

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045414.D
 Acq On : 24 Mar 2025 14:54
 Operator : JC/MD
 Sample : Q1608-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20250318

Quant Time: Mar 25 01:34:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

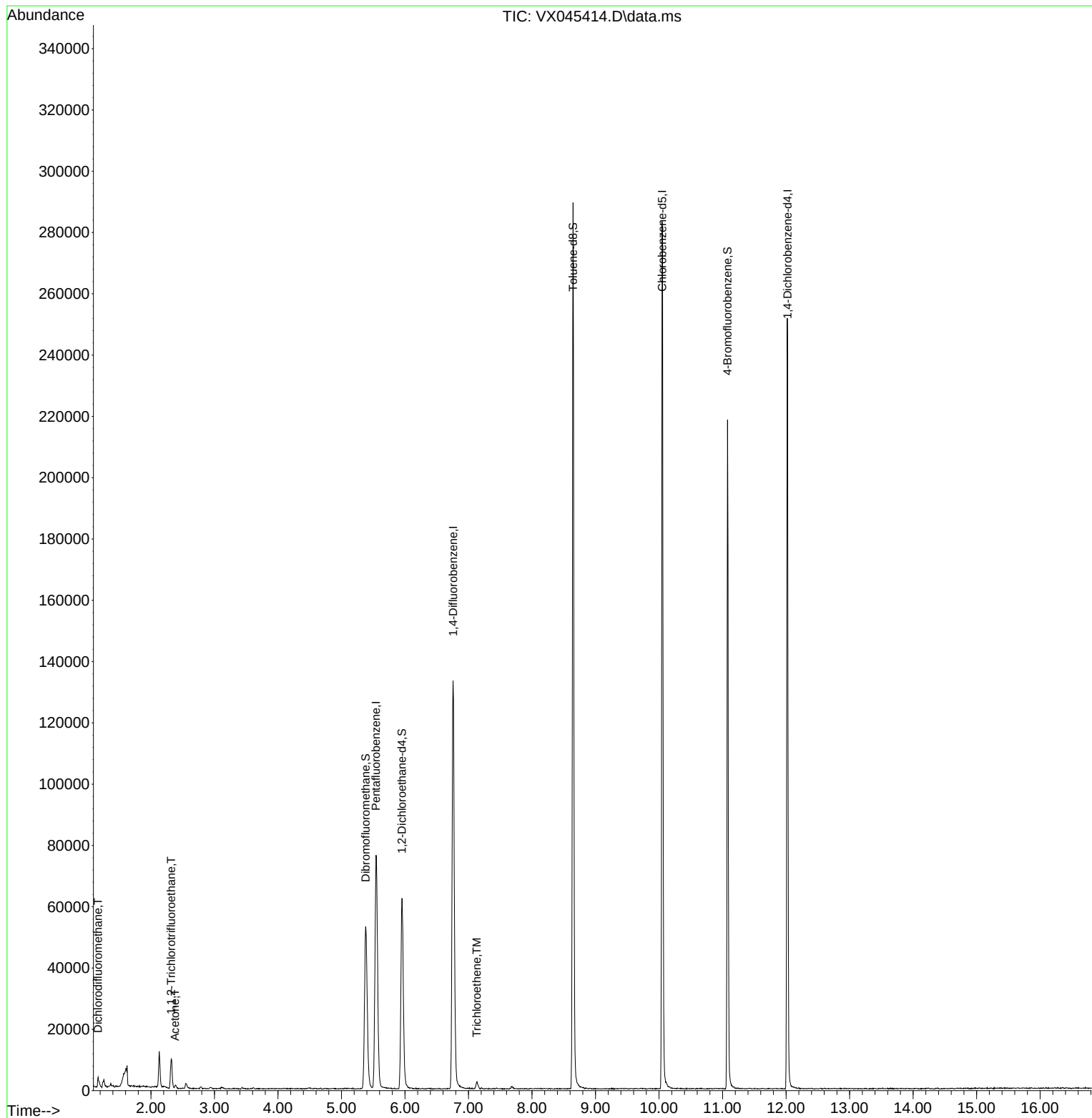
Internal Standards						
1) Pentafluorobenzene	5.544	168	66901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61019	57.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.680%	
35) Dibromofluoromethane	5.379	113	46462	53.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.560%	
50) Toluene-d8	8.647	98	159947	50.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	11.079	95	56165	53.618	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1624	1.928	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	3818	4.910	ug/l	96
16) Acetone	2.380	43	879	1.780	ug/l	92
44) Trichloroethene	7.129	130	1028	1.159	ug/l	62

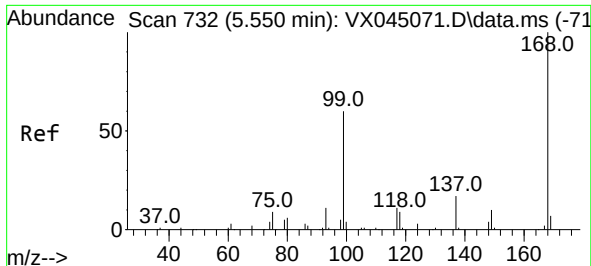
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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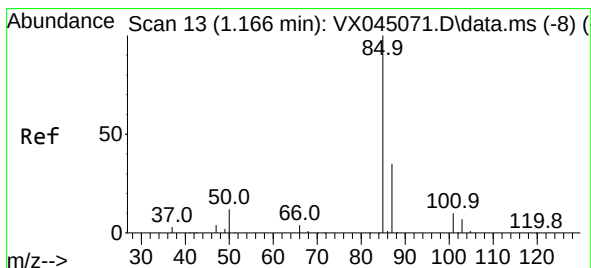
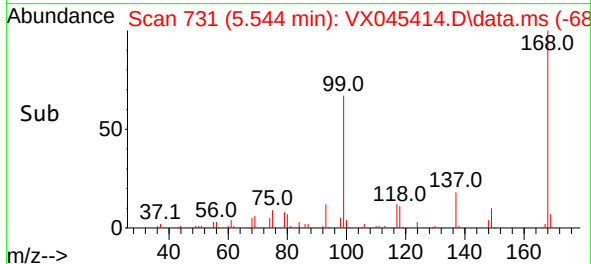
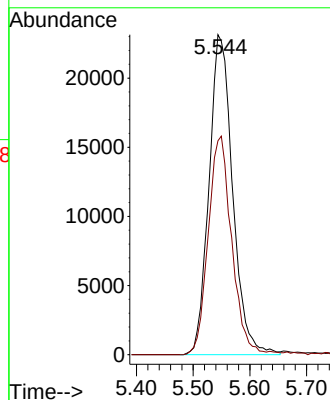
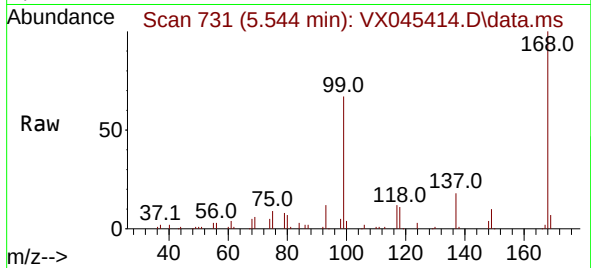




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

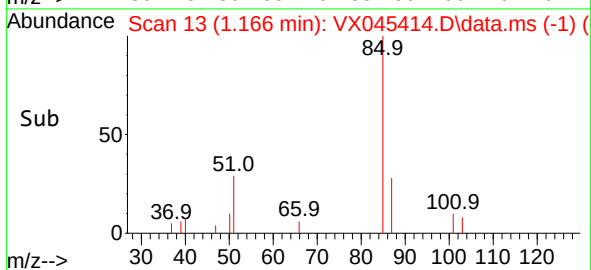
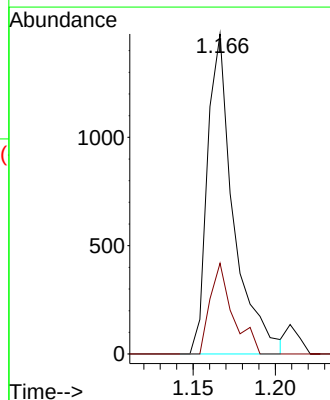
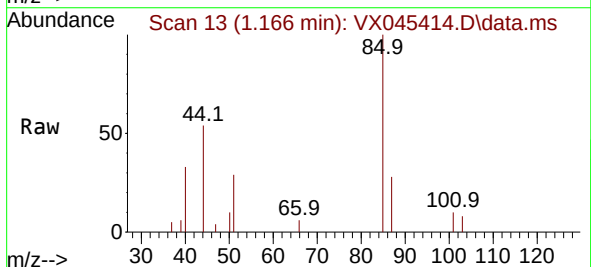
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250318

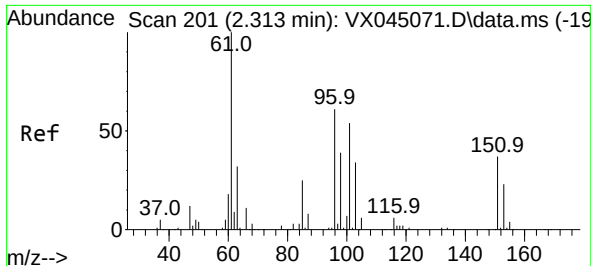
Tgt Ion:168 Resp: 66901
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.928 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

Tgt Ion: 85 Resp: 1624
Ion Ratio Lower Upper
85 100
87 28.4 17.4 52.3

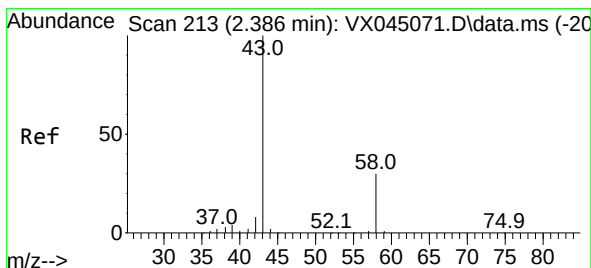
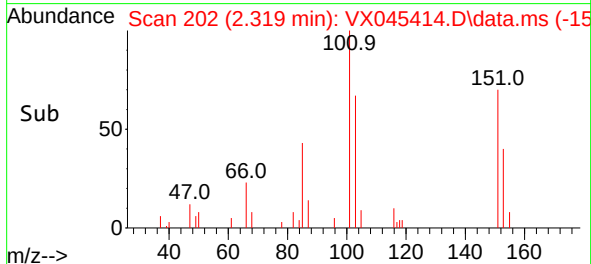
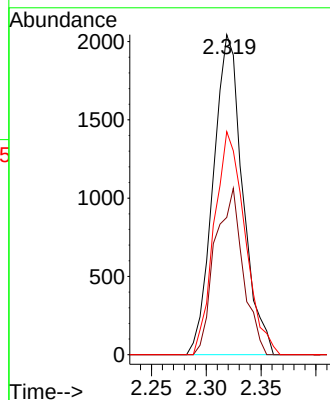
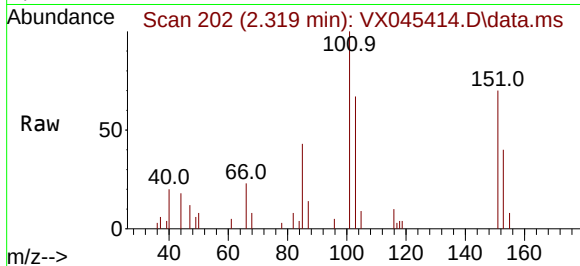




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.910 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

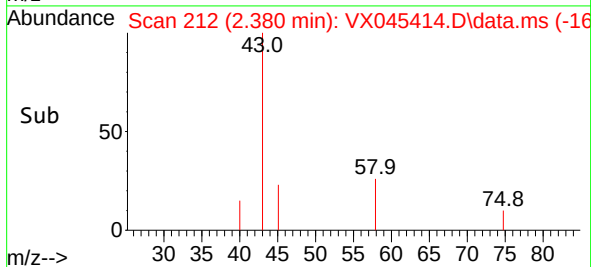
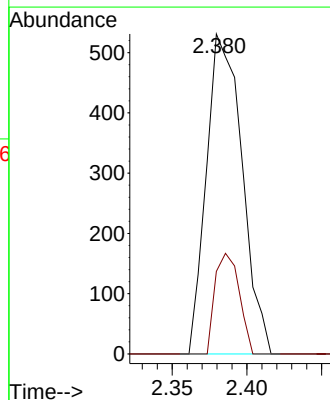
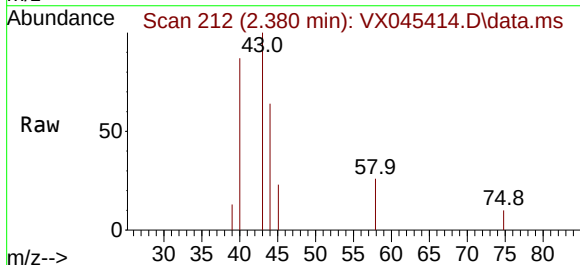
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250318

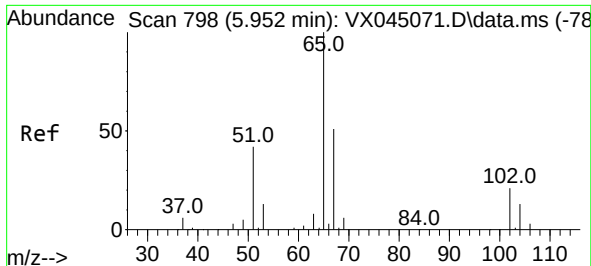
Tgt Ion	101	Resp	3818
Ion Ratio	100	Lower	Upper
101	100		
85	49.6	36.2	54.4
151	72.8	56.4	84.6



#16
Acetone
Concen: 1.780 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

Tgt Ion	43	Resp	879
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
58	25.8	24.2	36.4





#33

1,2-Dichloroethane-d4

Concen: 57.340 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

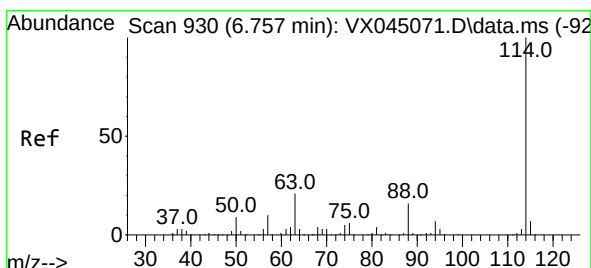
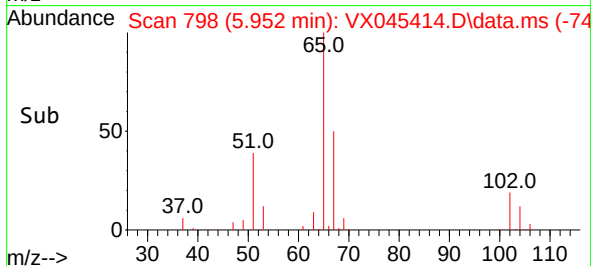
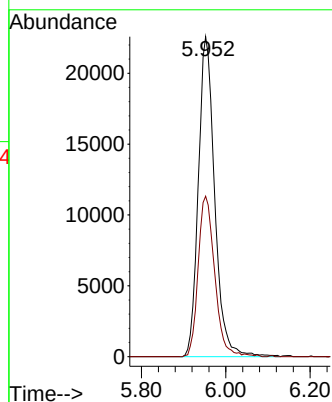
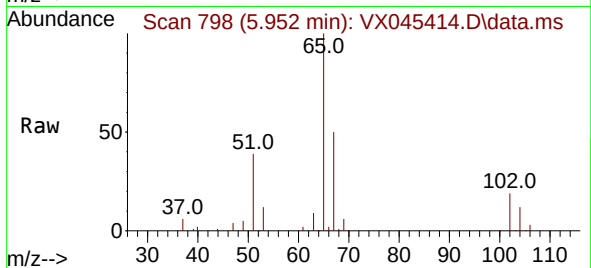
RE132D2-20250318

Tgt Ion: 65 Resp: 61019

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

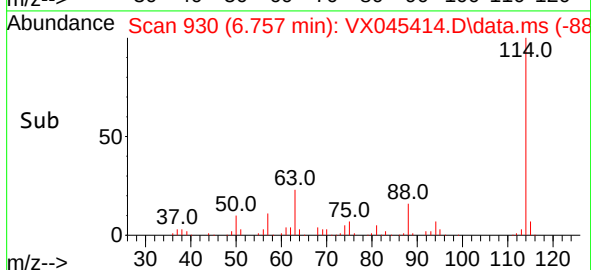
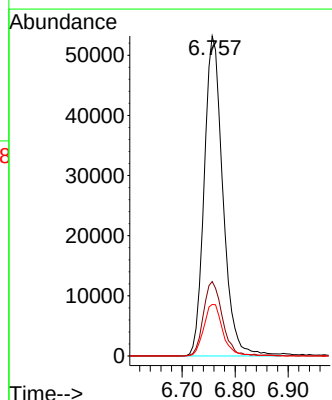
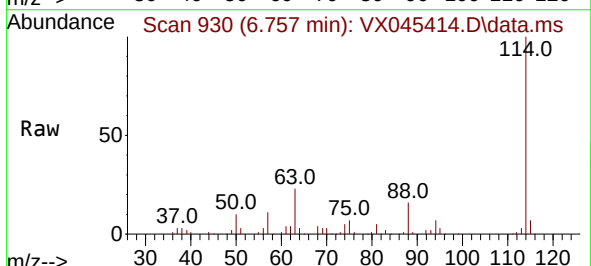
Tgt Ion: 114 Resp: 130401

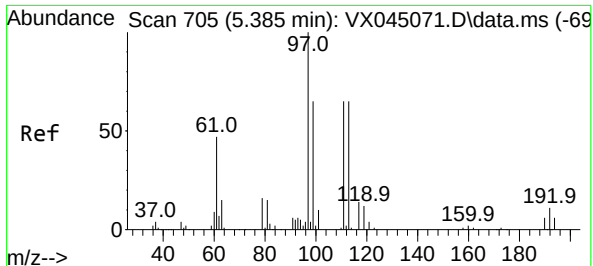
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

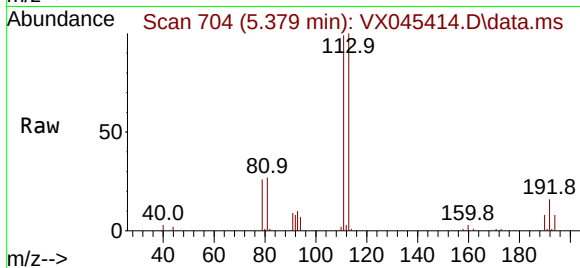
88 16.1 0.0 32.8



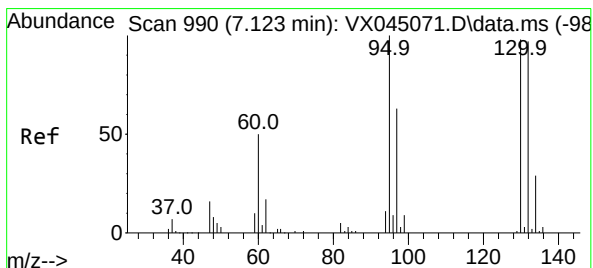
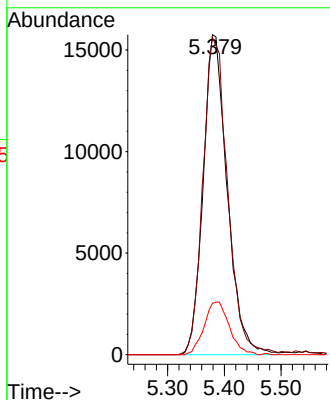
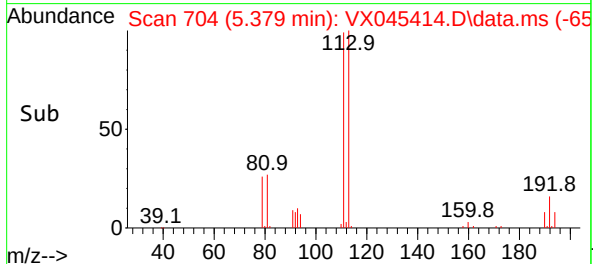


#35
Dibromofluoromethane
Concen: 53.285 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250318

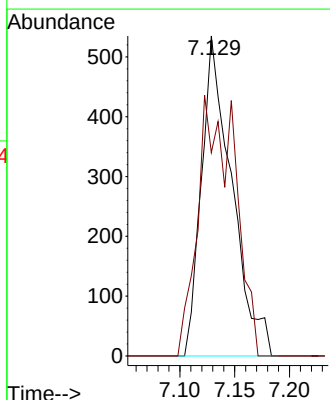
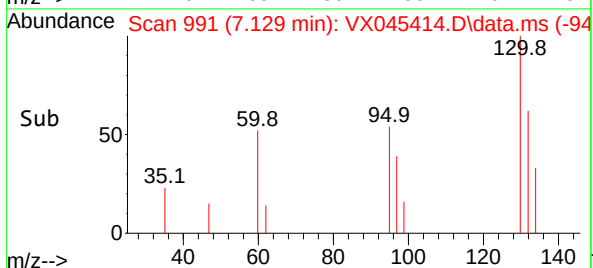
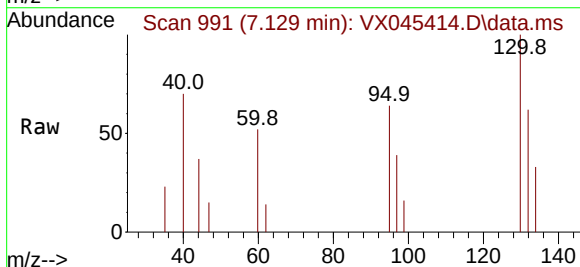


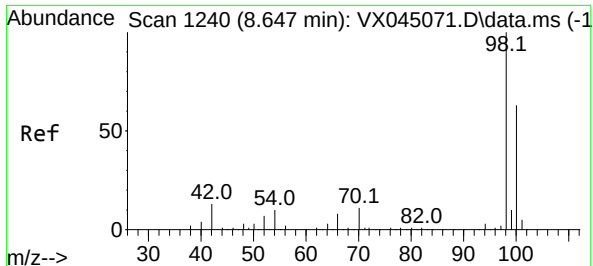
Tgt Ion:113 Resp: 46462
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 17.2 14.3 21.5



#44
Trichloroethene
Concen: 1.159 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045414.D
Acq: 24 Mar 2025 14:54

Tgt Ion:130 Resp: 1028
Ion Ratio Lower Upper
130 100
95 63.6 0.0 205.0





#50

Toluene-d8

Concen: 50.598 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

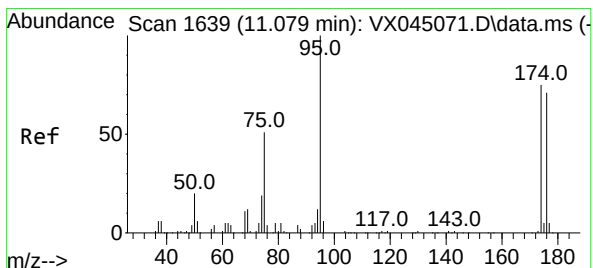
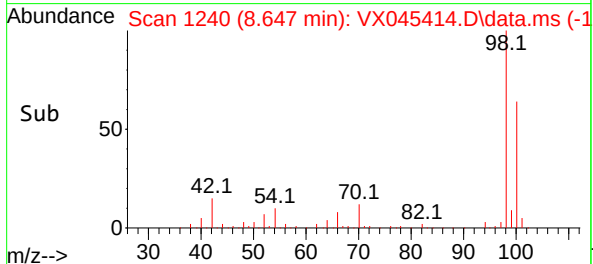
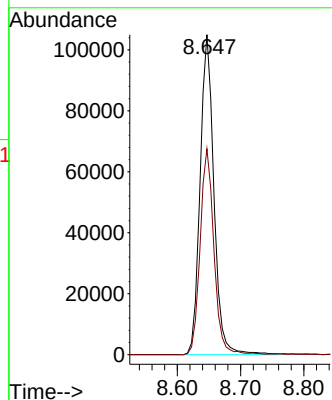
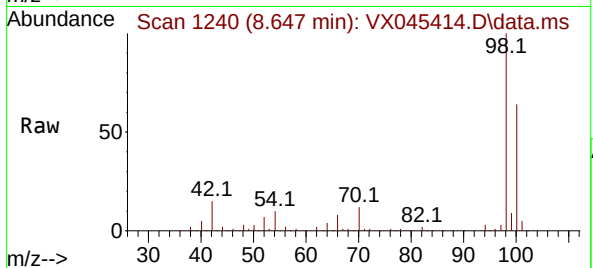
RE132D2-20250318

Tgt Ion: 98 Resp: 159947

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

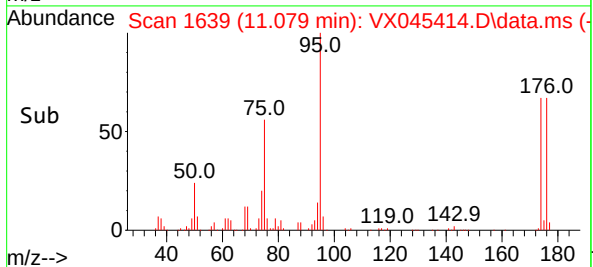
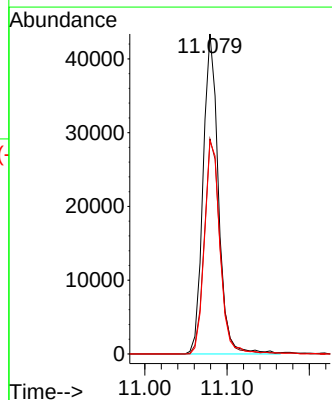
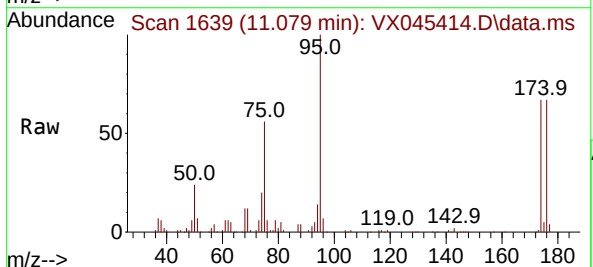
Tgt Ion: 95 Resp: 56165

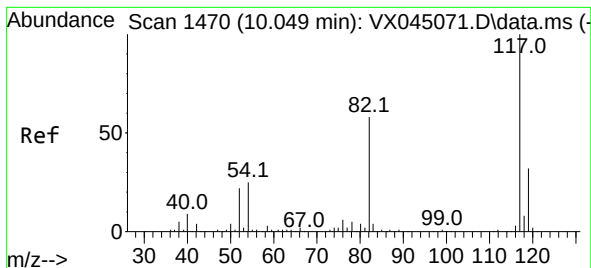
Ion Ratio Lower Upper

95 100

174 69.3 0.0 148.2

176 67.7 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20250318

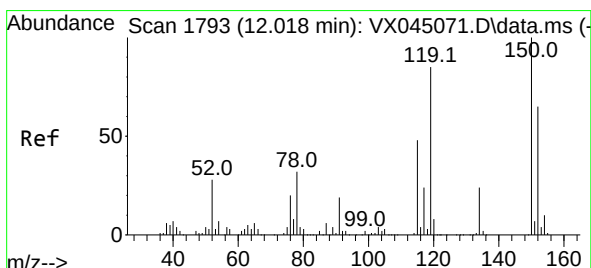
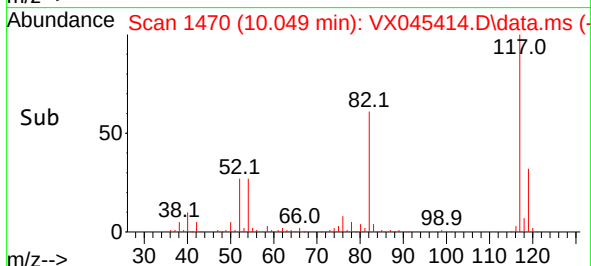
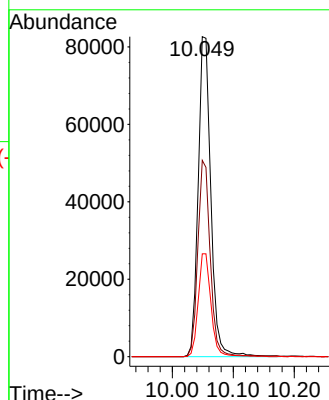
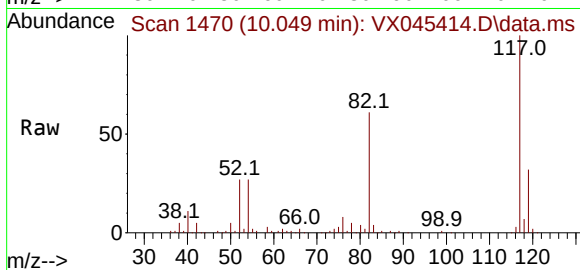
Tgt Ion:117 Resp: 119535

Ion Ratio Lower Upper

117 100

82 61.3 46.3 69.5

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045414.D

Acq: 24 Mar 2025 14:54

Tgt Ion:152 Resp: 48538

Ion Ratio Lower Upper

152 100

115 64.9 44.2 132.6

150 158.0 0.0 349.0

