

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045320.D
 Acq On : 18 Mar 2025 13:17
 Operator : JC/MD
 Sample : Q1559-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-RE137-20250311DL

Quant Time: Mar 19 01:43:33 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)

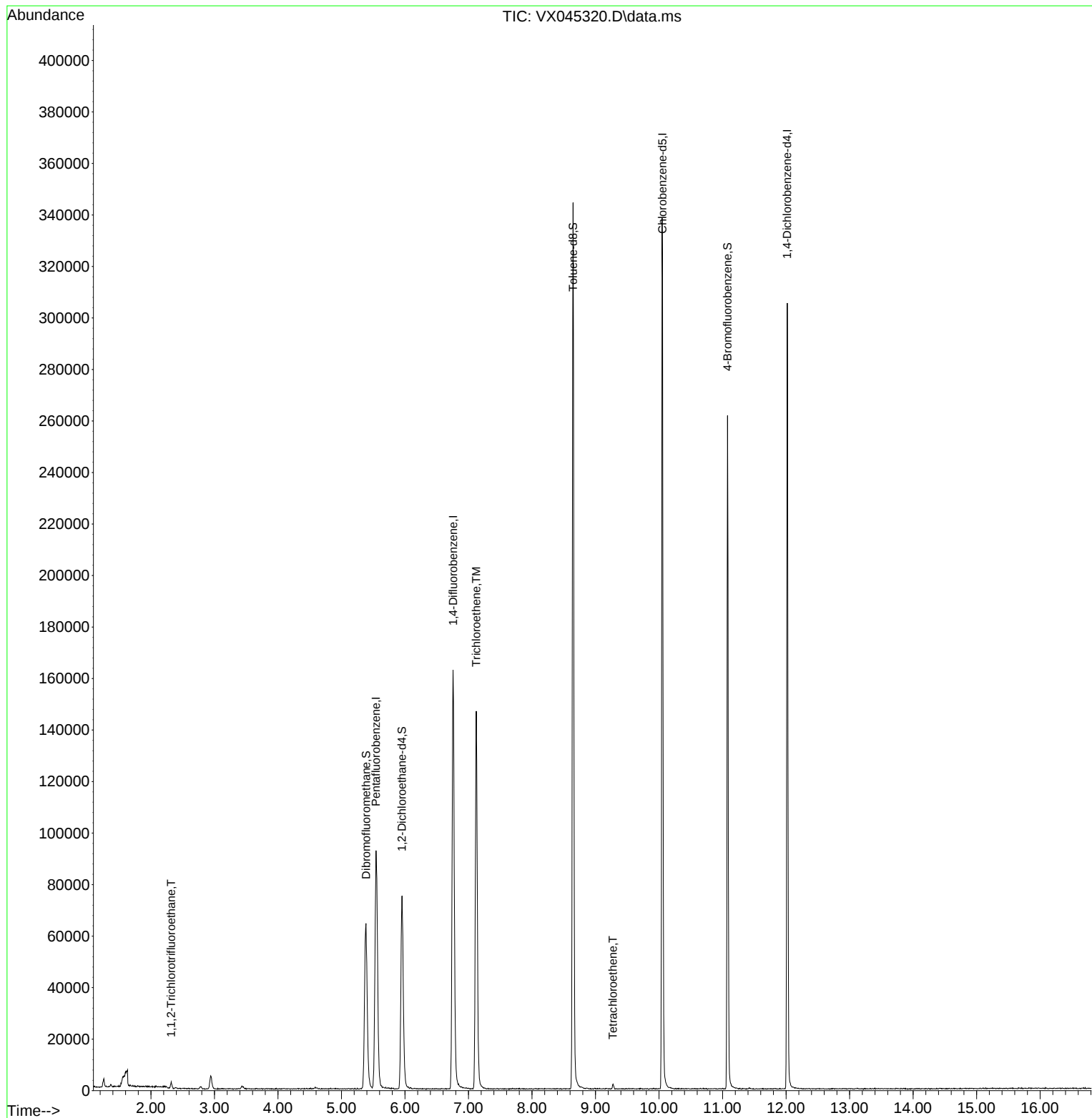
Internal Standards						
1) Pentafluorobenzene	5.544	168	81795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71452	54.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.840%	
35) Dibromofluoromethane	5.385	113	55892	52.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	8.647	98	197341	50.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	11.079	95	67449	52.481	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.960%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	976	1.027	ug/l	89
44) Trichloroethene	7.123	130	52371	48.142	ug/l	93
64) Tetrachloroethene	9.275	164	349	0.380	ug/l	91

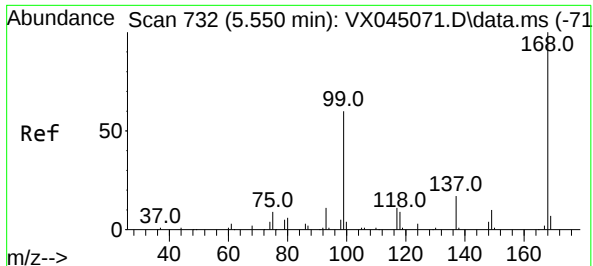
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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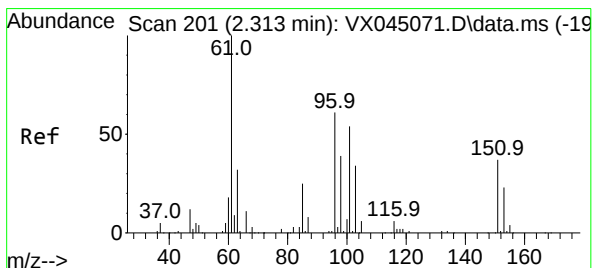
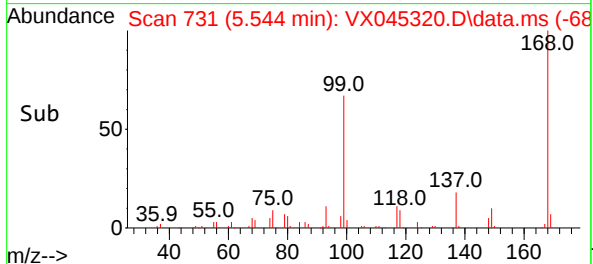
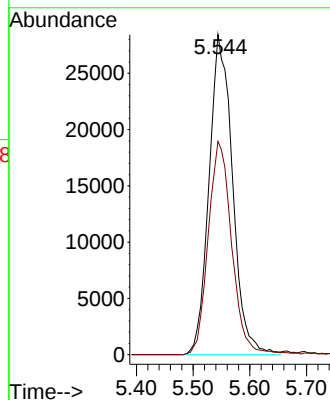
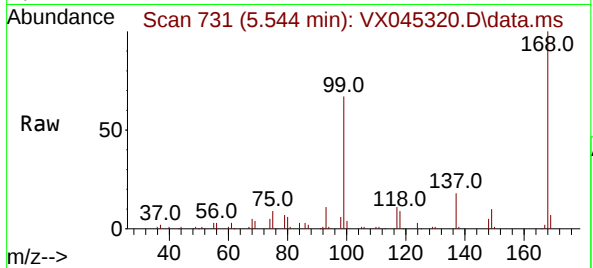




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

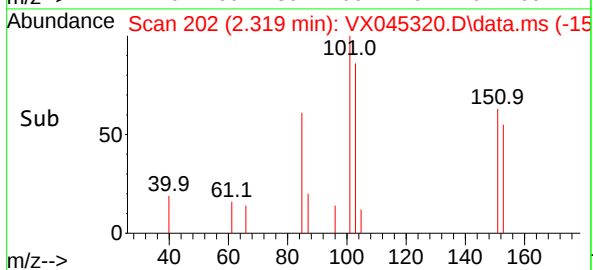
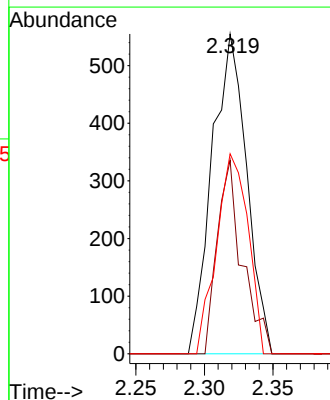
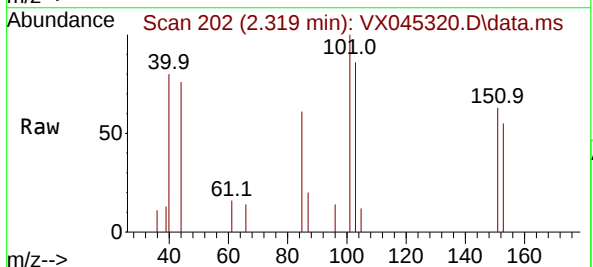
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

Tgt Ion:168 Resp: 81795
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.027 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion:101 Resp: 976
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 56.8 56.4 84.6





#33

1,2-Dichloroethane-d4

Concen: 54.918 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

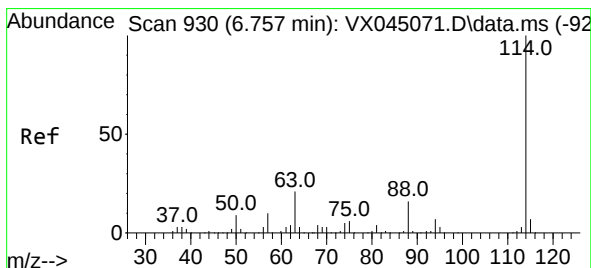
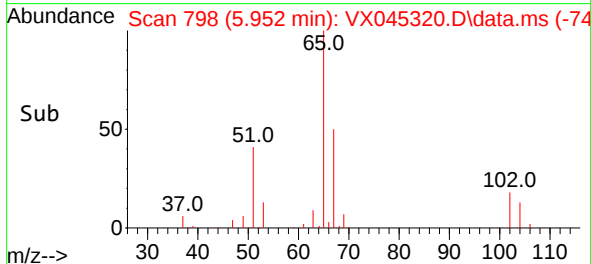
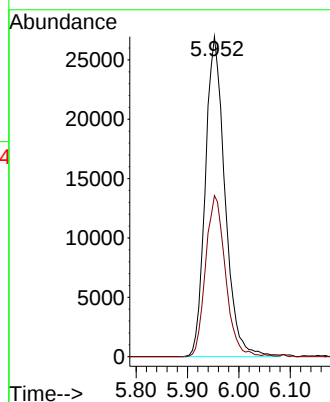
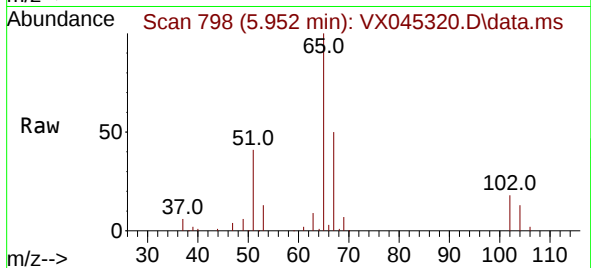
RW4-RE137-20250311DL

Tgt Ion: 65 Resp: 71452

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: VX045320.D

Acq: 18 Mar 2025 13:17

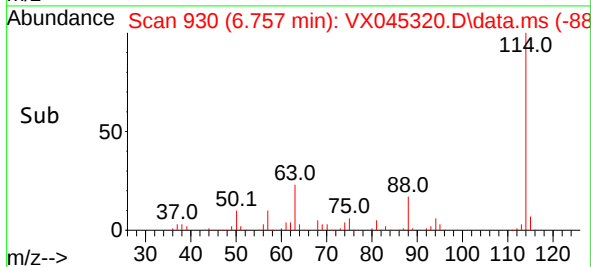
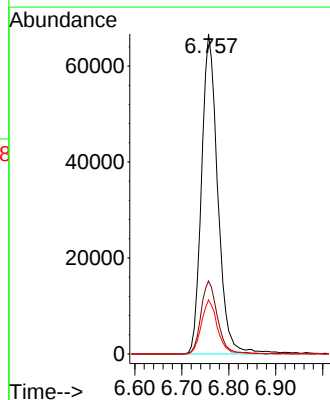
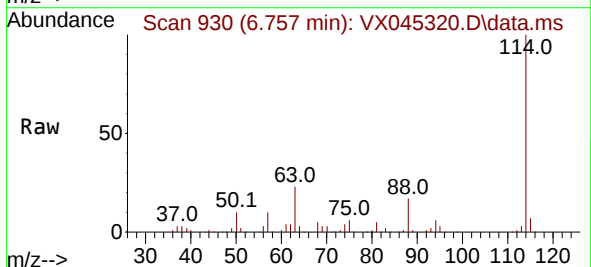
Tgt Ion: 114 Resp: 159990

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.245 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045320.D

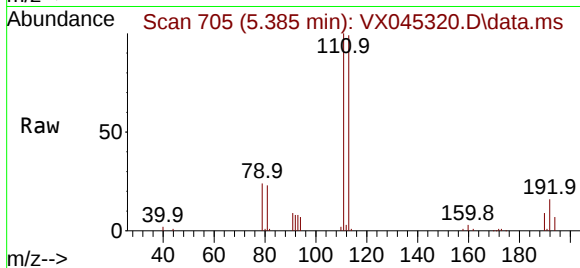
Acq: 18 Mar 2025 13:17

Instrument :

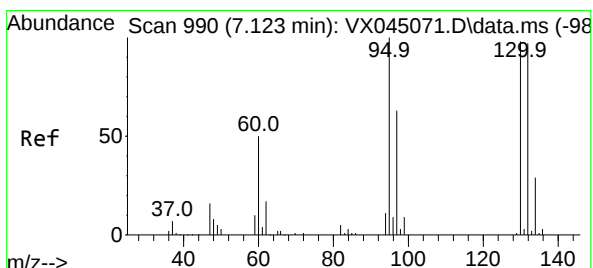
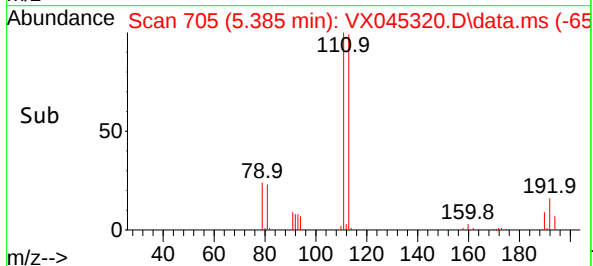
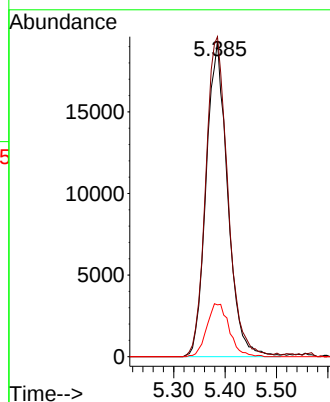
MSVOA_X

ClientSampleId :

RW4-RE137-20250311DL



Tgt Ion:	113	Resp:	55892
Ion Ratio	Lower	Upper	
113	100		
111	104.8	81.8	122.6
192	17.6	14.3	21.5



#44

Trichloroethene

Concen: 48.142 ug/l

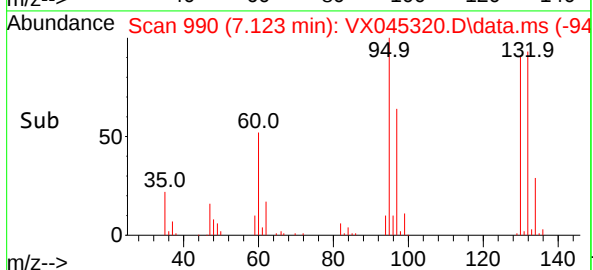
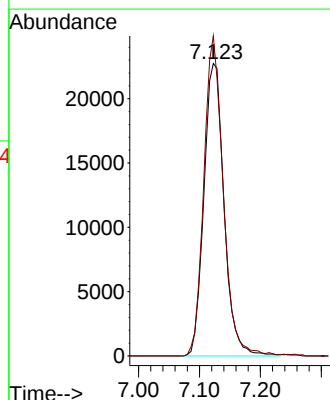
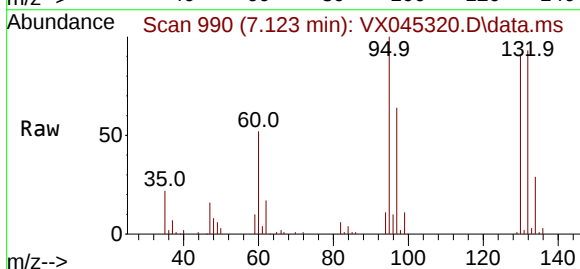
RT: 7.123 min Scan# 990

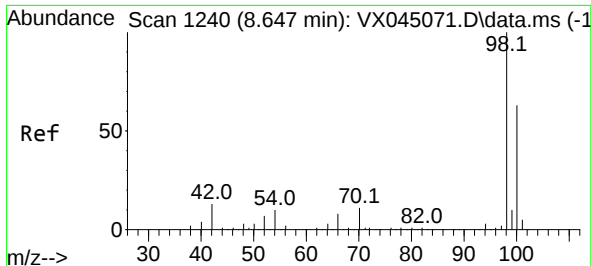
Delta R.T. -0.000 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

Tgt Ion:	130	Resp:	52371
Ion Ratio	Lower	Upper	
130	100		
95	109.4	0.0	205.0

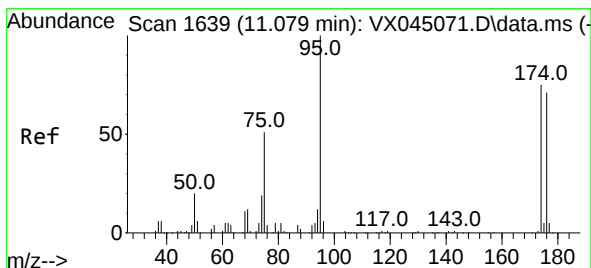
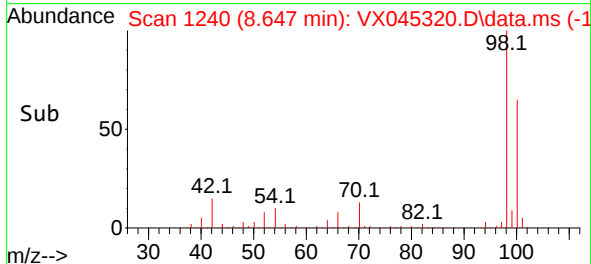
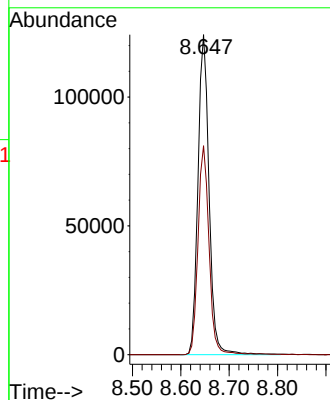
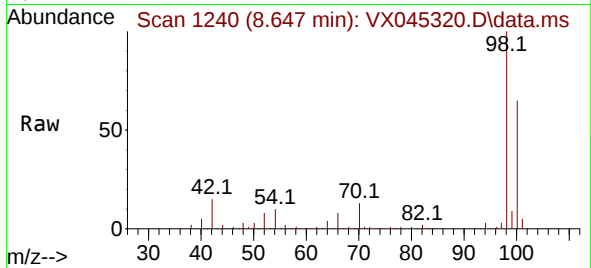




#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

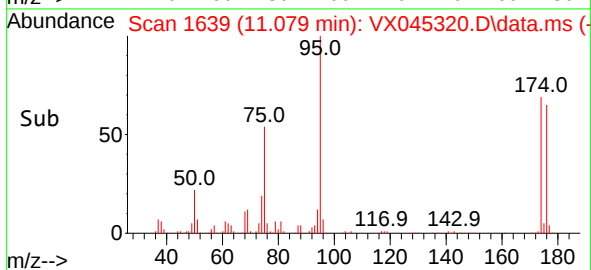
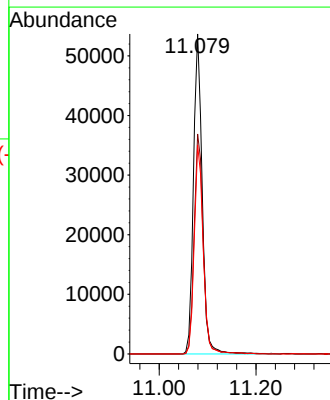
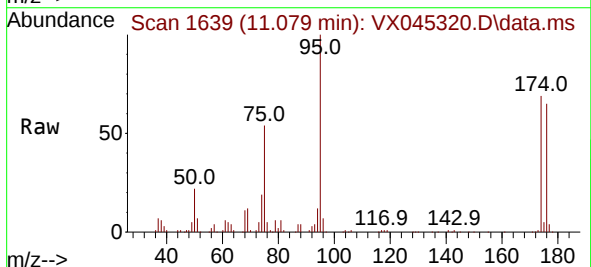
Instrument :
MSVOA_X
ClientSampleId :
RW4-RE137-20250311DL

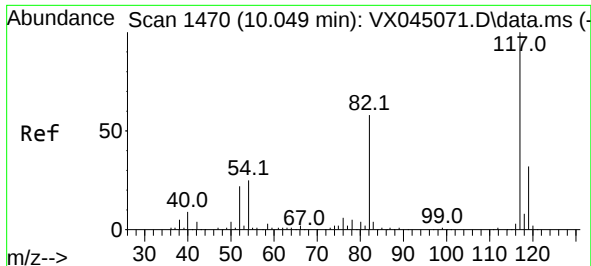
Tgt Ion: 98 Resp: 197341
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045320.D
Acq: 18 Mar 2025 13:17

Tgt Ion: 95 Resp: 67449
Ion Ratio Lower Upper
95 100
174 70.6 0.0 148.2
176 66.6 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

RW4-RE137-20250311DL

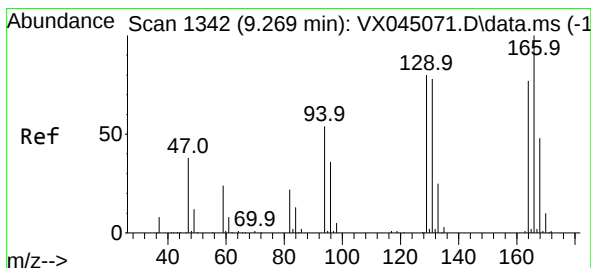
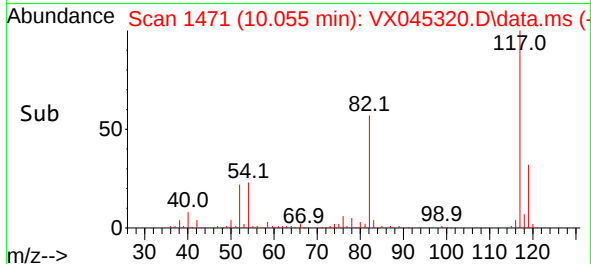
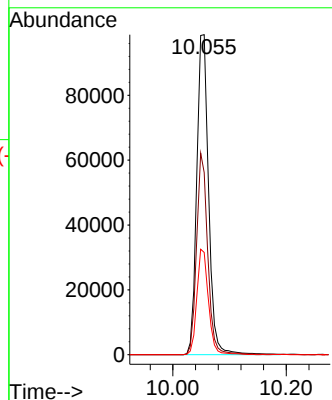
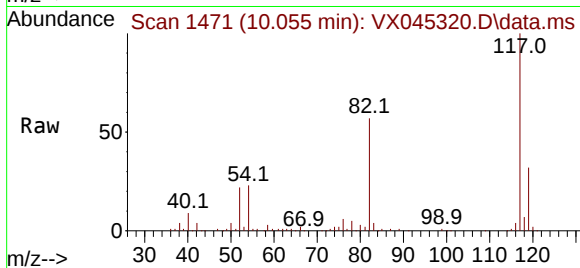
Tgt Ion:117 Resp: 143282

Ion Ratio Lower Upper

117 100

82 56.9 46.3 69.5

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 0.380 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045320.D

Acq: 18 Mar 2025 13:17

Tgt Ion:164 Resp: 349

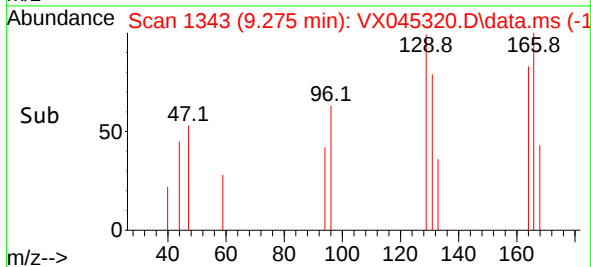
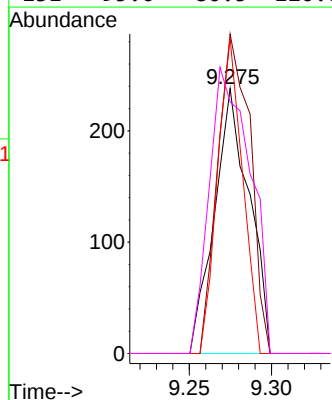
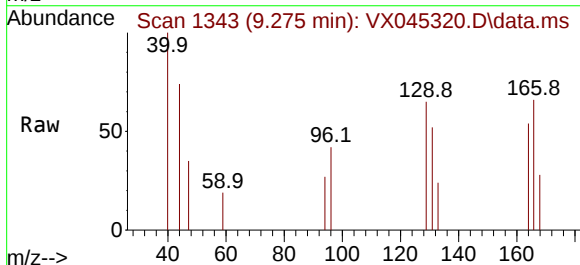
Ion Ratio Lower Upper

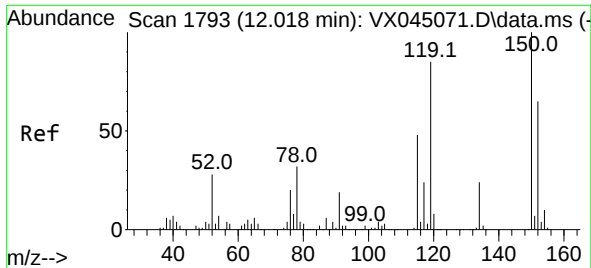
164 100

166 120.6 103.6 155.4

129 118.9 82.7 124.1

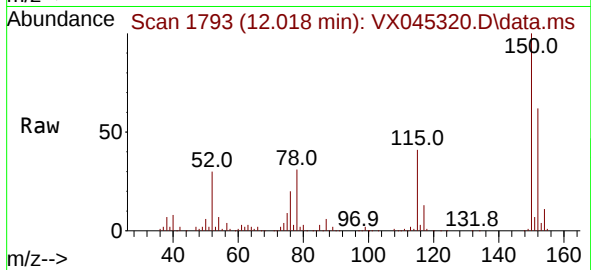
131 95.0 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045320.D
 Acq: 18 Mar 2025 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-RE137-20250311DL



Tgt Ion:152 Resp: 57402
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 156.1 0.0 349.0

