

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045409.D
 Acq On : 24 Mar 2025 12:57
 Operator : JC/MD
 Sample : Q1608-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20250317DL

Quant Time: Mar 25 01:32:40 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)

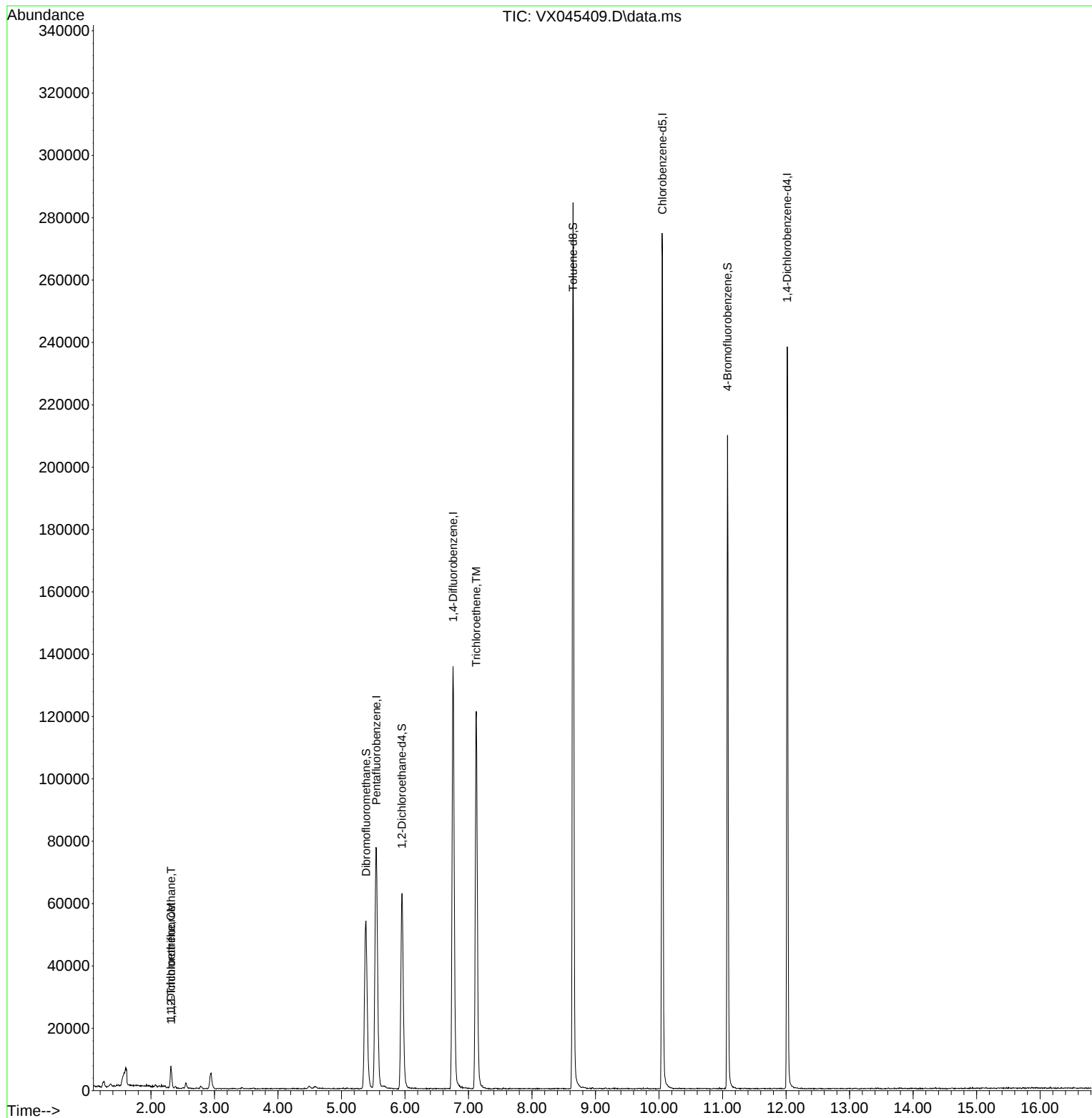
Internal Standards						
1) Pentafluorobenzene	5.550	168	67782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61534	57.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.140%	
35) Dibromofluoromethane	5.385	113	47399	53.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.820%	
50) Toluene-d8	8.647	98	164206	51.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	55063	52.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.260%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	1419	1.801	ug/l	91
12) 1,1-Dichloroethene	2.312	96	1278	1.534	ug/l	96
44) Trichloroethene	7.123	130	44814	50.125	ug/l	98

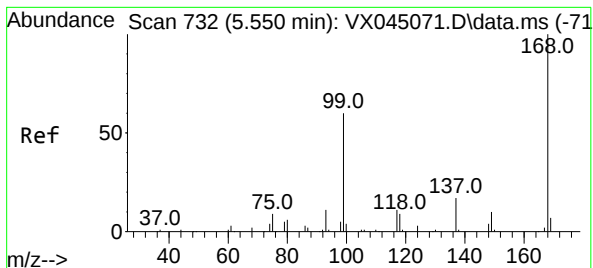
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX045409.D

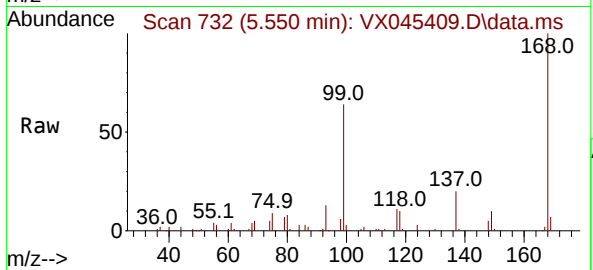
Acq: 24 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

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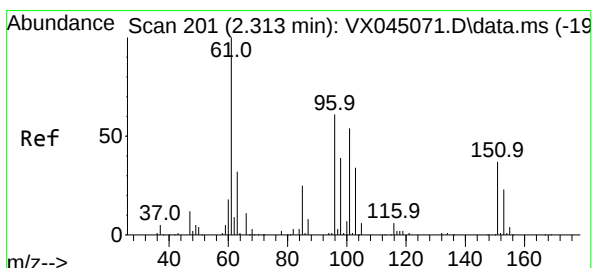
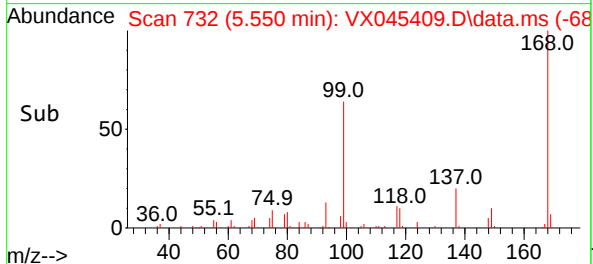
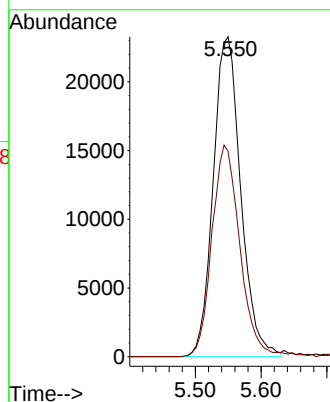


Tgt Ion:168 Resp: 67782

Ion Ratio Lower Upper

168 100

99 64.2 48.2 72.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.801 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX045409.D

Acq: 24 Mar 2025 12:57

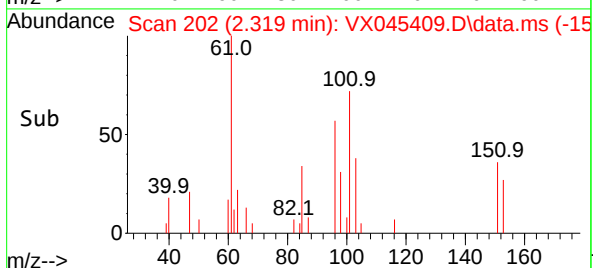
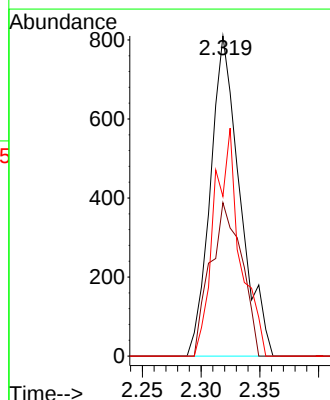
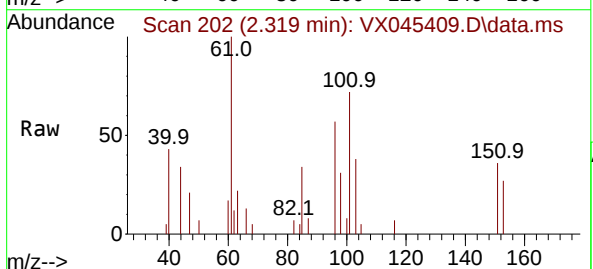
Tgt Ion:101 Resp: 1419

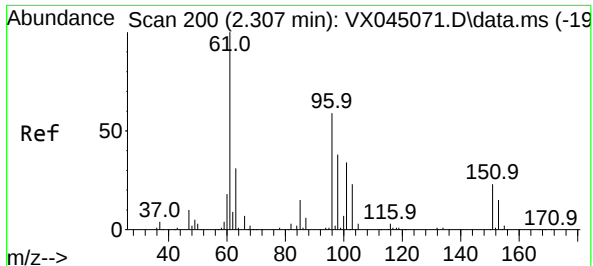
Ion Ratio Lower Upper

101 100

85 50.8 36.2 54.4

151 62.5 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.534 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045409.D

Acq: 24 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20250317DL

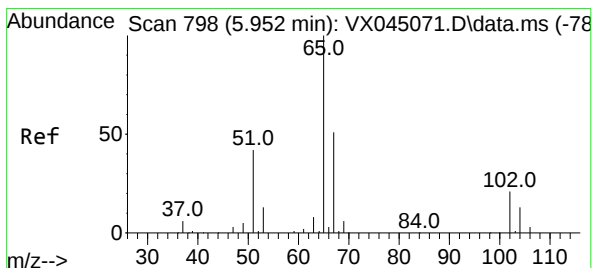
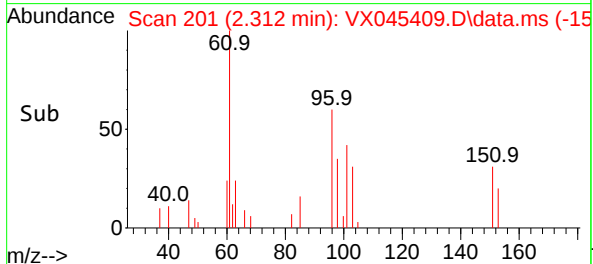
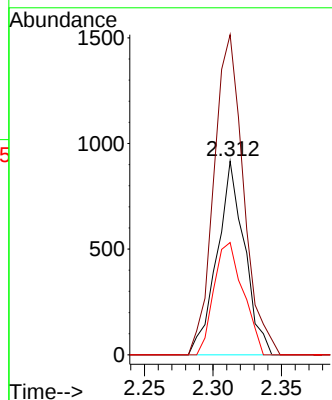
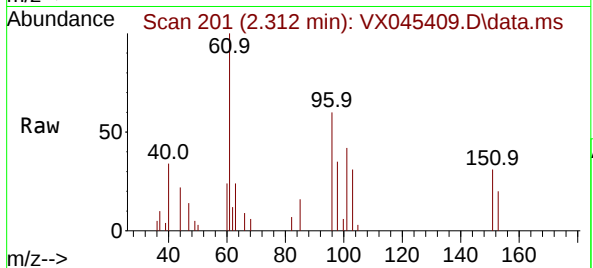
Tgt Ion: 96 Resp: 1278

Ion Ratio Lower Upper

96 100

61 165.4 134.6 202.0

98 58.0 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 57.073 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045409.D

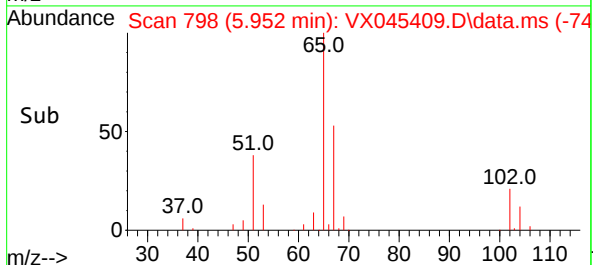
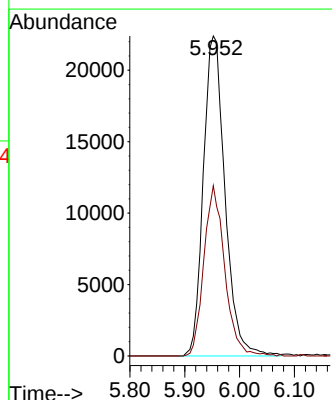
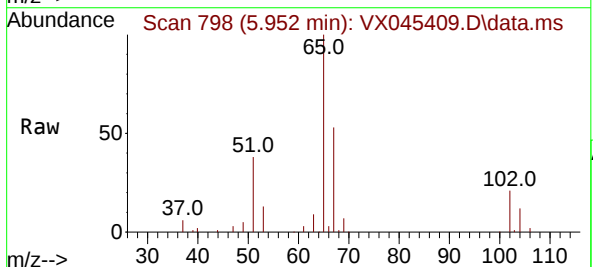
Acq: 24 Mar 2025 12:57

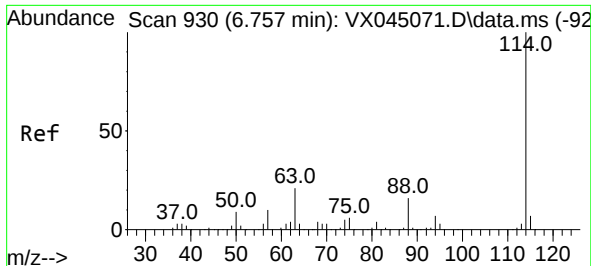
Tgt Ion: 65 Resp: 61534

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.2

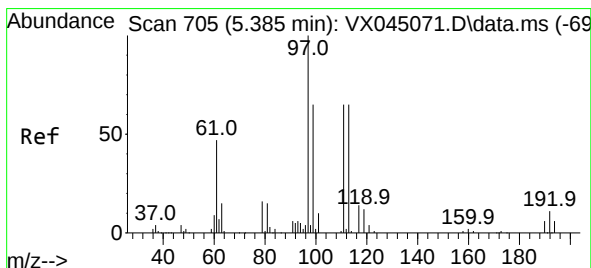
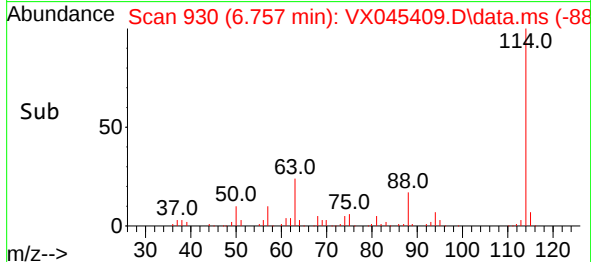
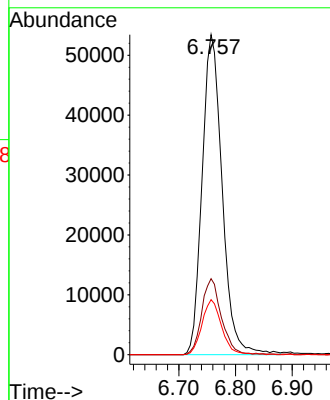
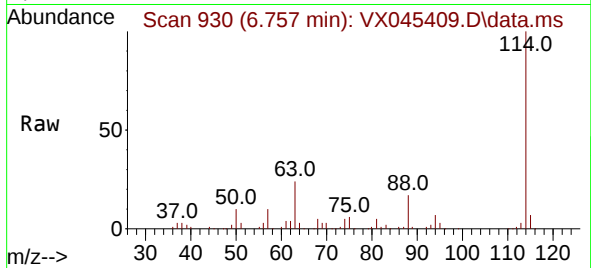




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

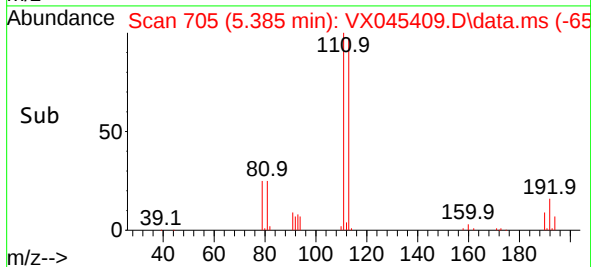
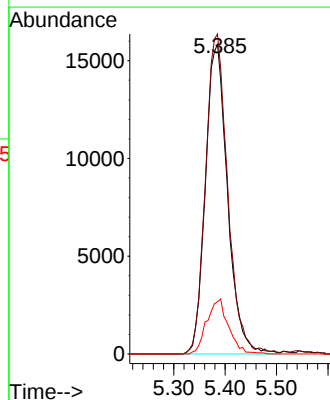
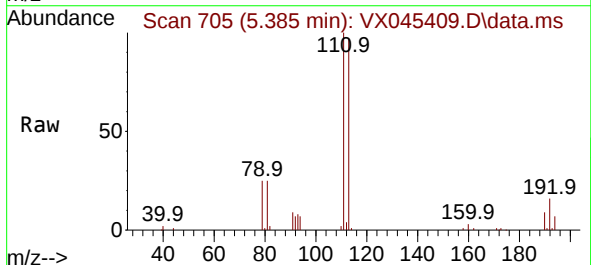
Instrument :
MSVOA_X
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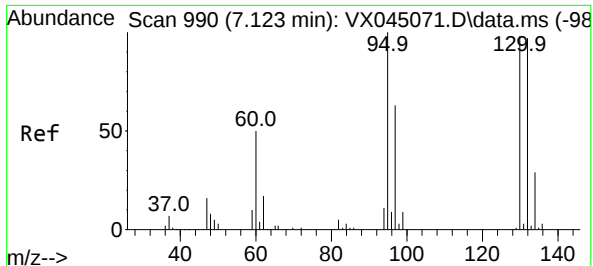
Tgt Ion:114 Resp: 131487
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.910 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

Tgt Ion:113 Resp: 47399
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.4 14.3 21.5

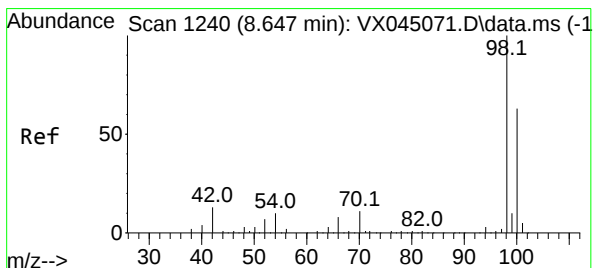
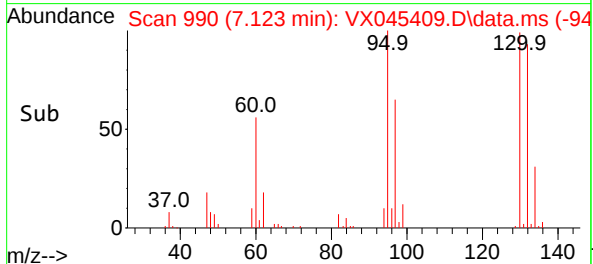
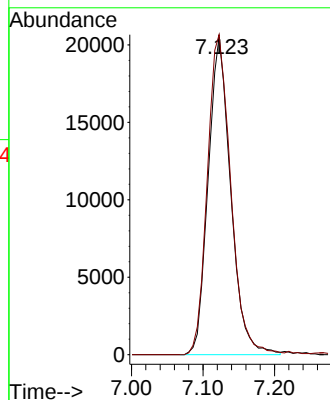
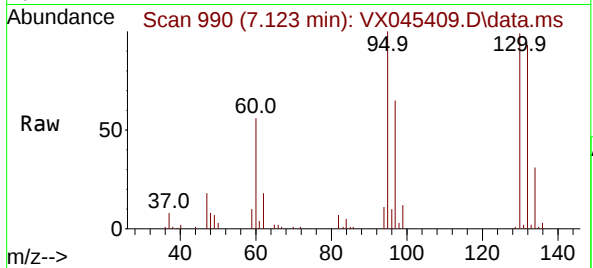




#44
Trichloroethene
Concen: 50.125 ug/l
RT: 7.123 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

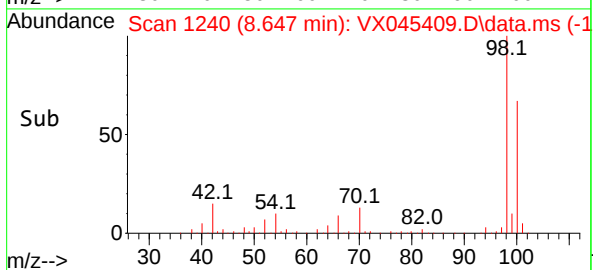
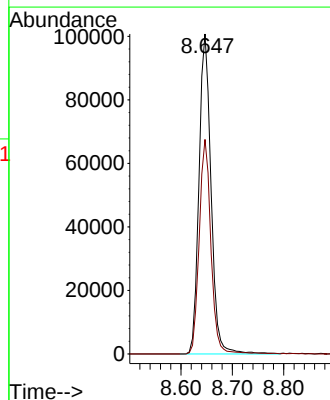
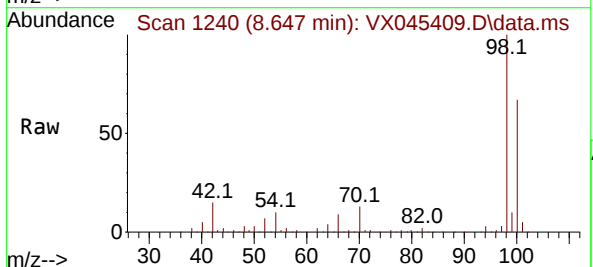
Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20250317DL

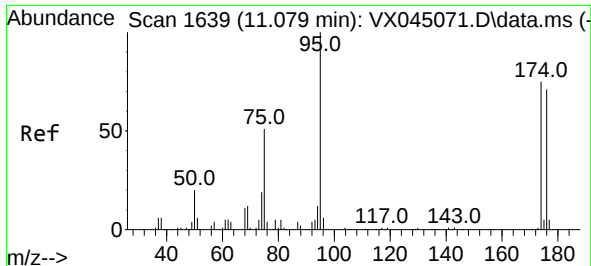
Tgt Ion:130 Resp: 44814
Ion Ratio Lower Upper
130 100
95 100.7 0.0 205.0



#50
Toluene-d8
Concen: 51.516 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

Tgt Ion: 98 Resp: 164206
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

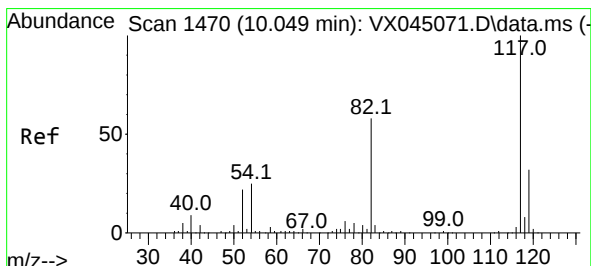
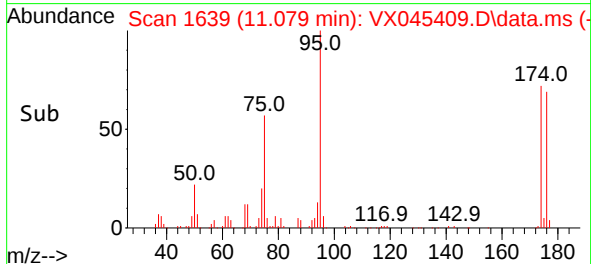
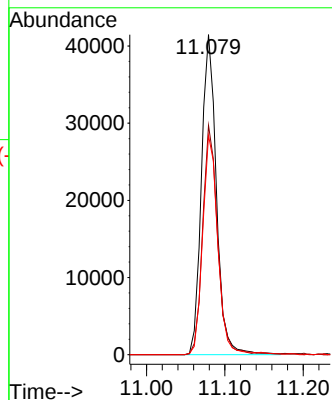
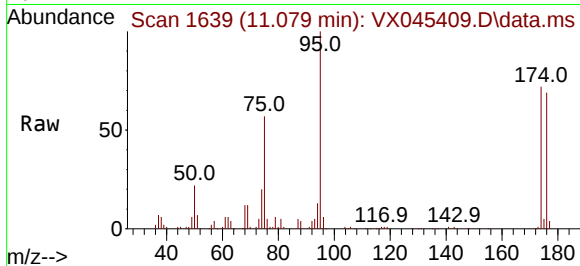




#62
4-Bromofluorobenzene
Concen: 52.131 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

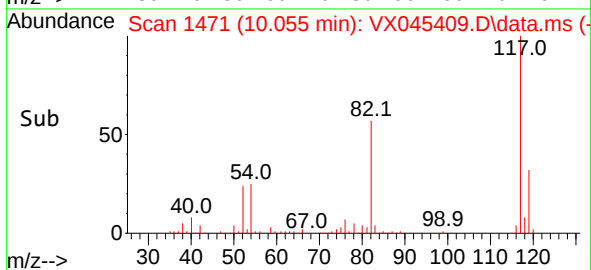
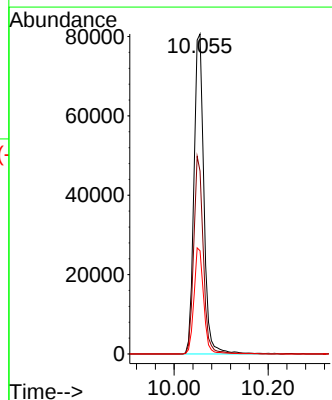
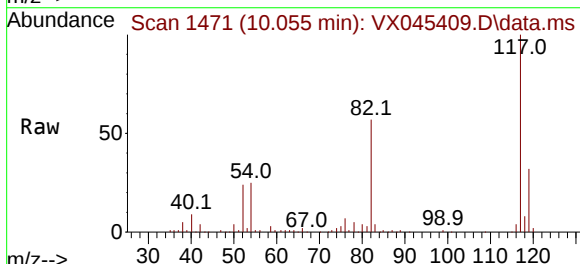
Instrument :
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ClientSampleId :
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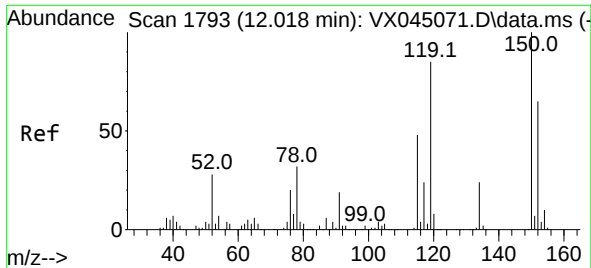
Tgt Ion: 95 Resp: 55063
Ion Ratio Lower Upper
95 100
174 71.8 0.0 148.2
176 69.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045409.D
Acq: 24 Mar 2025 12:57

Tgt Ion: 117 Resp: 118431
Ion Ratio Lower Upper
117 100
82 57.2 46.3 69.5
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045409.D

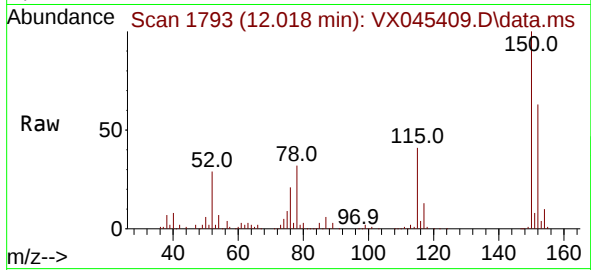
Acq: 24 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20250317DL



Tgt Ion:152 Resp: 46305

Ion Ratio Lower Upper

152 100

115 62.8 44.2 132.6

150 157.7 0.0 349.0

