

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045322.D
 Acq On : 18 Mar 2025 14:04
 Operator : JC/MD
 Sample : Q1559-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

Quant Time: Mar 19 01:44:25 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)

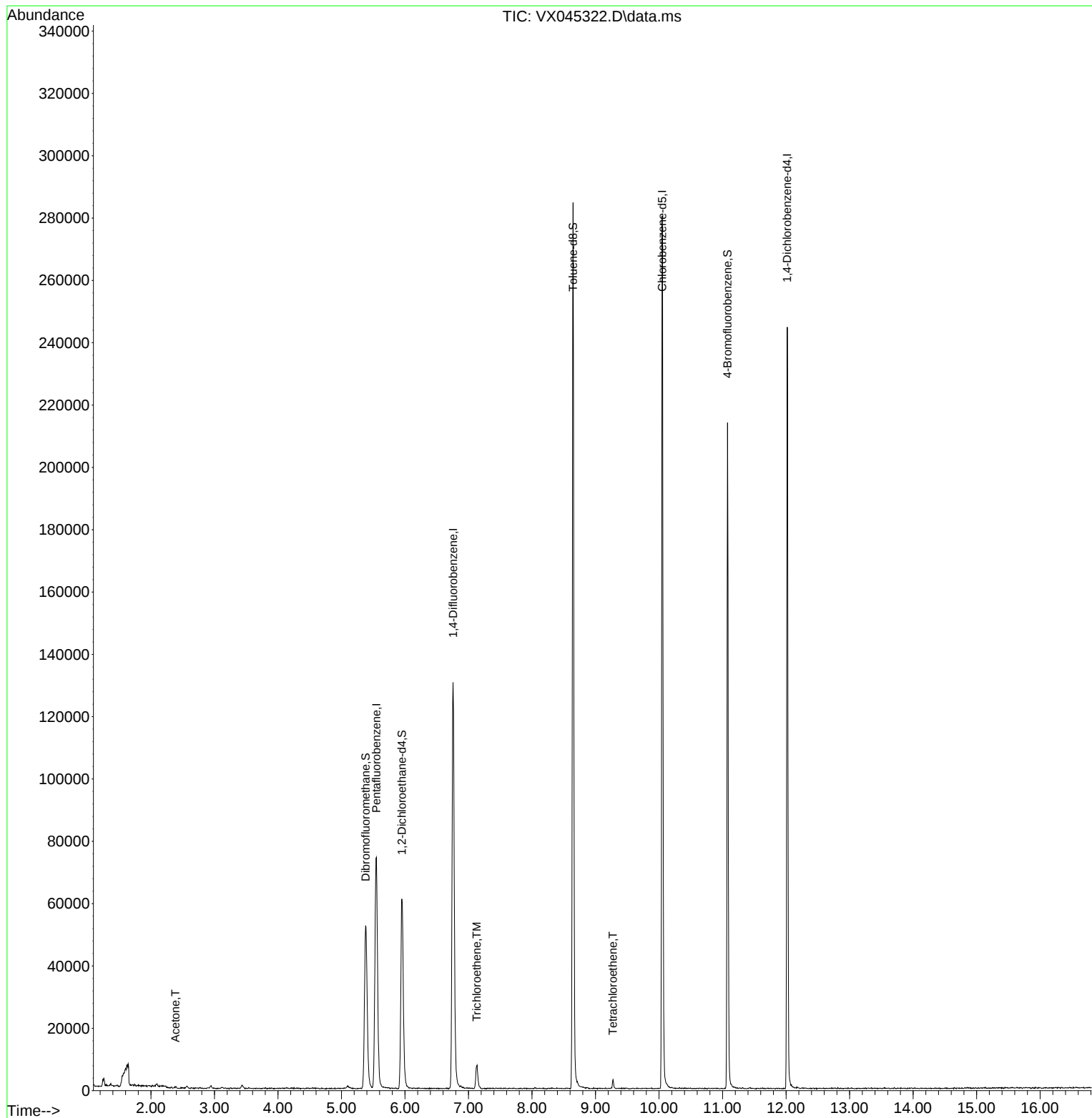
Internal Standards						
1) Pentafluorobenzene	5.550	168	67300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60365	56.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.780%			
35) Dibromofluoromethane	5.379	113	46490	53.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.480%			
50) Toluene-d8	8.647	98	162628	51.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	11.079	95	54400	52.347	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.700%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	581	1.170	ug/l	99
44) Trichloroethene	7.129	130	2957	3.362	ug/l	93
64) Tetrachloroethene	9.275	164	427	0.557	ug/l #	83

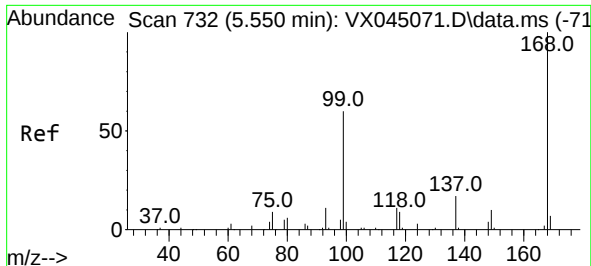
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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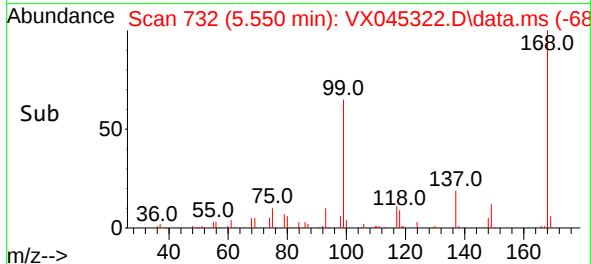
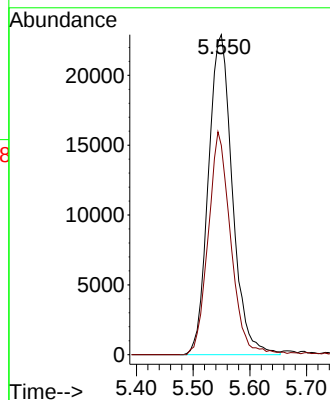
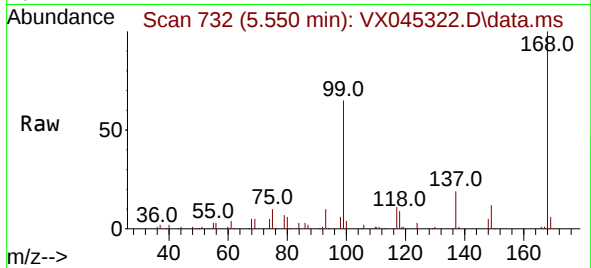




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

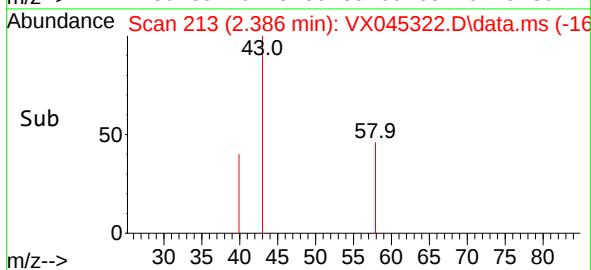
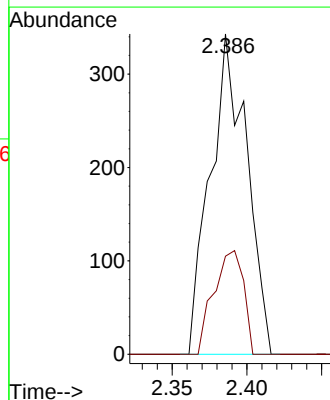
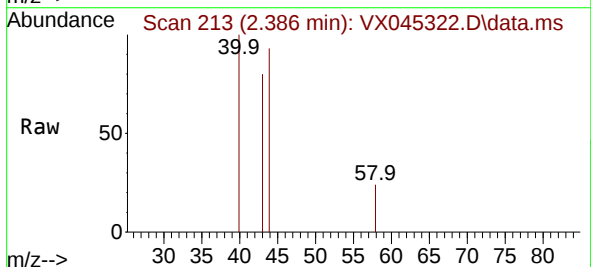
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

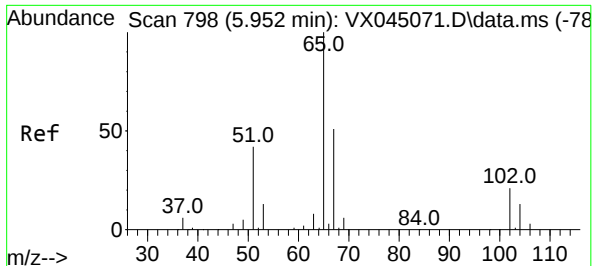
Tgt Ion:168 Resp: 67300
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#16
Acetone
Concen: 1.170 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 56.389 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

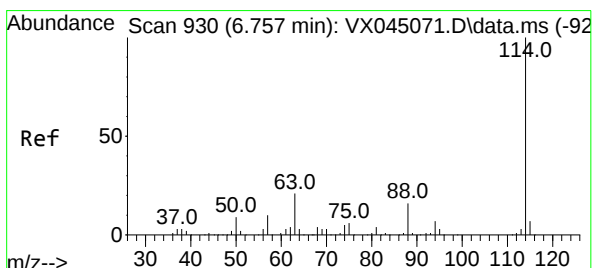
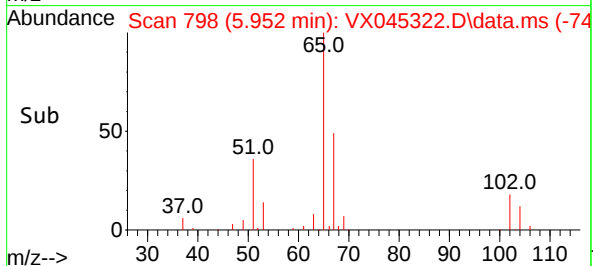
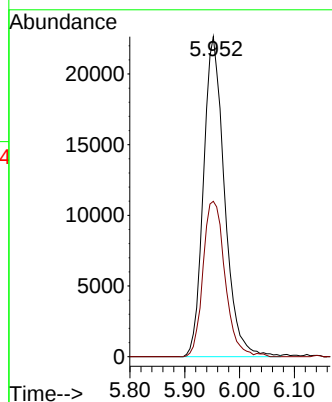
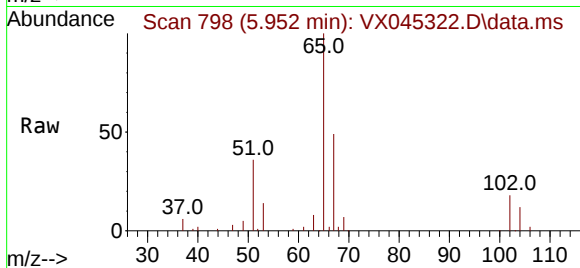
RE134D1-20250310

Tgt Ion: 65 Resp: 60365

Ion Ratio Lower Upper

65 100

67 50.8 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: VX045322.D

Acq: 18 Mar 2025 14:04

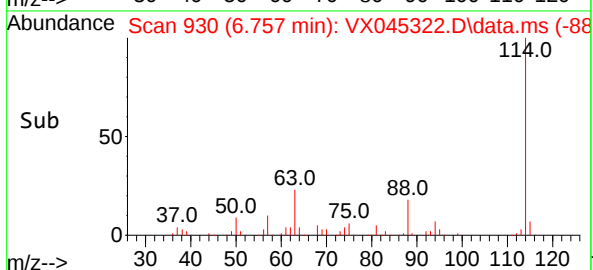
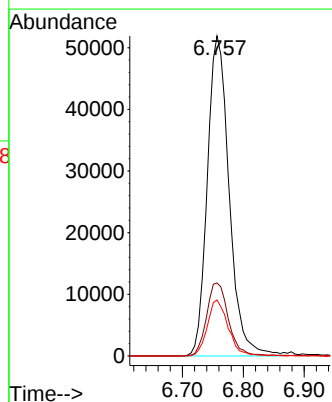
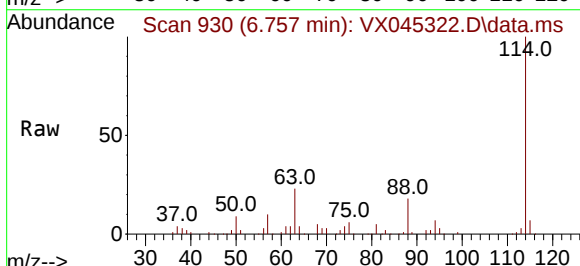
Tgt Ion: 114 Resp: 129370

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.5 0.0 32.8

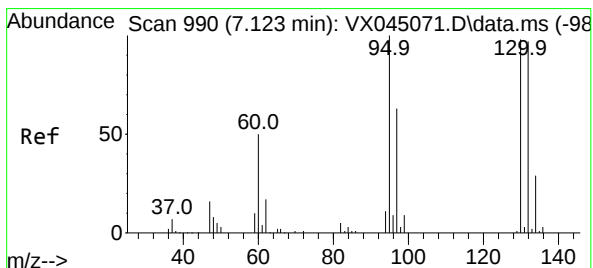
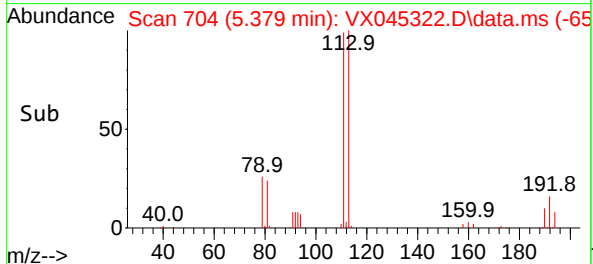
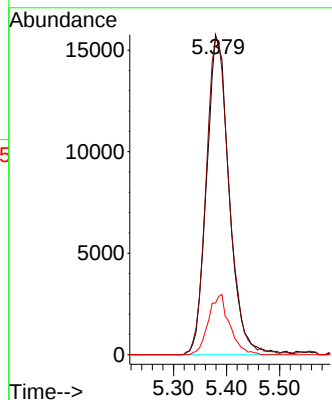
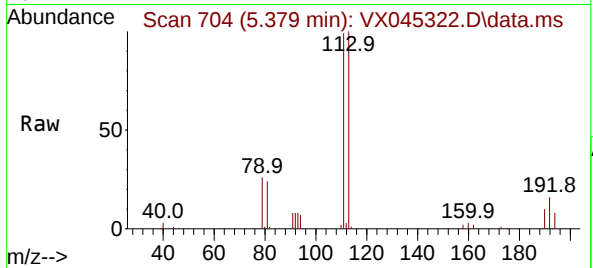




#35
Dibromofluoromethane
Concen: 53.742 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

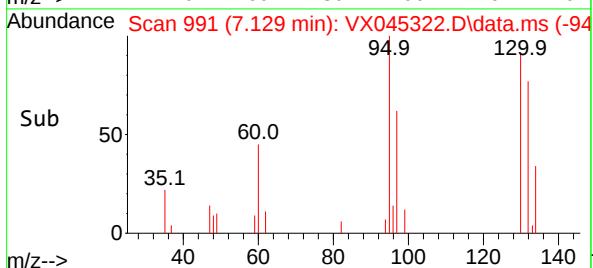
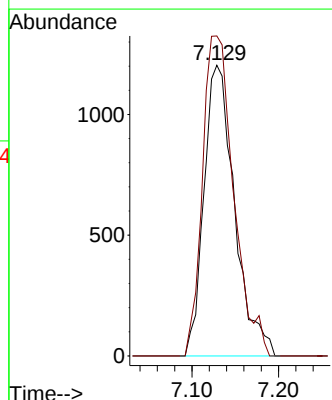
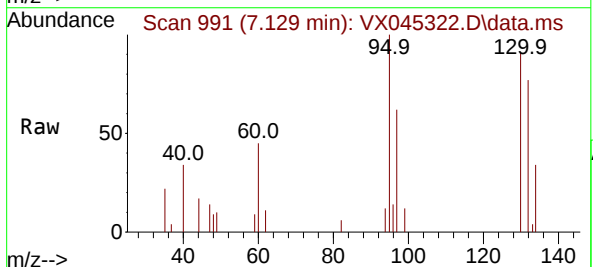
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

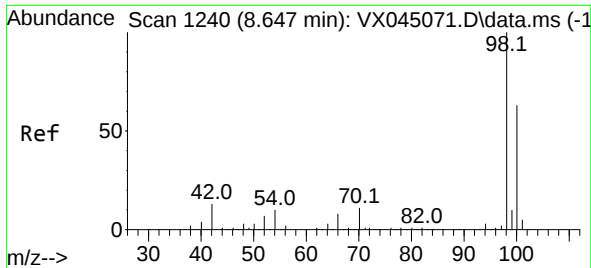
Tgt Ion:113 Resp: 46490
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 17.7 14.3 21.5



#44
Trichloroethene
Concen: 3.362 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion:130 Resp: 2957
Ion Ratio Lower Upper
130 100
95 110.0 0.0 205.0

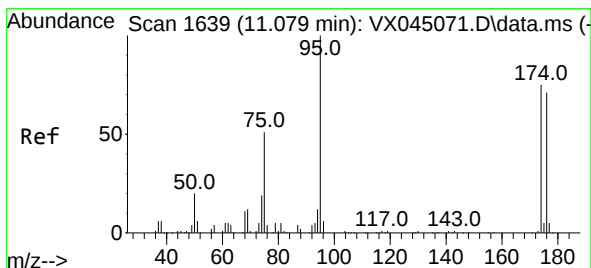
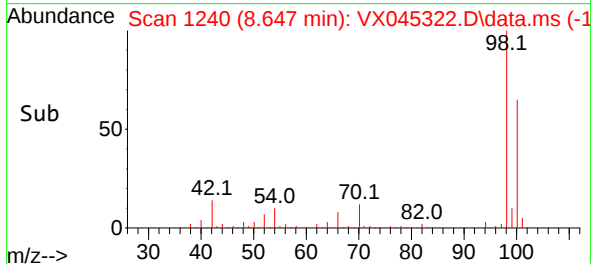
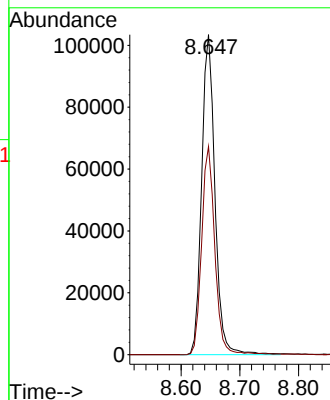
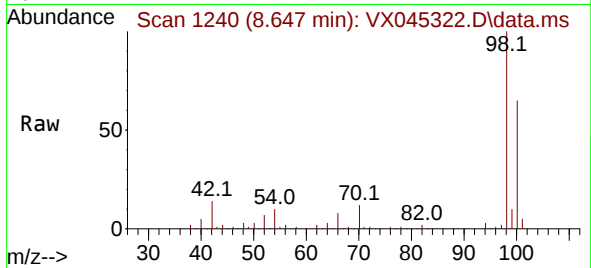




#50
Toluene-d8
Concen: 51.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

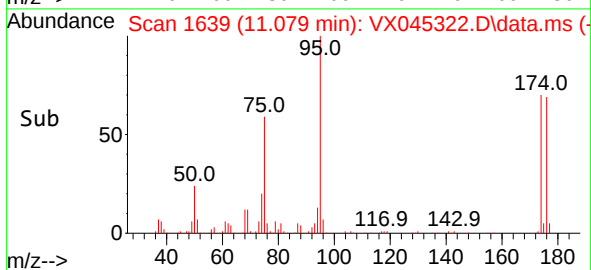
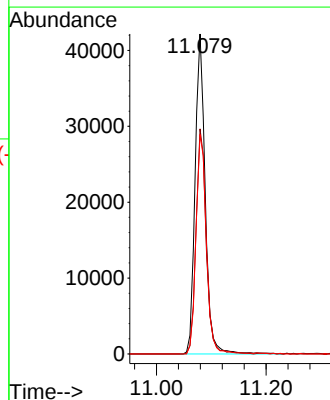
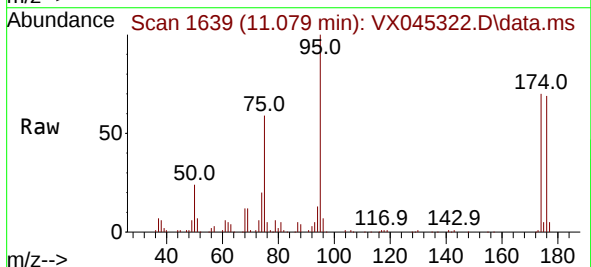
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

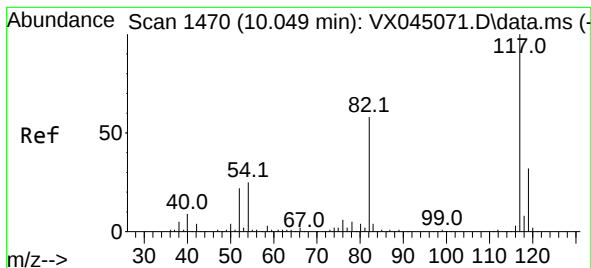
Tgt Ion: 98 Resp: 162628
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045322.D
Acq: 18 Mar 2025 14:04

Tgt Ion: 95 Resp: 54400
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.2
176 70.2 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: VX045322.D

Acq: 18 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250310

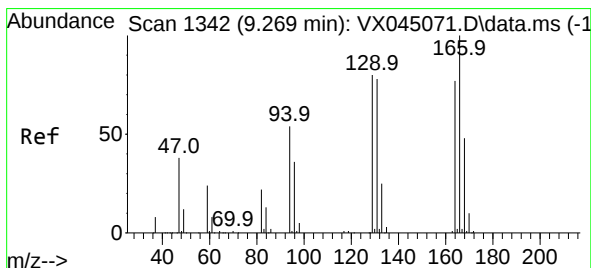
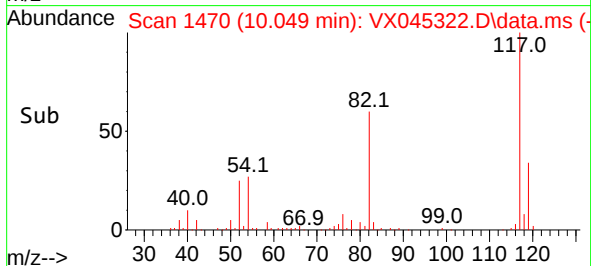
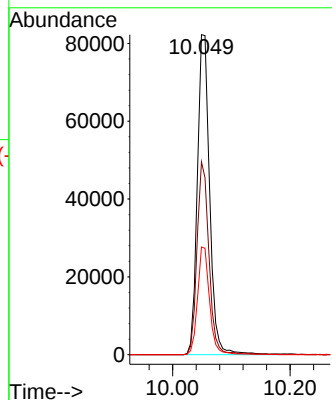
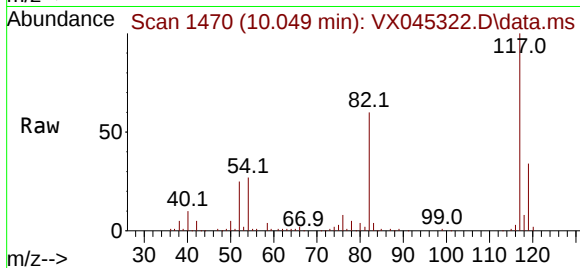
Tgt Ion:117 Resp: 119707

Ion Ratio Lower Upper

117 100

82 60.2 46.3 69.5

119 33.7 25.7 38.5



#64

Tetrachloroethene

Concen: 0.557 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045322.D

Acq: 18 Mar 2025 14:04

Tgt Ion:164 Resp: 427

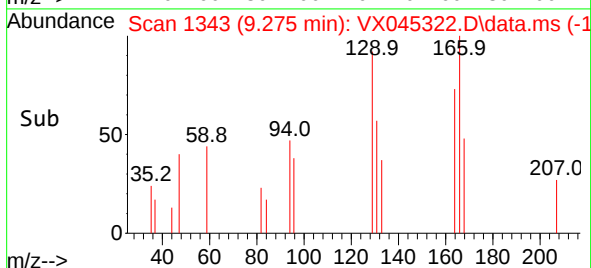
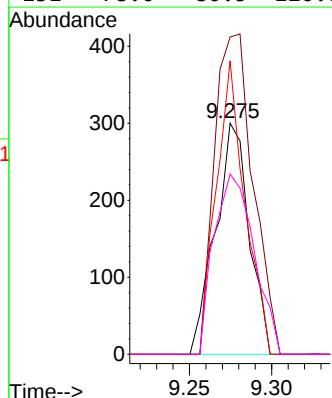
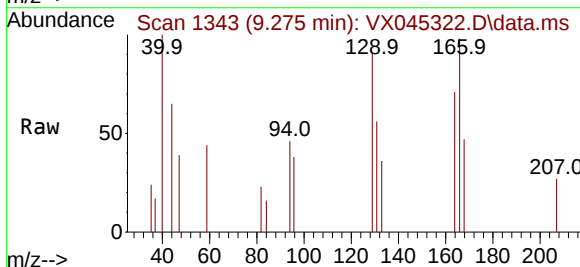
Ion Ratio Lower Upper

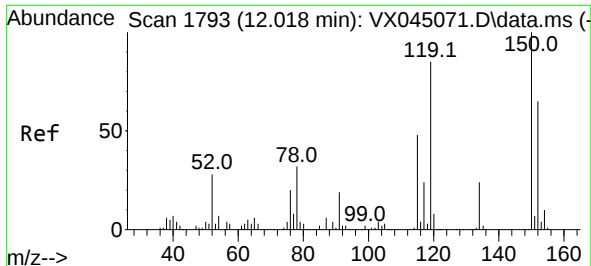
164 100

166 137.3 103.6 155.4

129 127.0 82.7 124.1#

131 78.0 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: VX045322.D

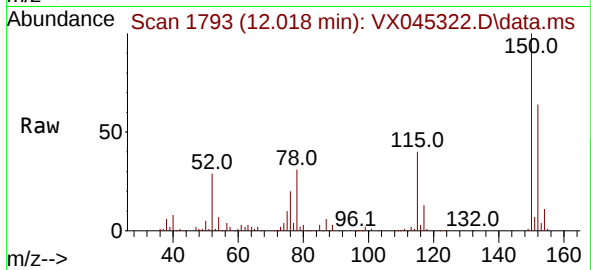
Acq: 18 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250310



Tgt Ion:152 Resp: 47647

Ion Ratio Lower Upper

152 100

115 60.0 44.2 132.6

150 155.0 0.0 349.0

