

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045441.D
 Acq On : 25 Mar 2025 15:36
 Operator : JC/MD
 Sample : Q1608-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20250318RE

Quant Time: Mar 26 01:39:52 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)

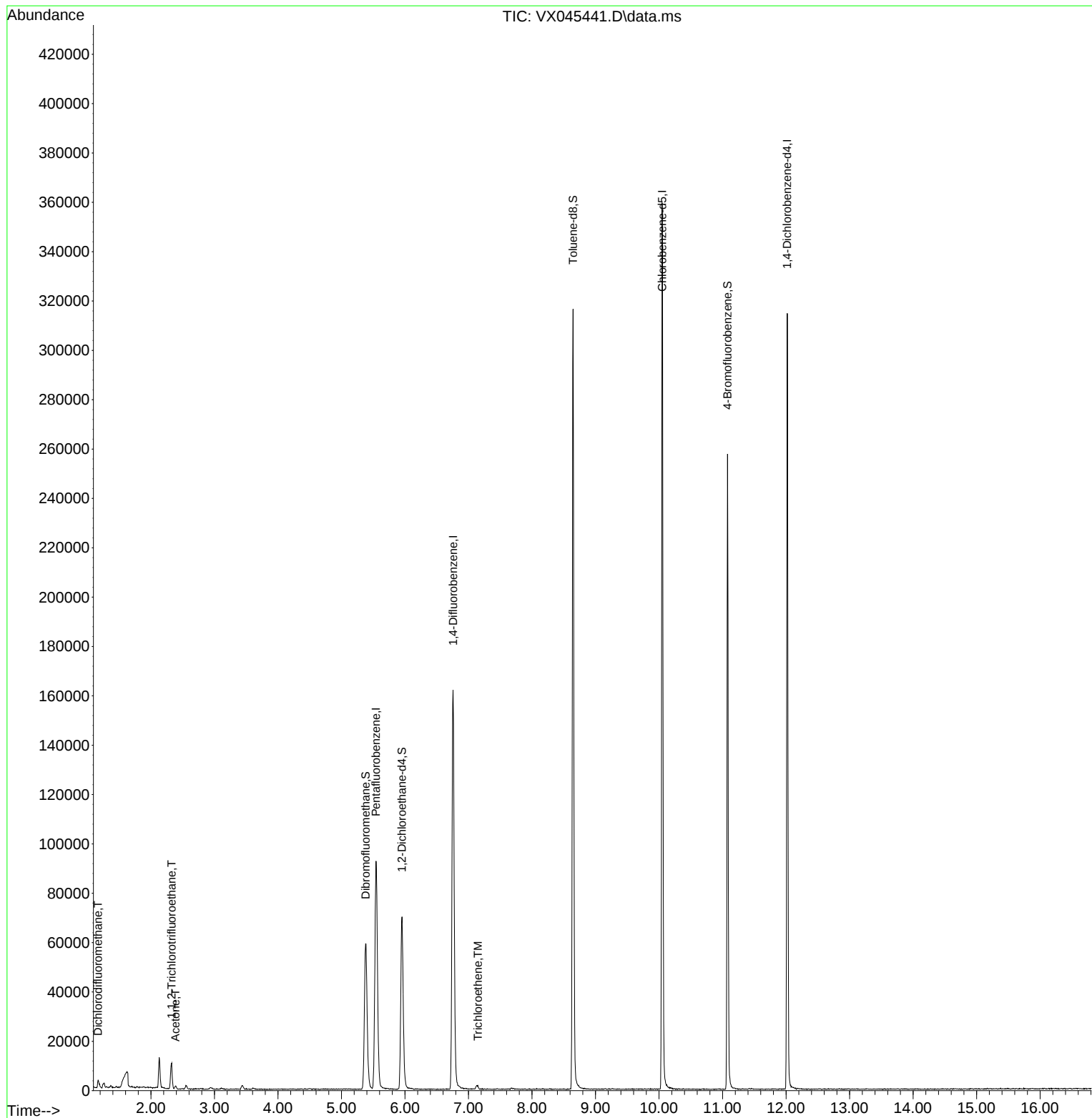
Internal Standards						
1) Pentafluorobenzene	5.543	168	81844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68708	52.777	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.560%	
35) Dibromofluoromethane	5.379	113	52180	49.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.980%	
50) Toluene-d8	8.647	98	182794	47.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	11.079	95	65142	51.427	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1745	1.694	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	4230	4.447	ug/l	93
16) Acetone	2.385	43	1117	1.849	ug/l	91
44) Trichloroethene	7.147	130	849	0.792	ug/l	53

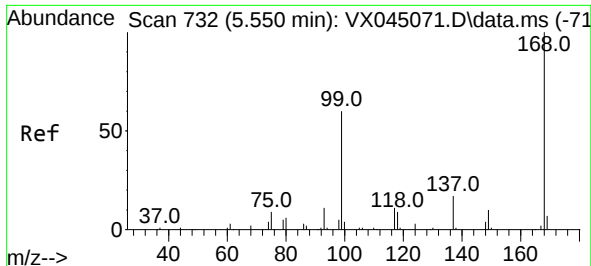
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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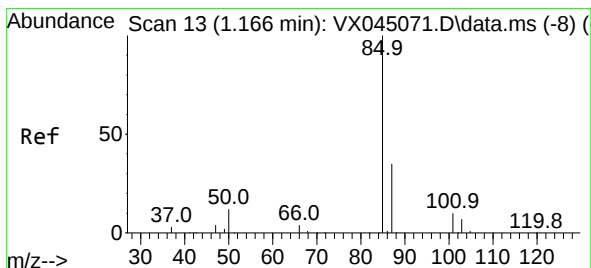
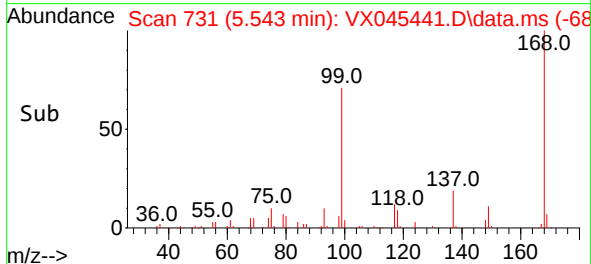
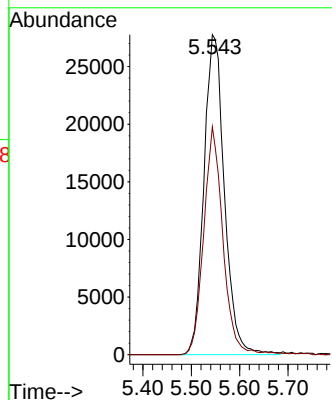
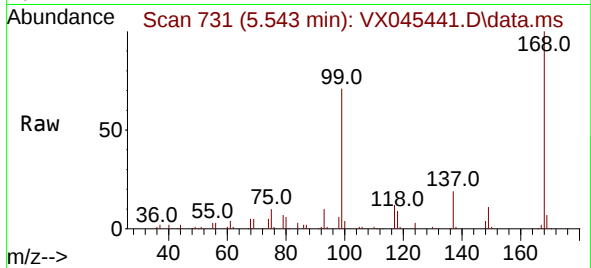




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

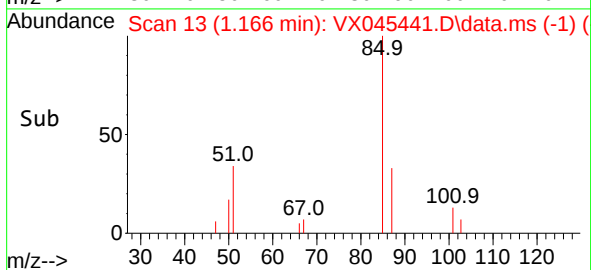
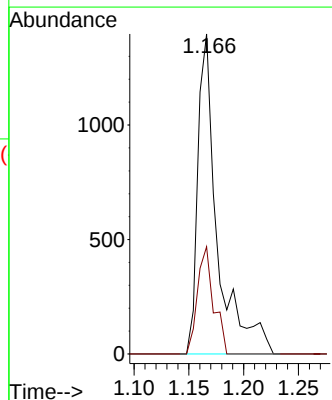
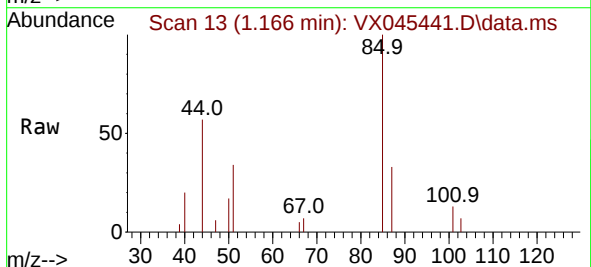
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250318RE

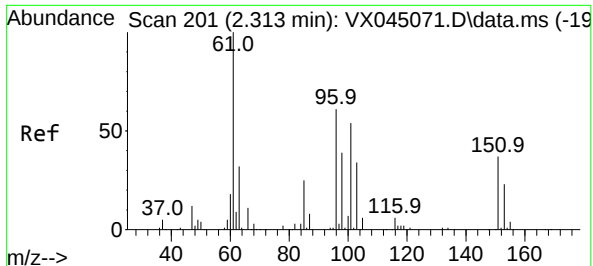
Tgt Ion:168 Resp: 81844
Ion Ratio Lower Upper
168 100
99 71.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.694 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

Tgt Ion: 85 Resp: 1745
Ion Ratio Lower Upper
85 100
87 33.5 17.4 52.3

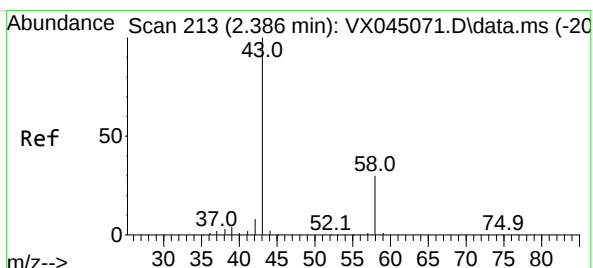
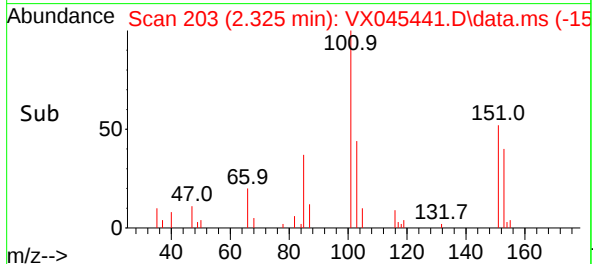
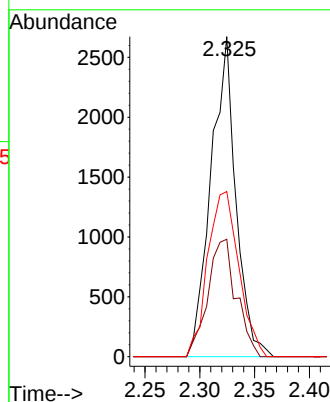
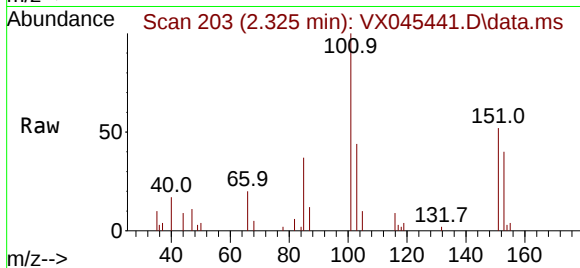




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.447 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

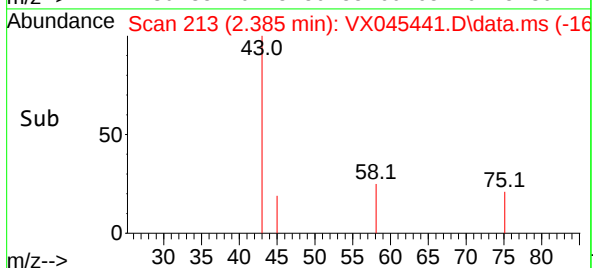
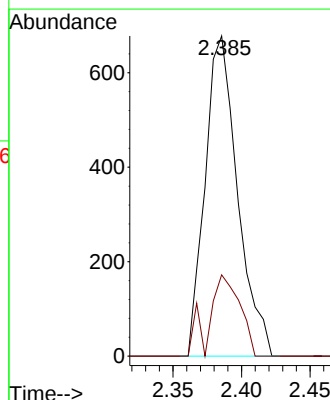
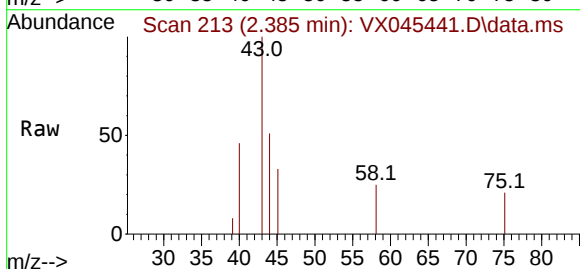
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20250318RE

Tgt Ion:101 Resp: 4230
Ion Ratio Lower Upper
101 100
85 42.0 36.2 54.4
151 64.3 56.4 84.6



#16
Acetone
Concen: 1.849 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 25.4 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.777 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045441.D

Acq: 25 Mar 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

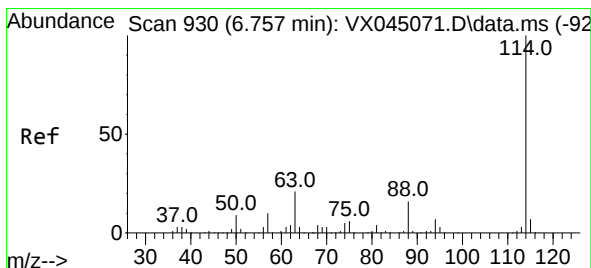
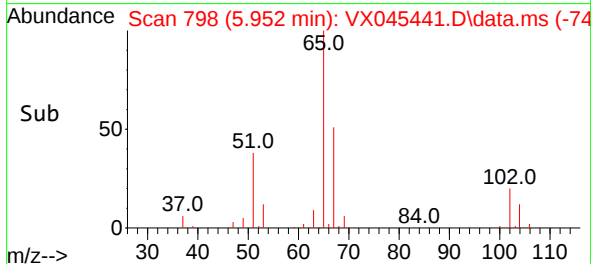
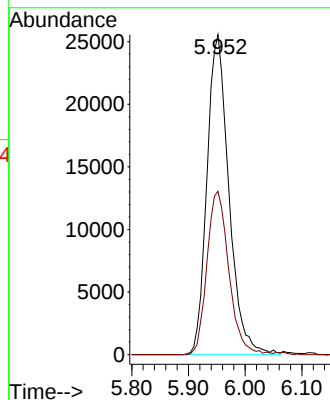
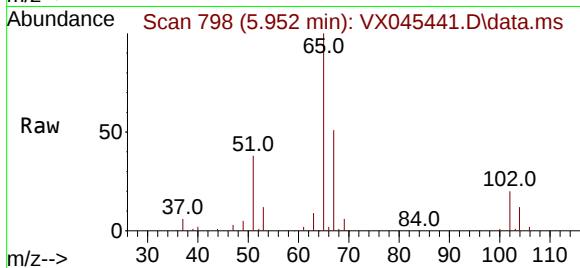
RE132D2-20250318RE

Tgt Ion: 65 Resp: 68708

Ion Ratio Lower Upper

65 100

67 51.0 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: VX045441.D

Acq: 25 Mar 2025 15:36

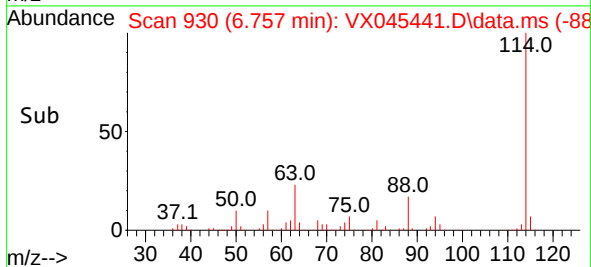
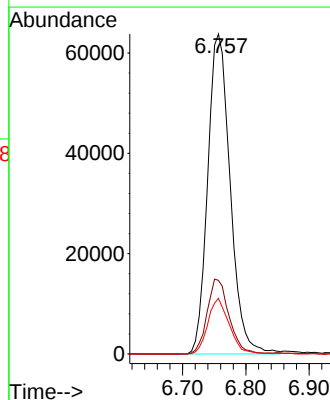
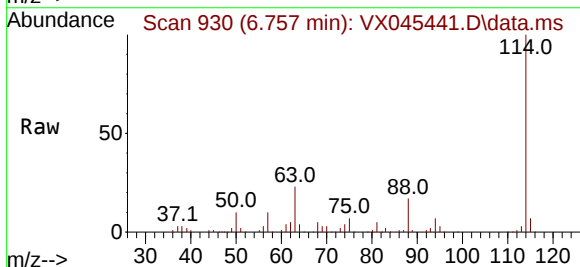
Tgt Ion: 114 Resp: 157686

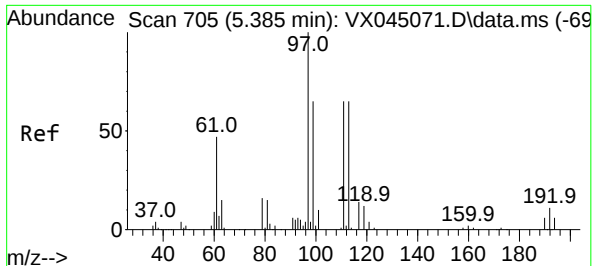
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045441.D

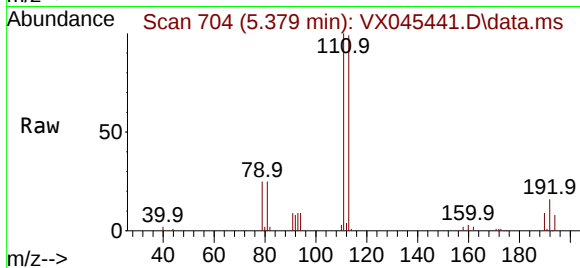
Acq: 25 Mar 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20250318RE



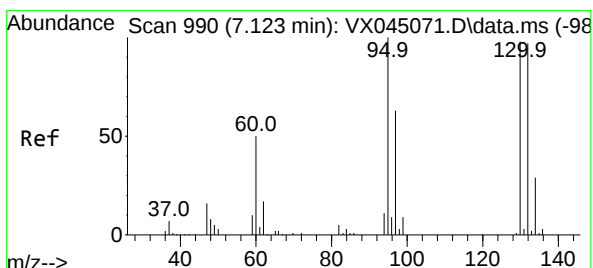
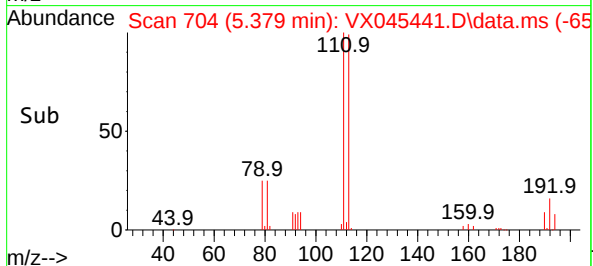
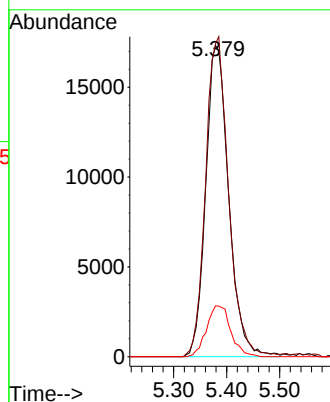
Tgt Ion:113 Resp: 52180

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 17.2 14.3 21.5



#44

Trichloroethene

Concen: 0.792 ug/l

RT: 7.147 min Scan# 994

Delta R.T. 0.024 min

Lab File: VX045441.D

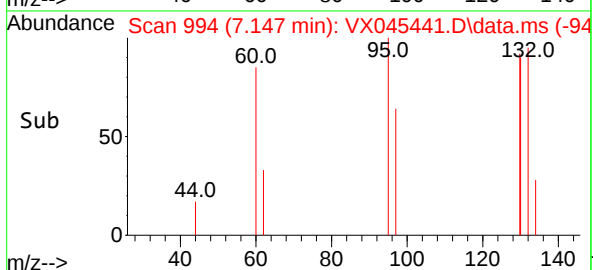
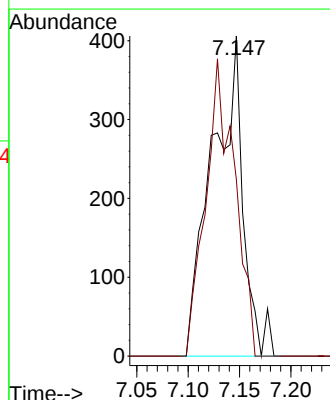
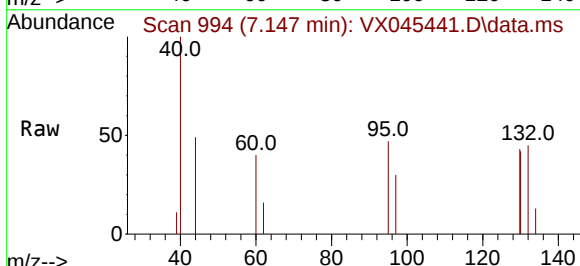
Acq: 25 Mar 2025 15:36

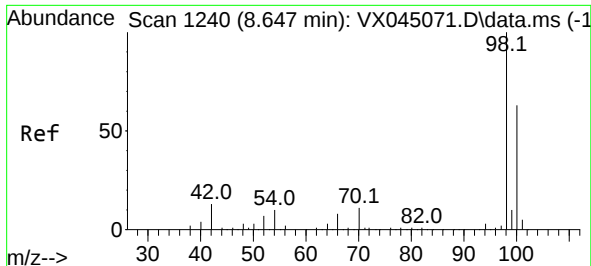
Tgt Ion:130 Resp: 849

Ion Ratio Lower Upper

130 100

95 55.2 0.0 205.0

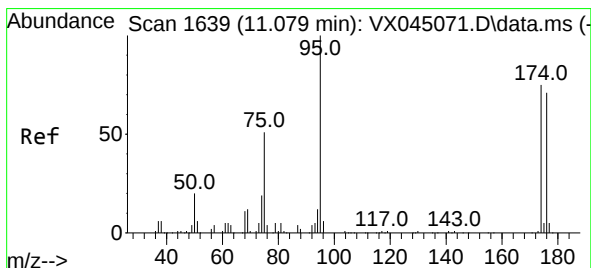
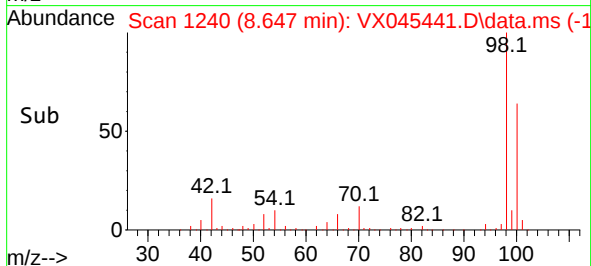
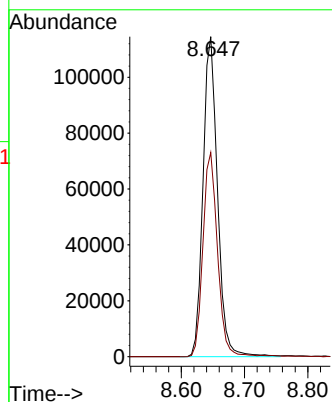
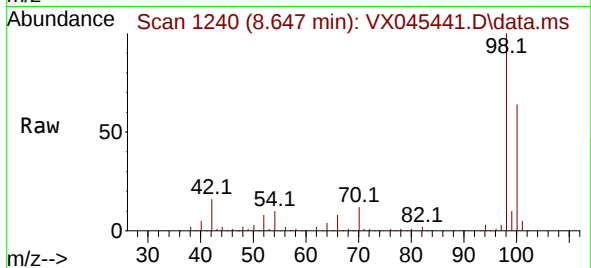




#50
Toluene-d8
Concen: 47.819 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

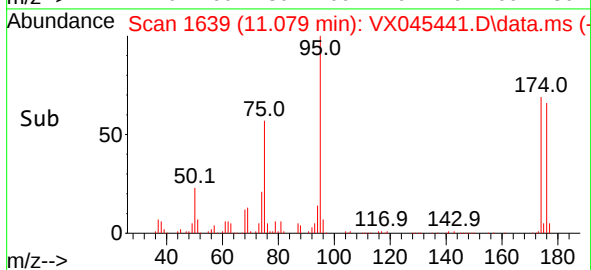
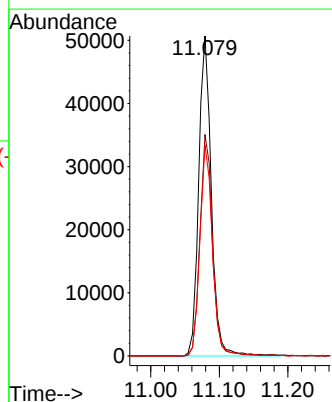
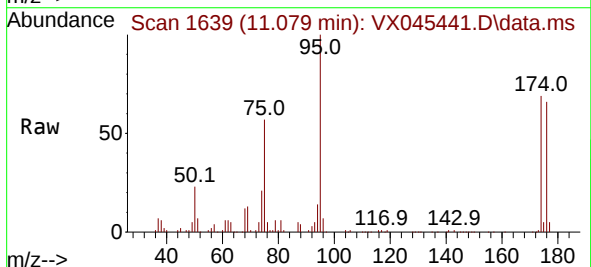
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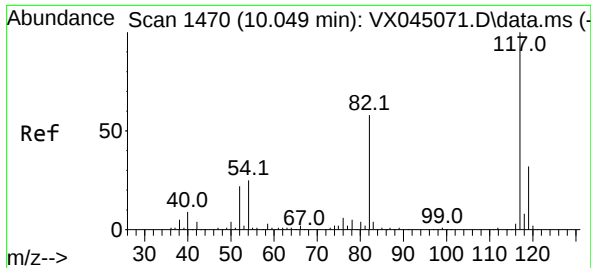
Tgt Ion: 98 Resp: 182794
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

Tgt Ion: 95 Resp: 65142
Ion Ratio Lower Upper
95 100
174 68.5 0.0 148.2
176 65.8 0.0 141.4

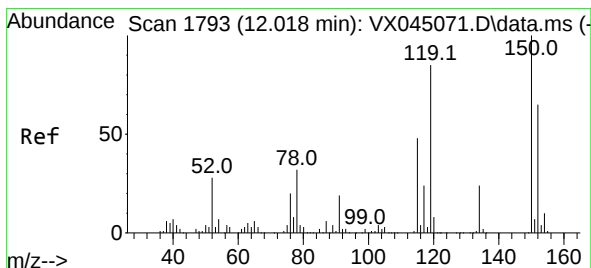
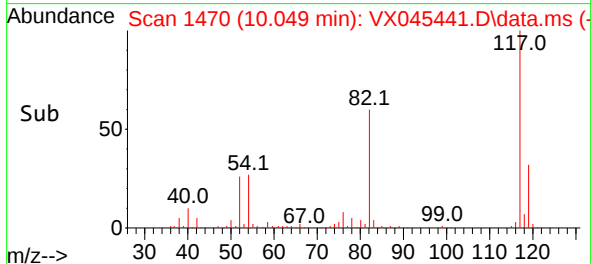
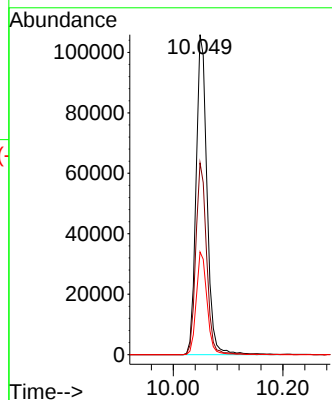
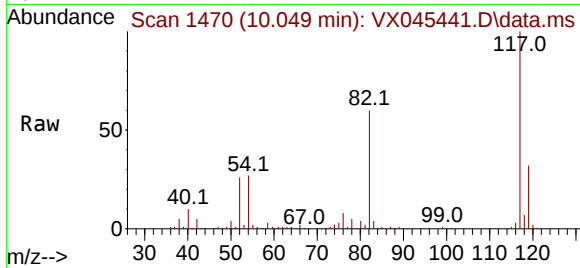




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 147292
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045441.D
Acq: 25 Mar 2025 15:36

Tgt Ion:152 Resp: 58705
Ion Ratio Lower Upper
152 100
115 63.5 44.2 132.6
150 155.7 0.0 349.0

