

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044968.D
 Acq On : 14 Feb 2025 17:48
 Operator : JC/MD
 Sample : Q1363-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VFCC-3-021225

Quant Time: Feb 14 22:18:00 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)

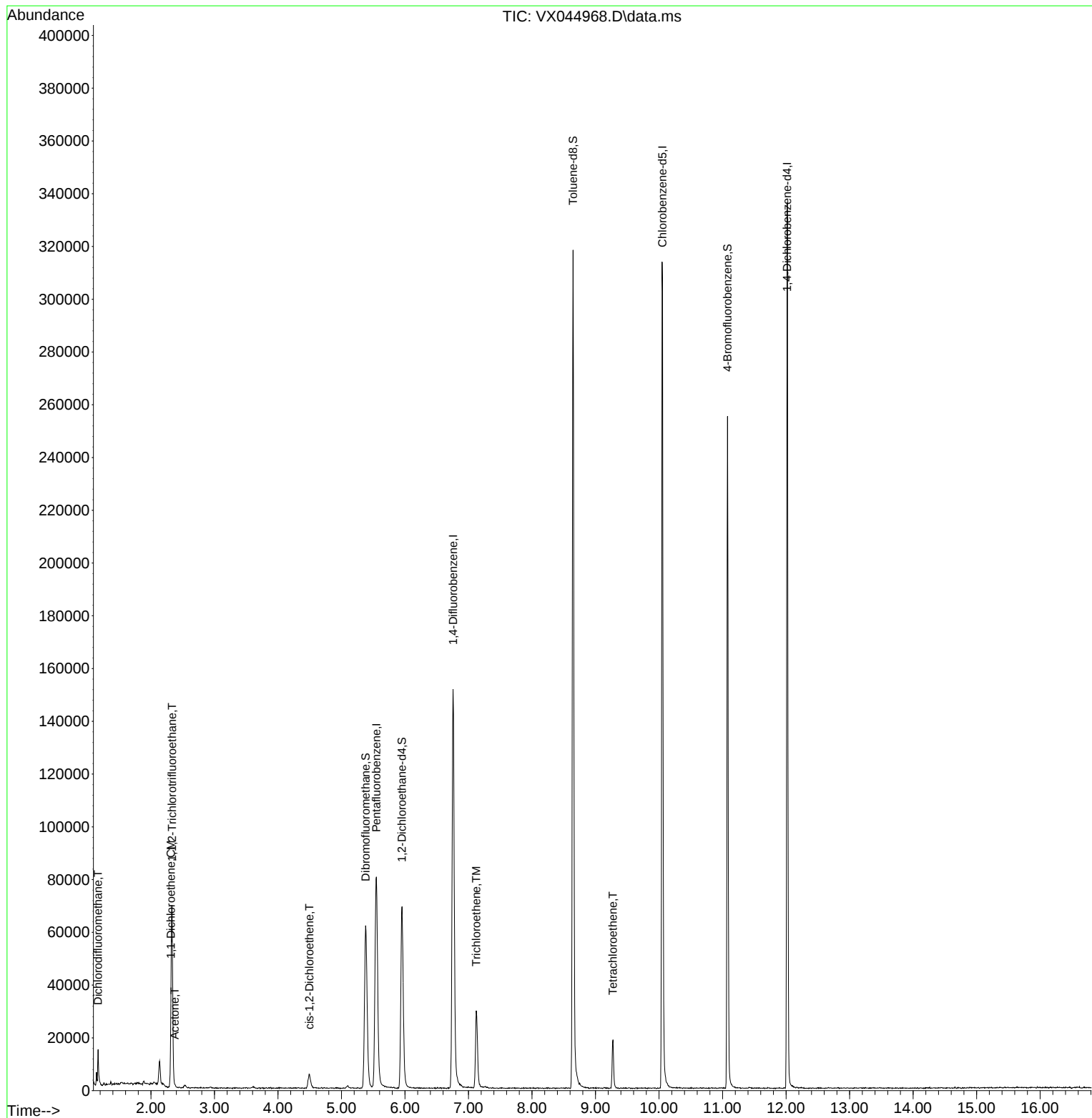
Internal Standards						
1) Pentafluorobenzene	5.550	168	77144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64740	57.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.660%	
35) Dibromofluoromethane	5.379	113	52935	52.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.400%	
50) Toluene-d8	8.647	98	192989	50.325	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	11.079	95	68282	52.817	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7767	7.179	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25906	26.577	ug/l	96
12) 1,1-Dichloroethene	2.313	96	1208	1.215	ug/l #	78
16) Acetone	2.374	43	912	2.009	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3466	2.949	ug/l	93
44) Trichloroethene	7.123	130	11545	11.055	ug/l	94
64) Tetrachloroethene	9.275	164	3586	3.948	ug/l	91

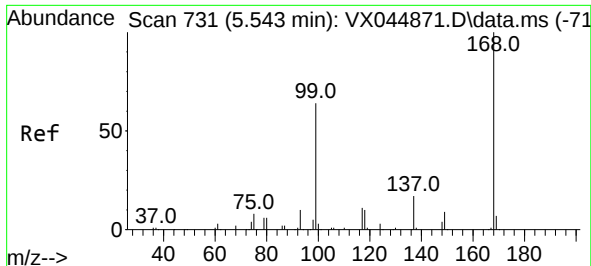
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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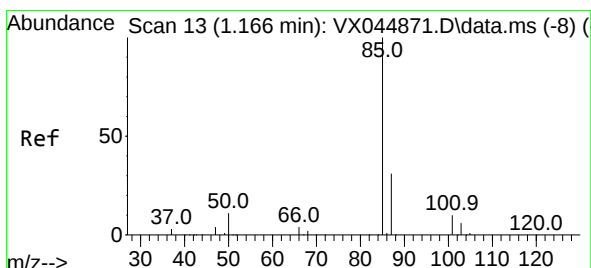
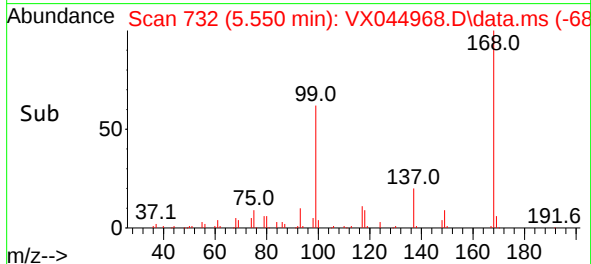
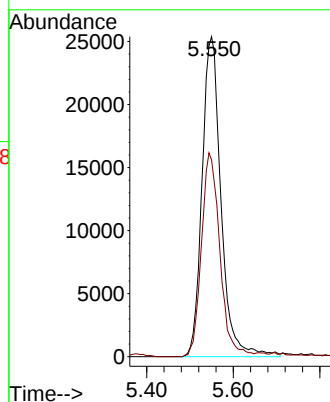
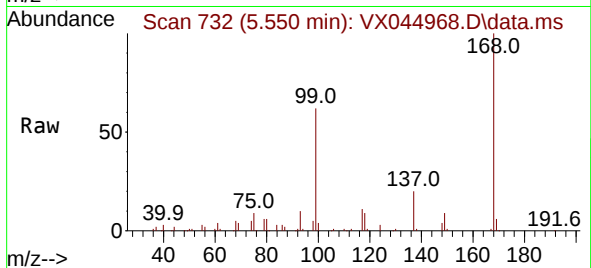




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

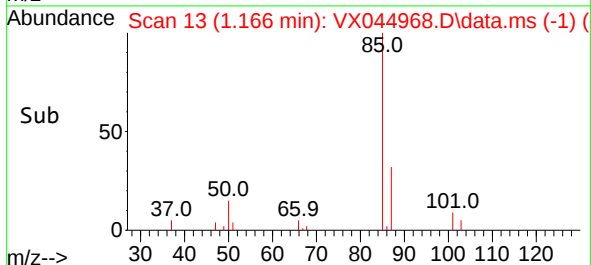
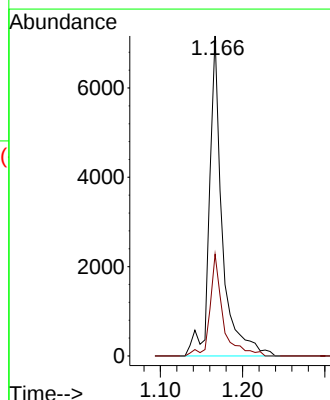
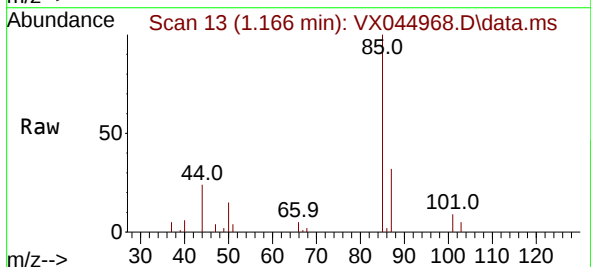
Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

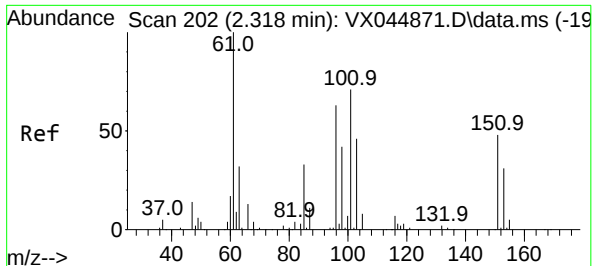
Tgt Ion:168 Resp: 77144
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 7.179 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 85 Resp: 7767
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.3

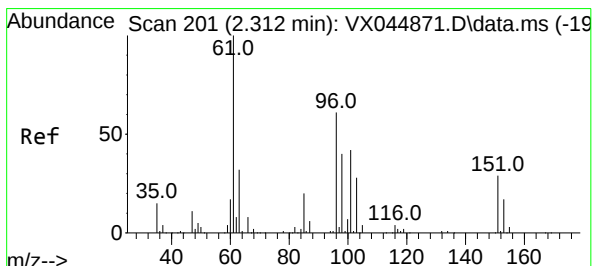
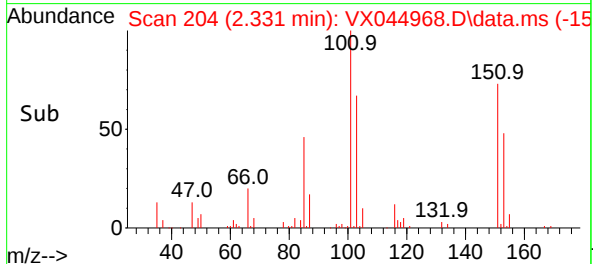
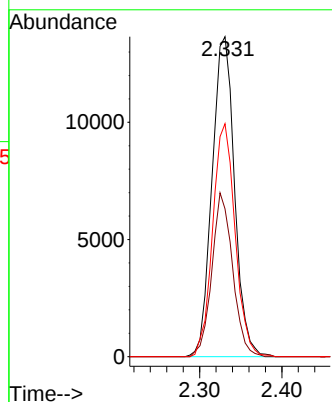
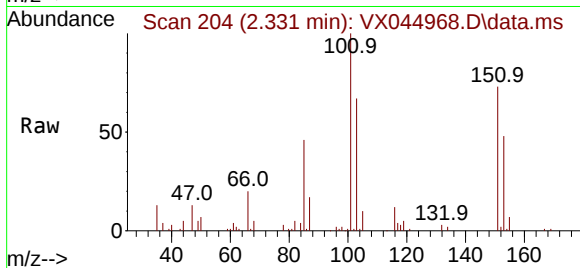




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.577 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

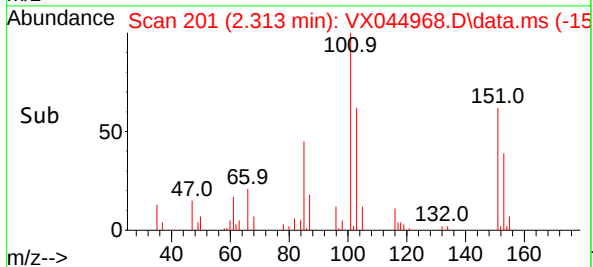
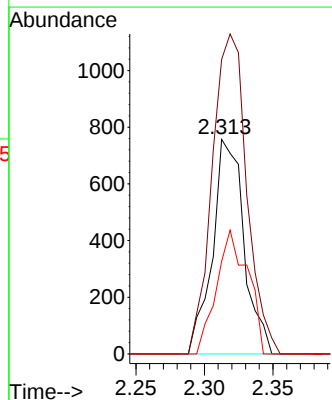
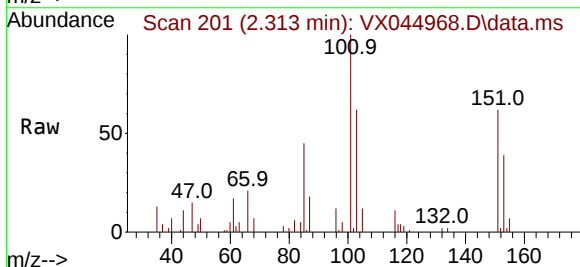
Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

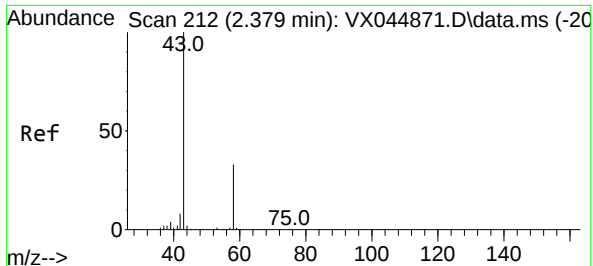
Tgt Ion:101 Resp: 25906
Ion Ratio Lower Upper
101 100
85 47.4 35.7 53.5
151 72.7 56.0 84.0



#12
1,1-Dichloroethene
Concen: 1.215 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 96 Resp: 1208
Ion Ratio Lower Upper
96 100
61 137.3 130.2 195.4
98 43.2 52.2 78.4#

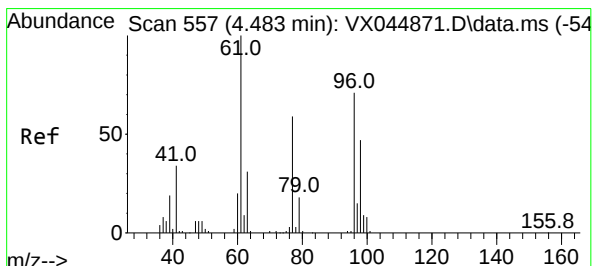
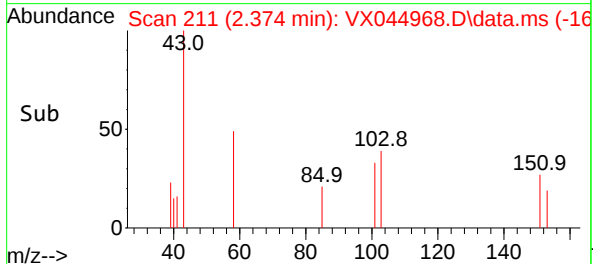
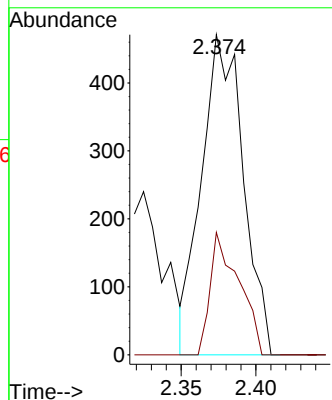
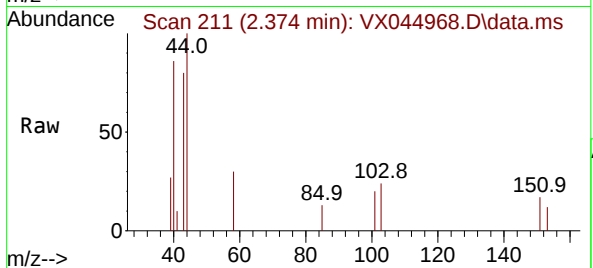




#16
Acetone
Concen: 2.009 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

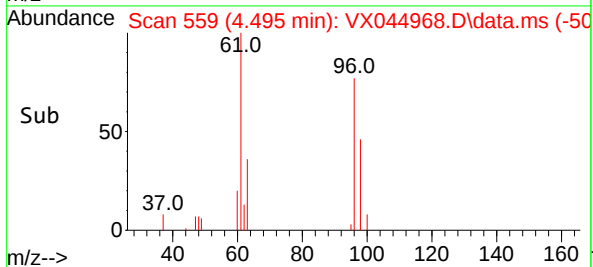
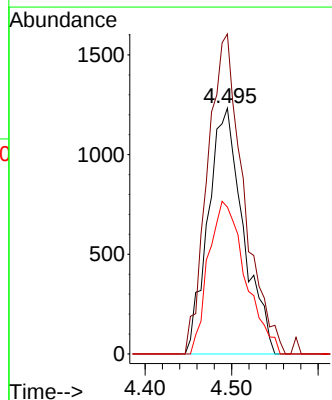
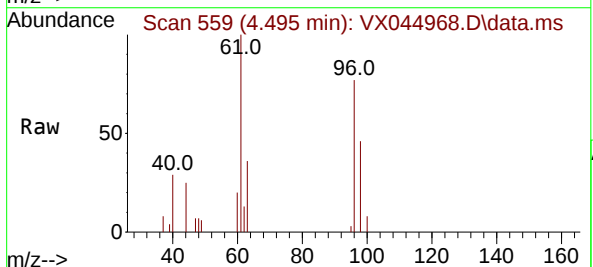
Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

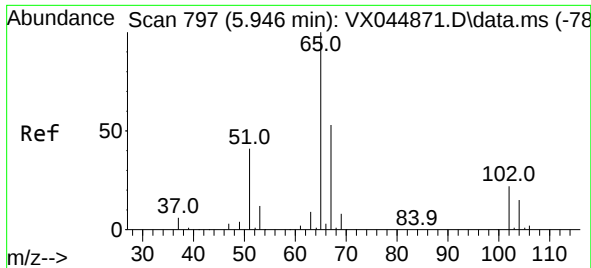
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 38.2 26.5 39.7



#27
cis-1,2-Dichloroethene
Concen: 2.949 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.013 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 96 Resp: 3466
Ion Ratio Lower Upper
96 100
61 133.9 0.0 294.0
98 65.5 0.0 131.2

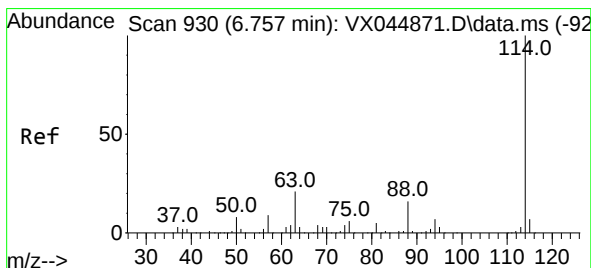
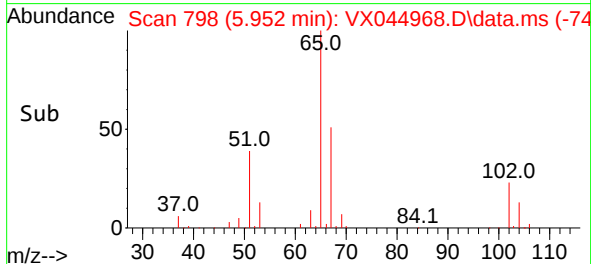
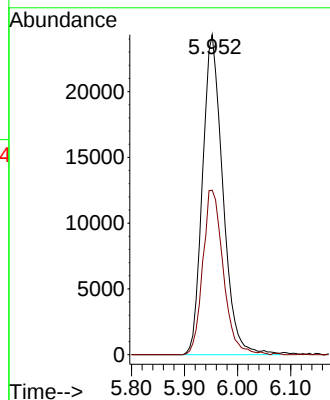
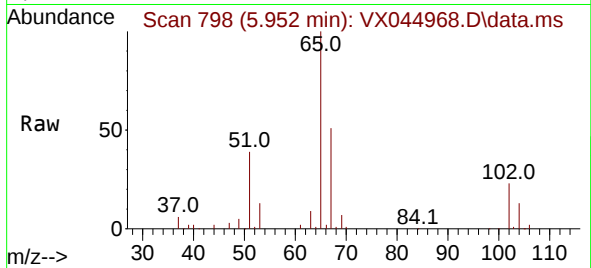




#33
 1,2-Dichloroethane-d4
 Concen: 57.330 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044968.D
 Acq: 14 Feb 2025 17:48

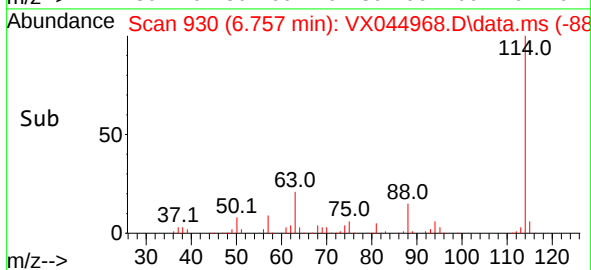
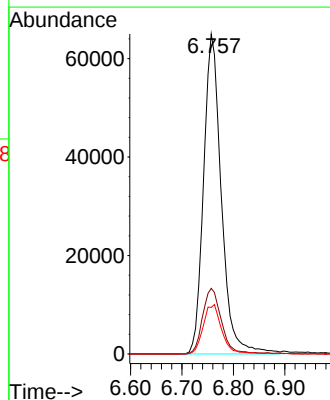
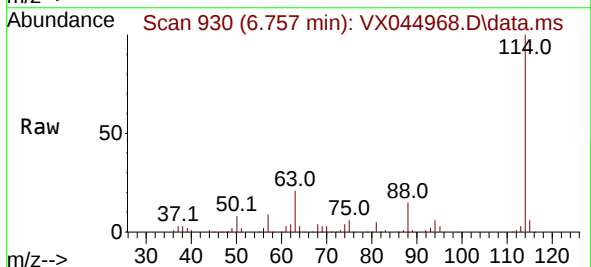
Instrument :
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 ClientSampleId :
 VFCC-3-021225

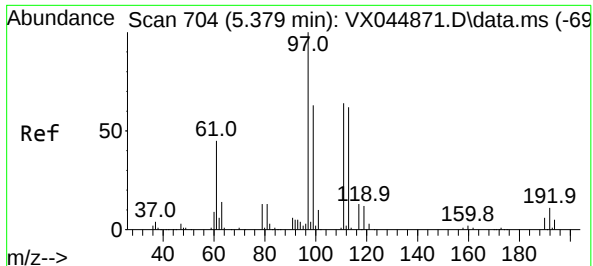
Tgt Ion: 65 Resp: 64740
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044968.D
 Acq: 14 Feb 2025 17:48

Tgt Ion: 114 Resp: 155981
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044968.D

Acq: 14 Feb 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VFCC-3-021225

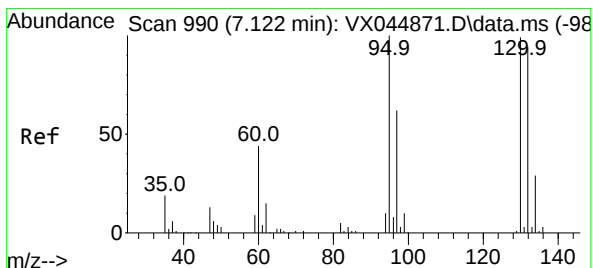
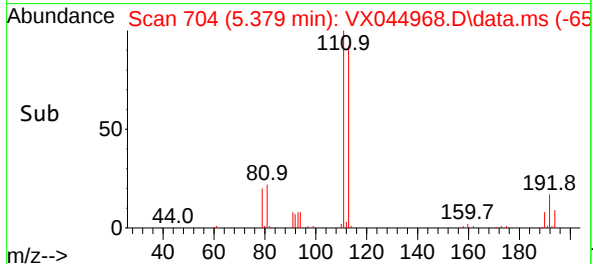
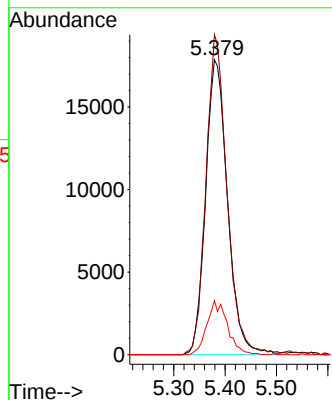
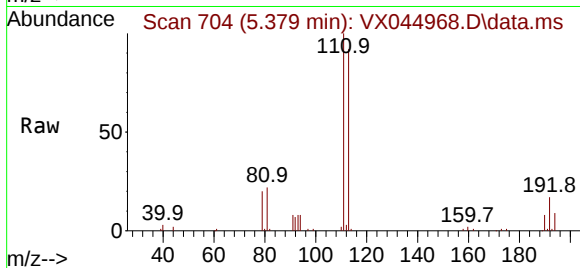
Tgt Ion:113 Resp: 52935

Ion Ratio Lower Upper

113 100

111 104.0 83.5 125.3

192 17.2 14.4 21.6



#44

Trichloroethene

Concen: 11.055 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX044968.D

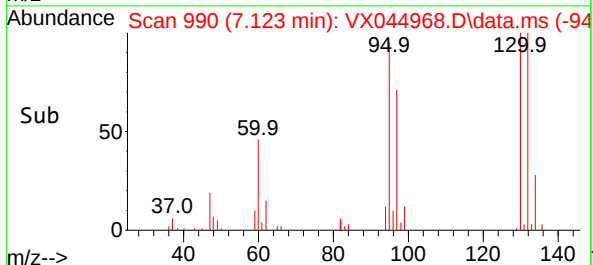
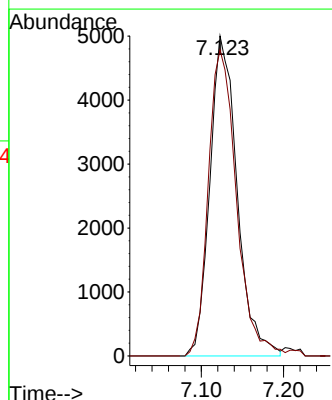
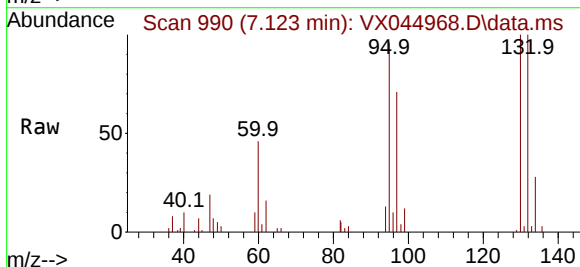
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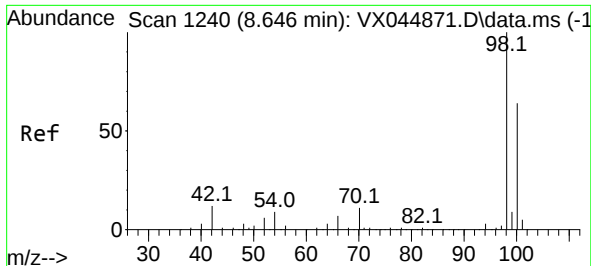
Tgt Ion:130 Resp: 11545

Ion Ratio Lower Upper

130 100

95 95.6 0.0 202.4

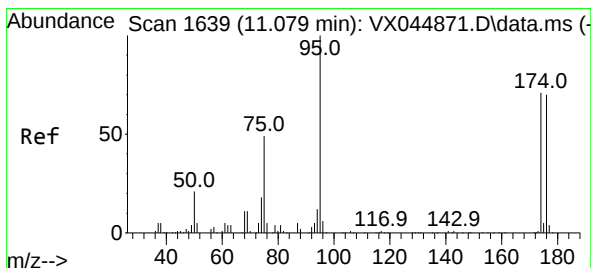
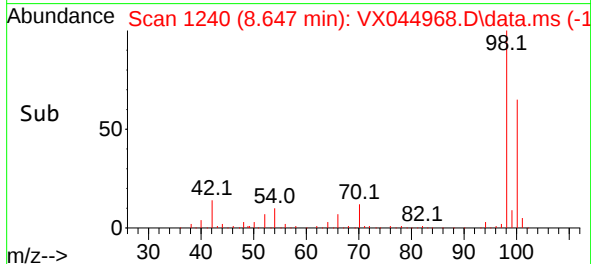
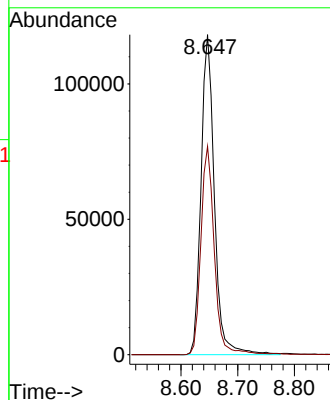
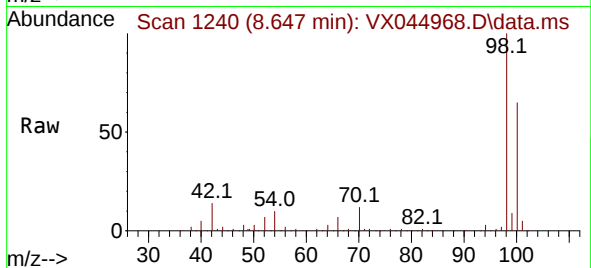




#50
Toluene-d8
Concen: 50.325 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

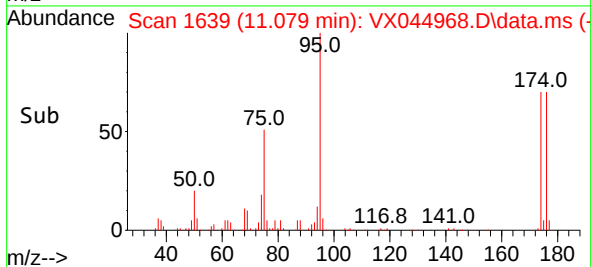
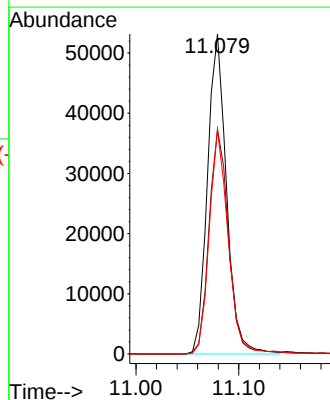
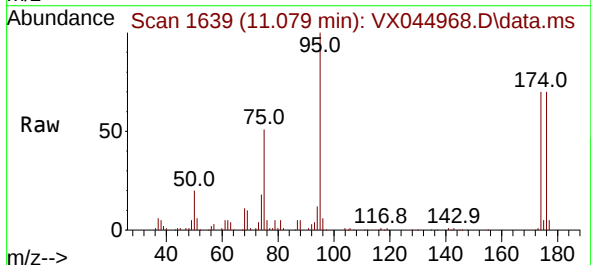
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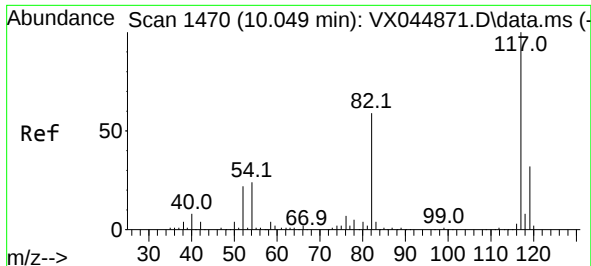
Tgt Ion: 98 Resp: 192989
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 95 Resp: 68282
Ion Ratio Lower Upper
95 100
174 72.5 0.0 142.6
176 69.5 0.0 141.6

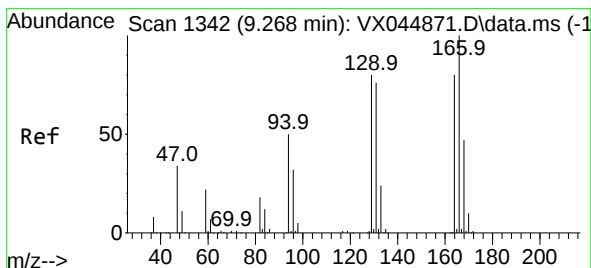
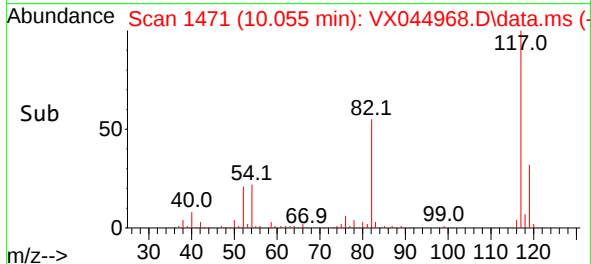
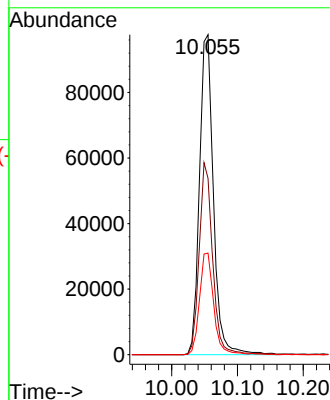
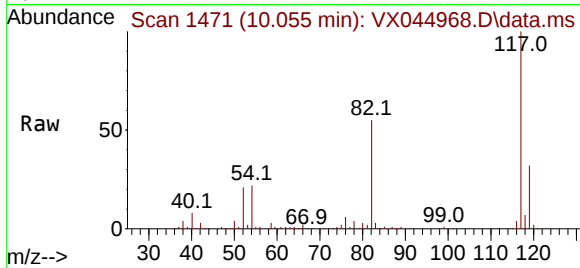




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

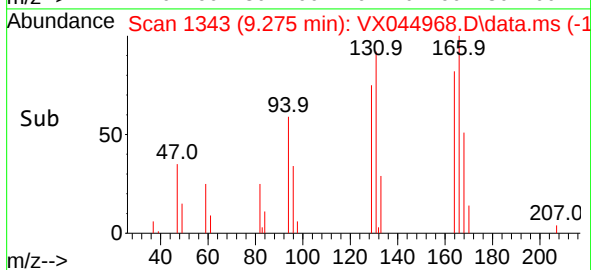
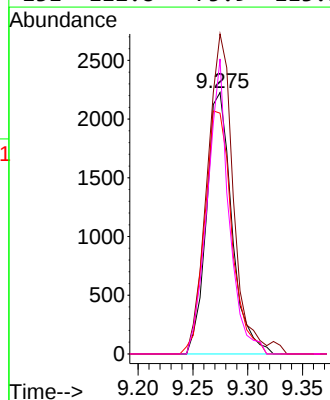
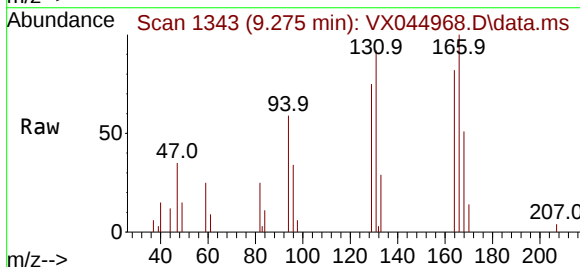
Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

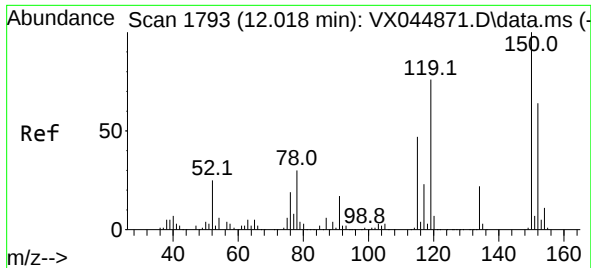
Tgt Ion:117 Resp: 144021
Ion Ratio Lower Upper
117 100
82 55.1 47.5 71.3
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 3.948 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion:164 Resp: 3586
Ion Ratio Lower Upper
164 100
166 122.4 100.4 150.6
129 92.1 79.9 119.9
131 112.8 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: VX044968.D
 Acq: 14 Feb 2025 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VFCC-3-021225

Tgt Ion:152 Resp: 65055
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.4 130.1
 150 155.4 0.0 350.4

