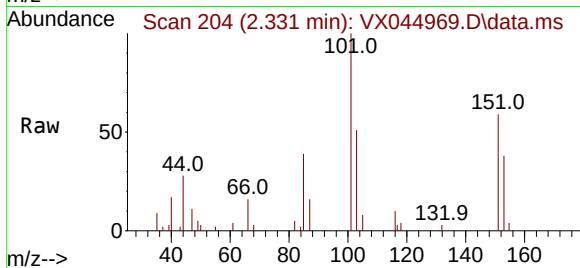




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.204 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

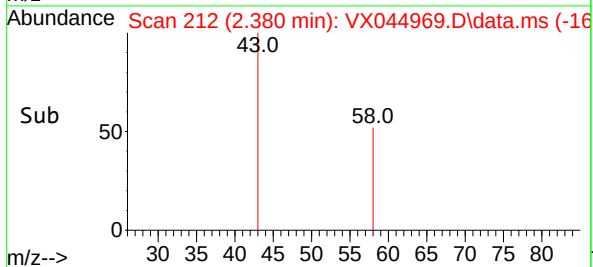
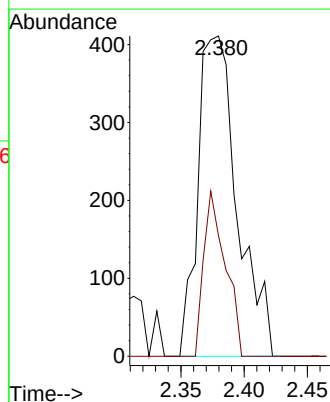
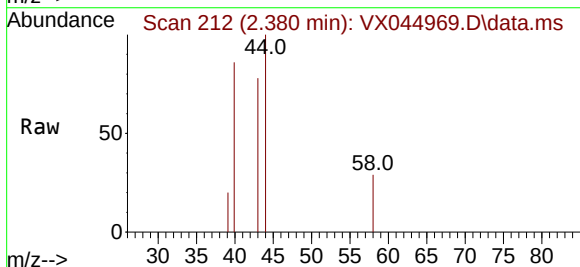
Instrument :
MSVOA_X
ClientSampleId :
MW-33S-021225

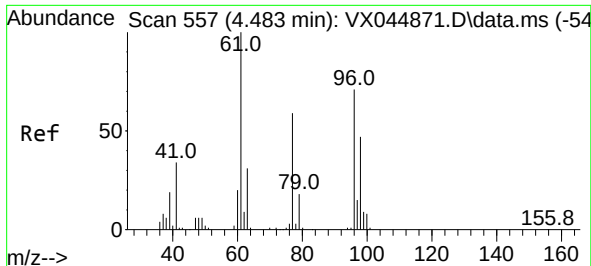
Tgt Ion:101 Resp: 4181
Ion Ratio Lower Upper
101 100
85 42.5 35.7 53.5
151 63.9 56.0 84.0



#16
Acetone
Concen: 1.923 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 37.7 26.5 39.7





#27

cis-1,2-Dichloroethene

Concen: 1.301 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX044969.D

Acq: 14 Feb 2025 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-33S-021225

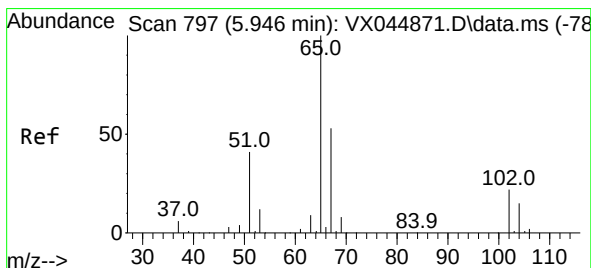
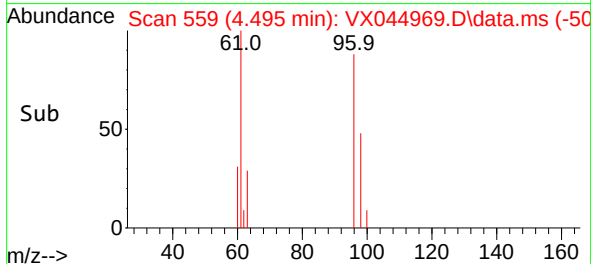
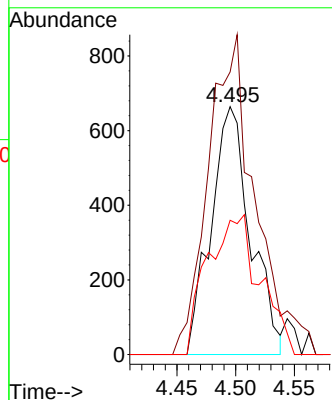
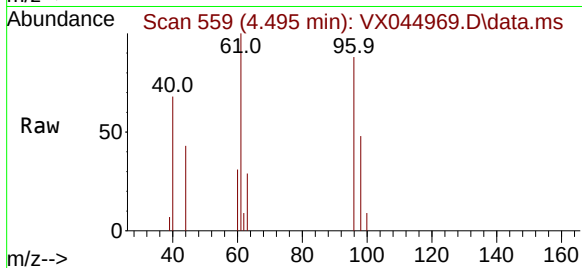
Tgt Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 152.9 0.0 294.0

98 74.6 0.0 131.2



#33

1,2-Dichloroethane-d4

Concen: 57.293 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044969.D

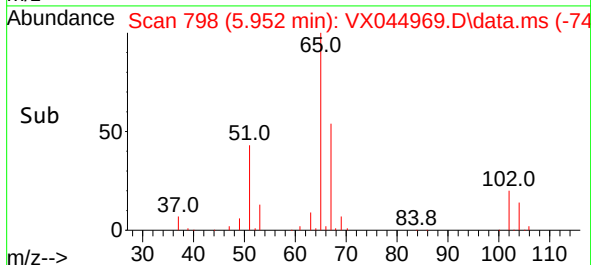
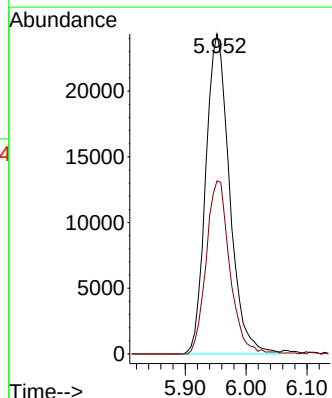
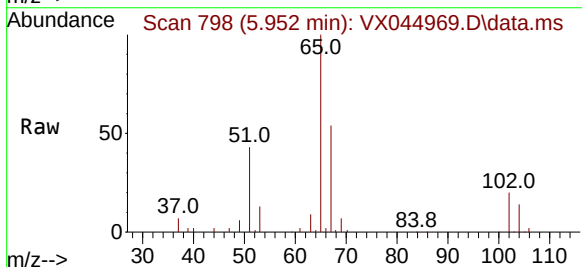
Acq: 14 Feb 2025 18:11

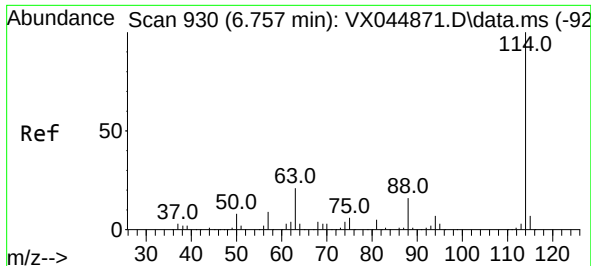
Tgt Ion: 65 Resp: 66017

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.2

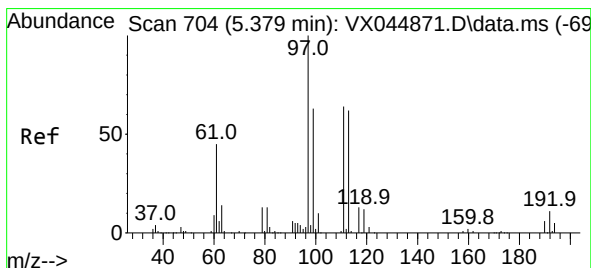
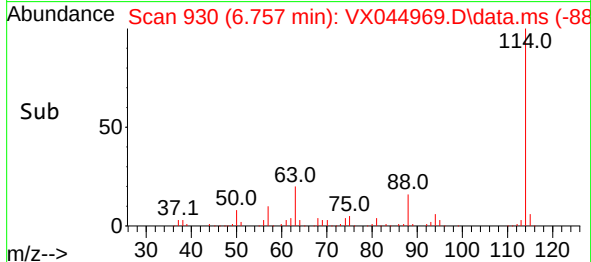
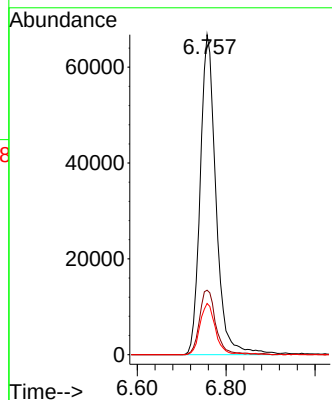
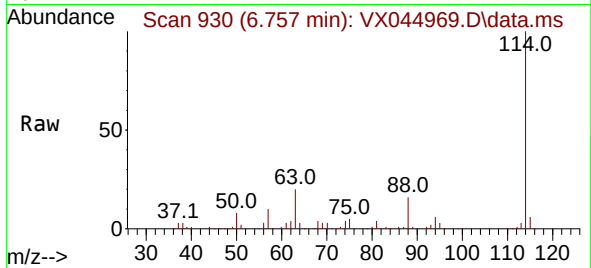




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044969.D
 Acq: 14 Feb 2025 18:11

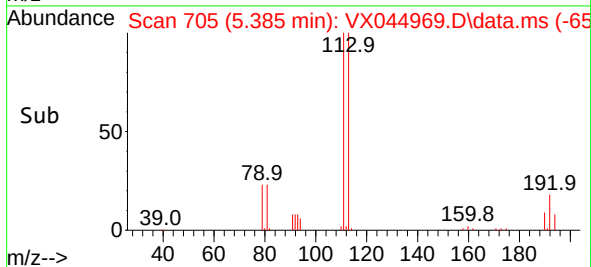
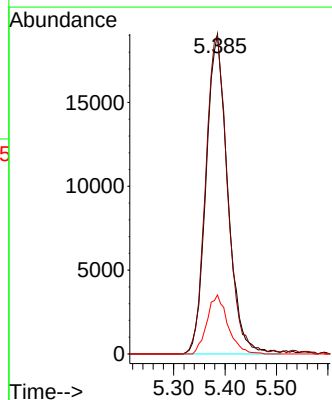
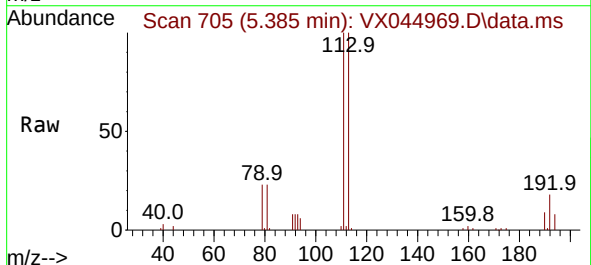
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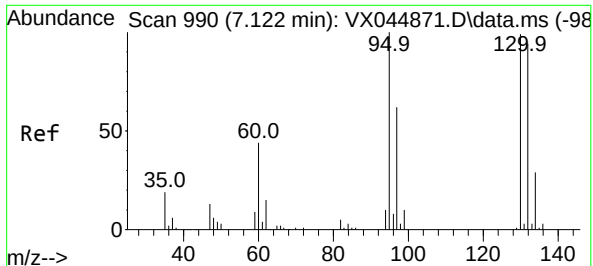
Tgt Ion:114 Resp: 165139
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 16.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 51.840 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX044969.D
 Acq: 14 Feb 2025 18:11

Tgt Ion:113 Resp: 55659
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.5 125.3
 192 17.8 14.4 21.6





#44

Trichloroethene

Concen: 2.070 ug/l

RT: 7.135 min Scan# 990

Delta R.T. 0.013 min

Lab File: VX044969.D

Acq: 14 Feb 2025 18:11

Instrument :

MSVOA_X

ClientSampleId :

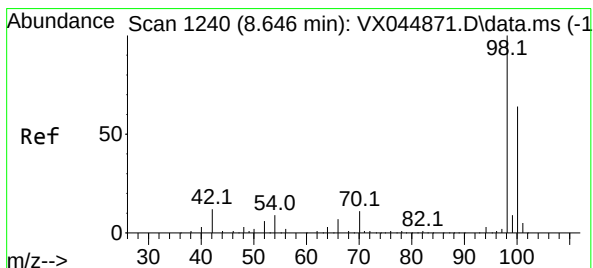
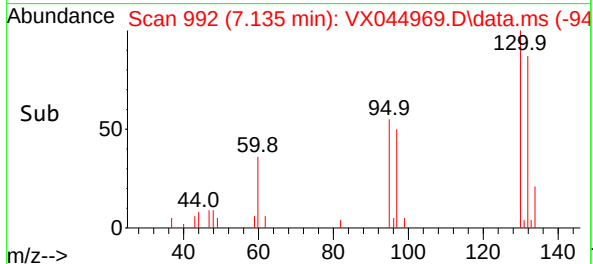
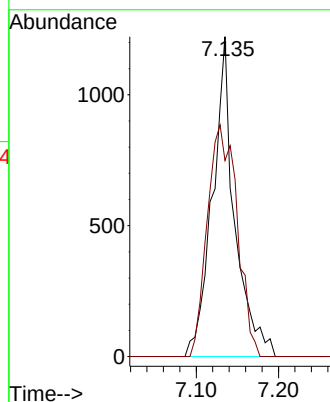
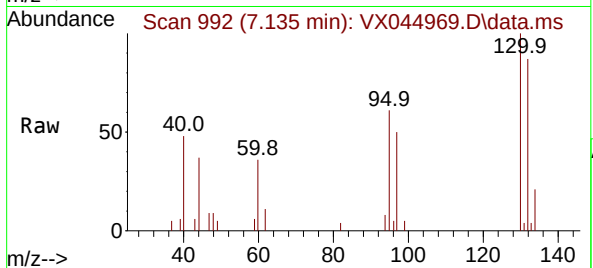
MW-33S-021225

Tgt Ion:130 Resp: 2289

Ion Ratio Lower Upper

130 100

95 61.3 0.0 202.4



#50

Toluene-d8

Concen: 50.634 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044969.D

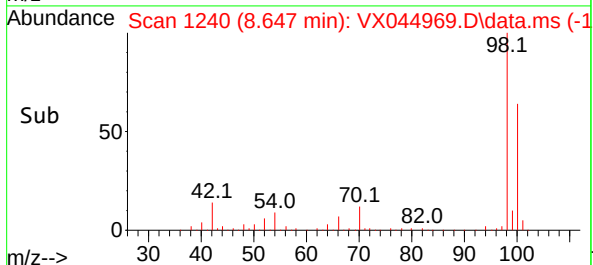
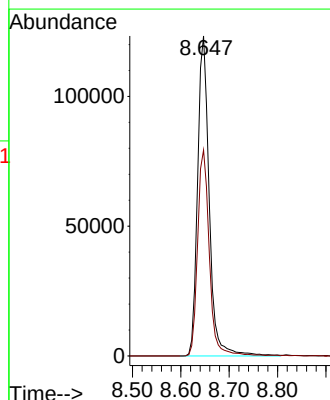
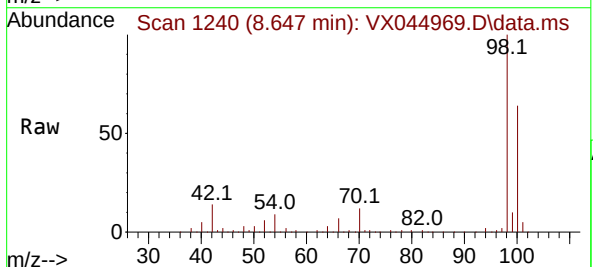
Acq: 14 Feb 2025 18:11

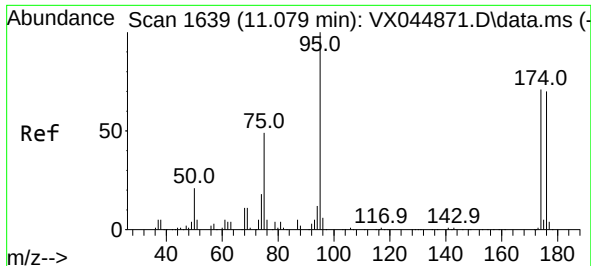
Tgt Ion: 98 Resp: 205576

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1

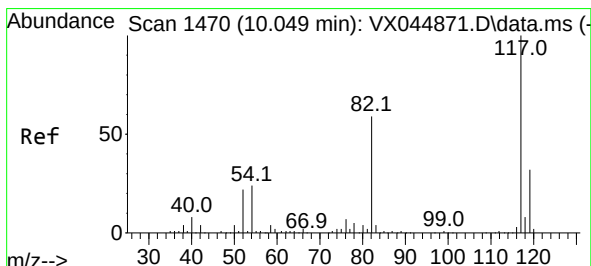
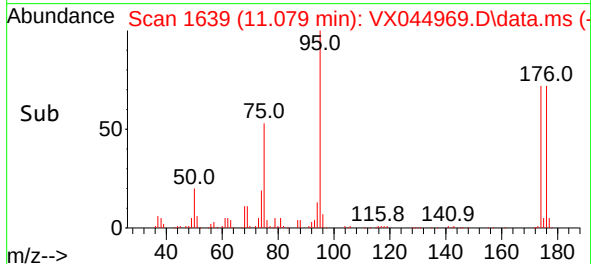
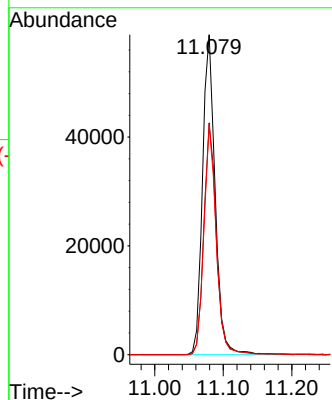
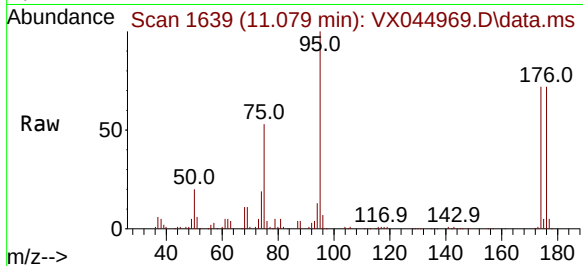




#62
4-Bromofluorobenzene
Concen: 55.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

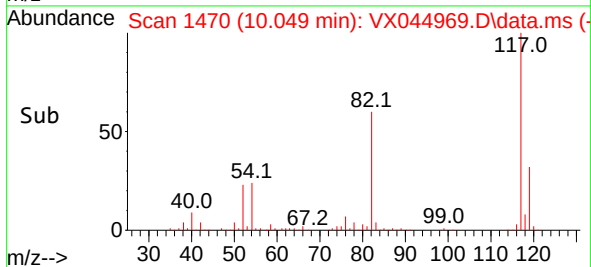
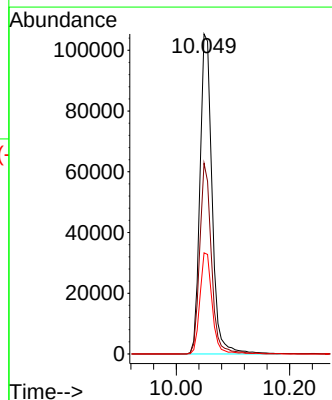
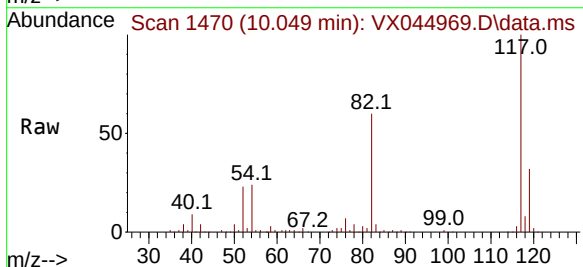
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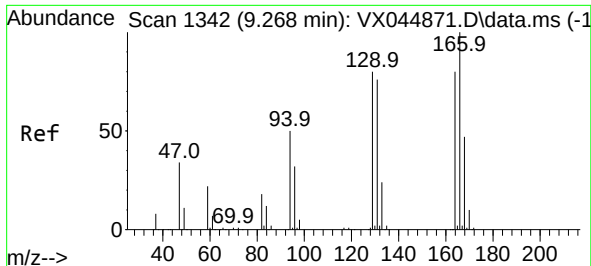
Tgt Ion: 95 Resp: 75600
Ion Ratio Lower Upper
95 100
174 71.6 0.0 142.6
176 69.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

Tgt Ion: 117 Resp: 155752
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.6 25.4 38.0

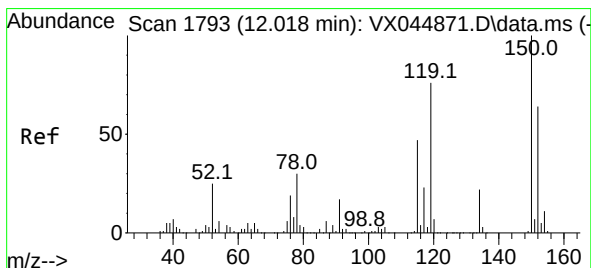
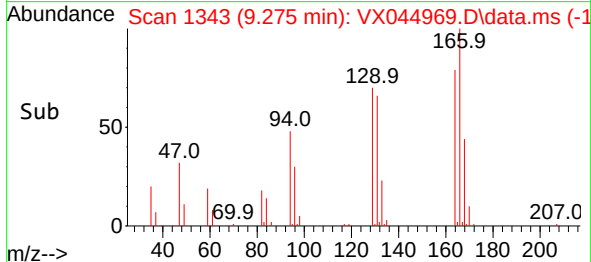
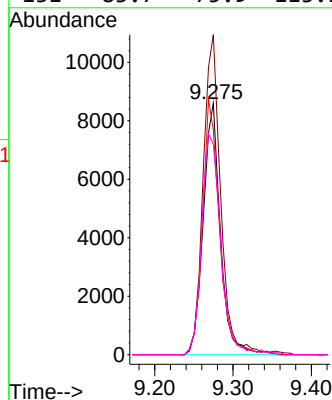
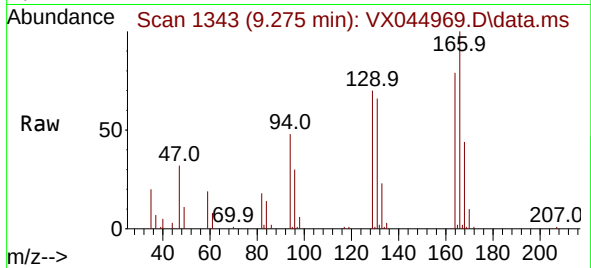




#64
Tetrachloroethene
Concen: 13.351 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044969.D
Acq: 14 Feb 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-33S-021225

Tgt Ion:164	Resp:	13114
Ion	Ratio	Lower Upper
164	100	
166	127.3	100.4 150.6
129	89.5	79.9 119.9
131	83.7	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: VX044969.D
Acq: 14 Feb 2025 18:11

Tgt Ion:152	Resp:	72129
Ion	Ratio	Lower Upper
152	100	
115	61.8	43.4 130.1
150	157.5	0.0 350.4

