

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045396.D
 Acq On : 21 Mar 2025 18:21
 Operator : JC/MD
 Sample : Q1608-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20250317

Quant Time: Mar 21 23:19:35 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)

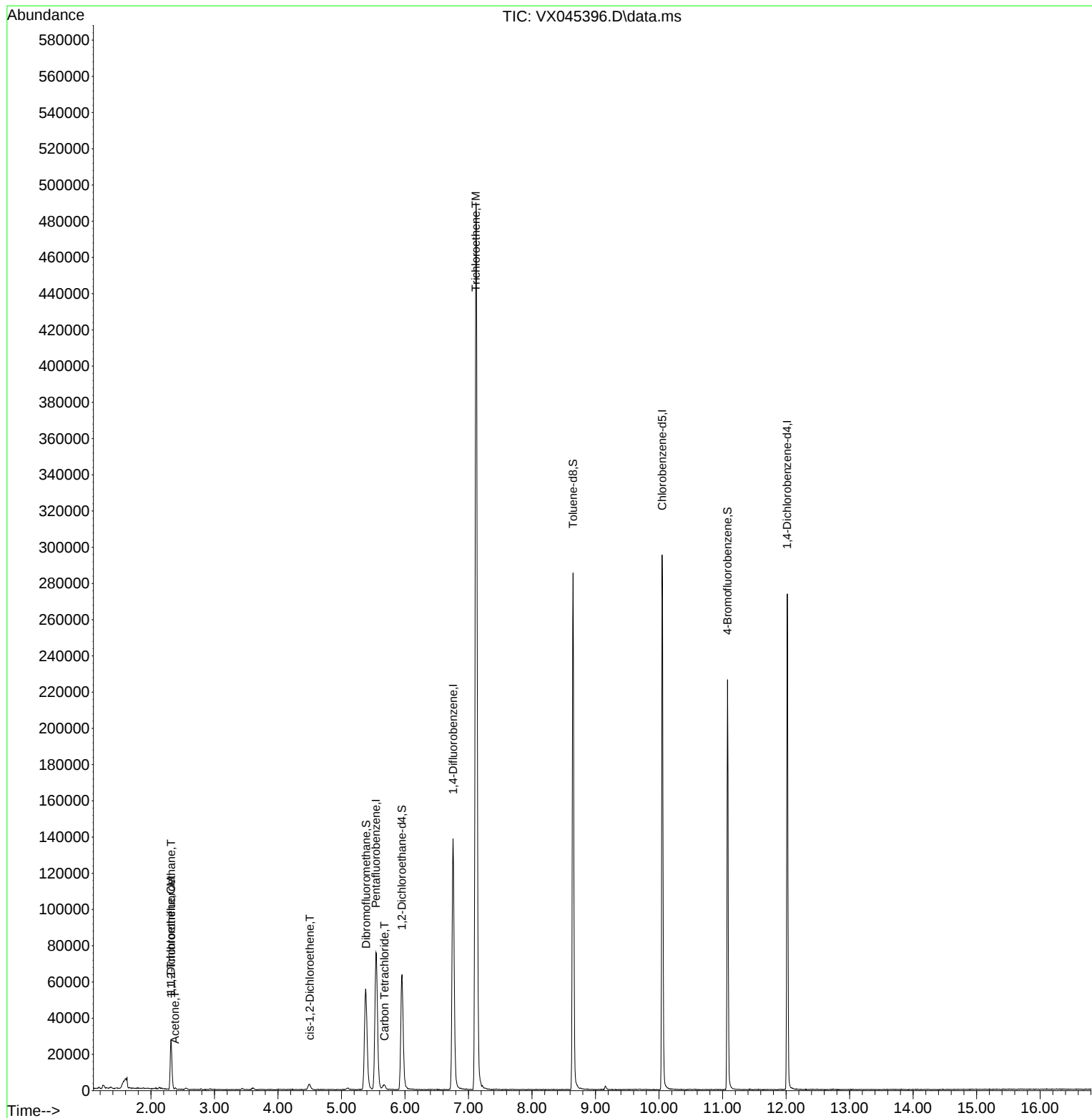
Internal Standards						
1) Pentafluorobenzene	5.544	168	66410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62856	59.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.000%	
35) Dibromofluoromethane	5.385	113	47872	54.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.940%	
50) Toluene-d8	8.647	98	163480	51.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	11.079	95	56775	53.778	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.560%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.318	101	5497	7.122	ug/l	98
12) 1,1-Dichloroethene	2.312	96	5185	6.354	ug/l	95
16) Acetone	2.379	43	886	1.808	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	1948	1.957	ug/l	95
38) Carbon Tetrachloride	5.678	117	2096	1.713	ug/l	90
44) Trichloroethene	7.116	130	180938	202.480	ug/l	98

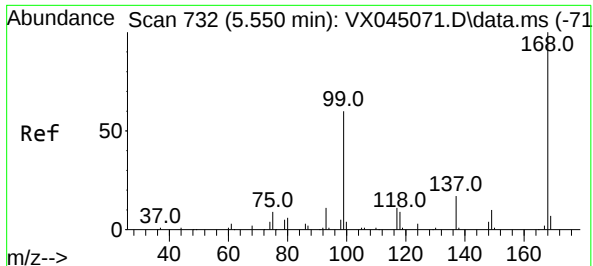
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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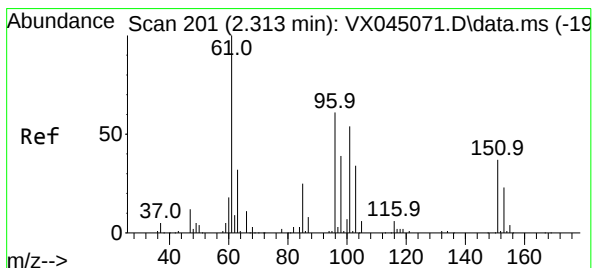
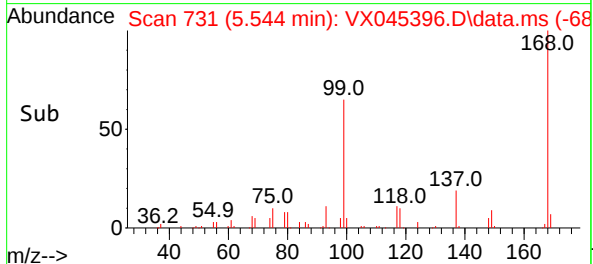
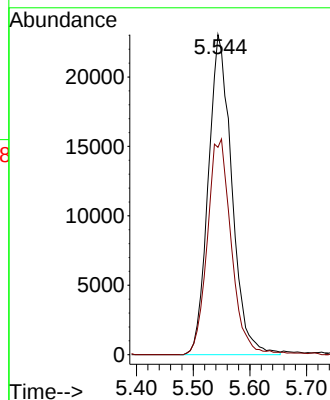
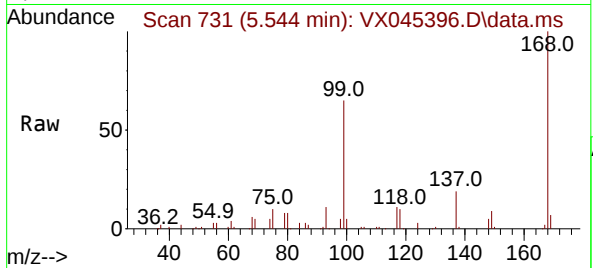




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

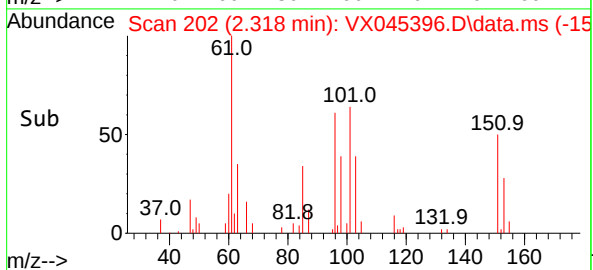
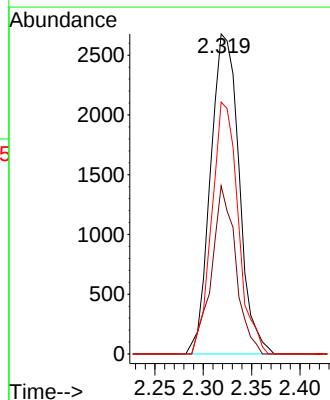
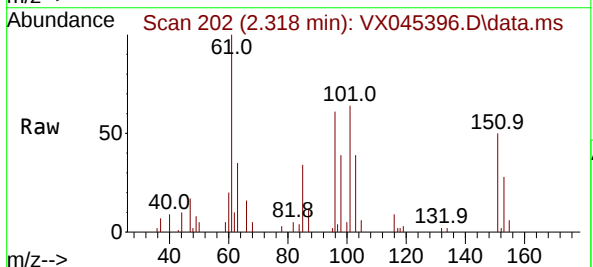
Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20250317

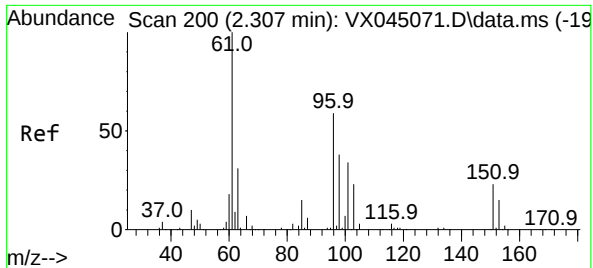
Tgt Ion:168 Resp: 66410
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.122 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

Tgt Ion:101 Resp: 5497
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 72.8 56.4 84.6

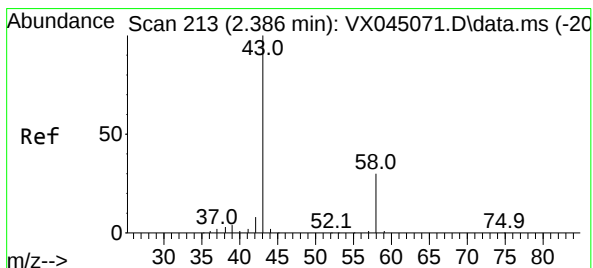
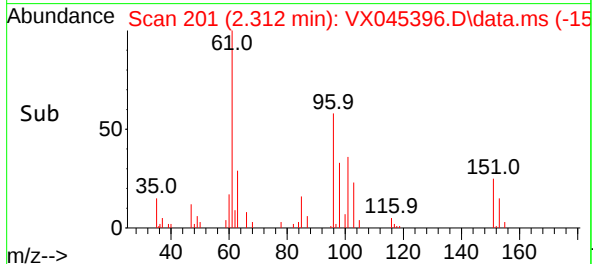
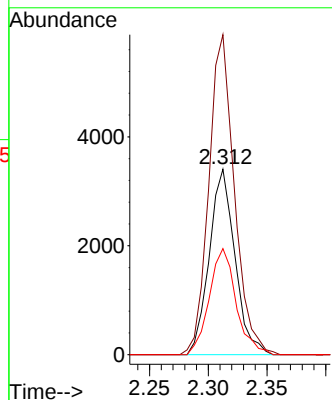
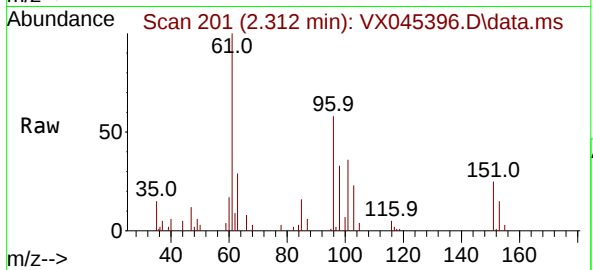




#12
1,1-Dichloroethene
Concen: 6.354 ug/l
RT: 2.312 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

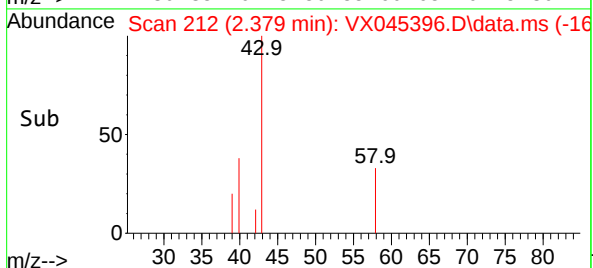
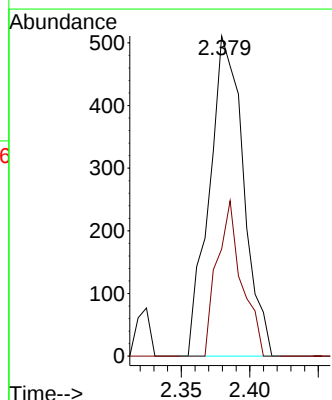
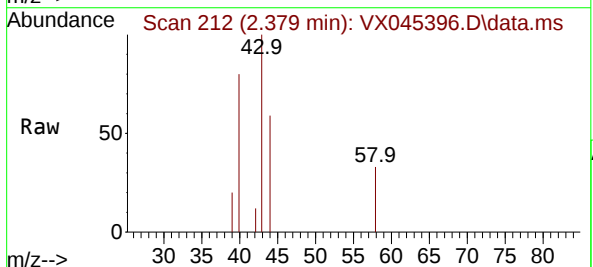
Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20250317

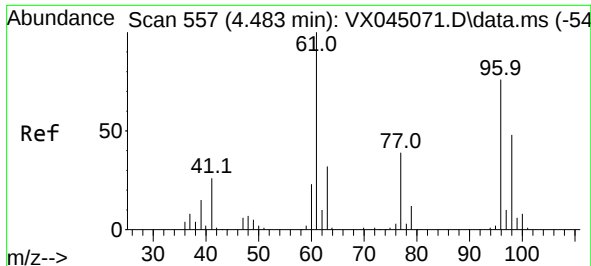
Tgt Ion: 96 Resp: 5185
Ion Ratio Lower Upper
96 100
61 172.6 134.6 202.0
98 57.2 51.0 76.6



#16
Acetone
Concen: 1.808 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 33.5 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 1.957 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX045396.D

Acq: 21 Mar 2025 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20250317

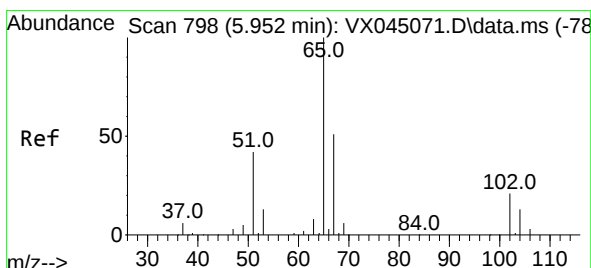
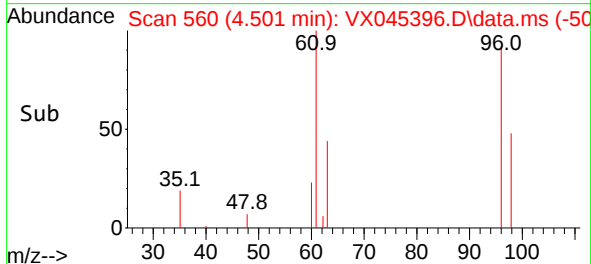
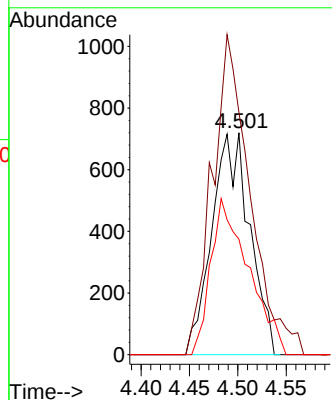
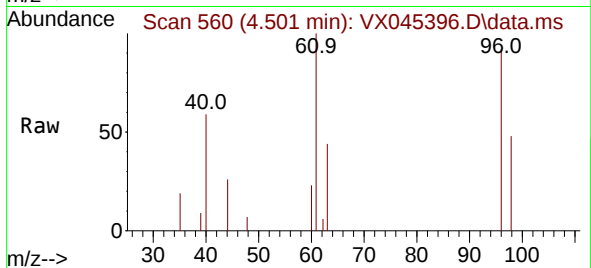
Tgt Ion: 96 Resp: 1948

Ion Ratio Lower Upper

96 100

61 145.2 0.0 283.2

98 70.7 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 59.503 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045396.D

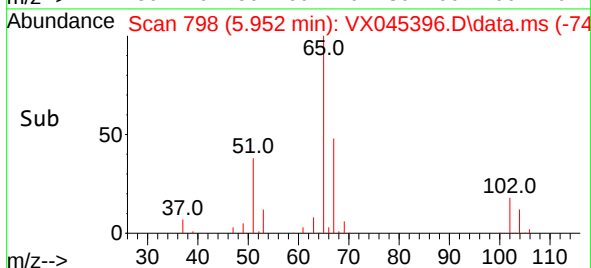
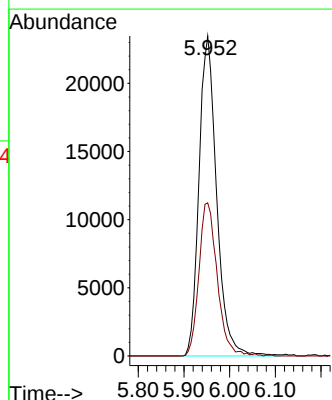
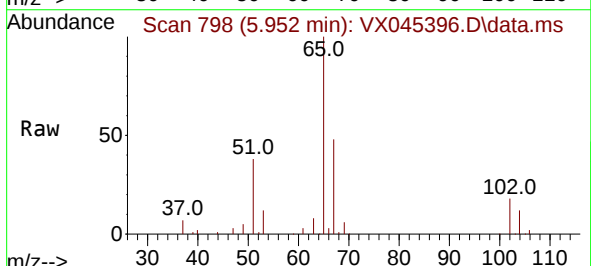
Acq: 21 Mar 2025 18:21

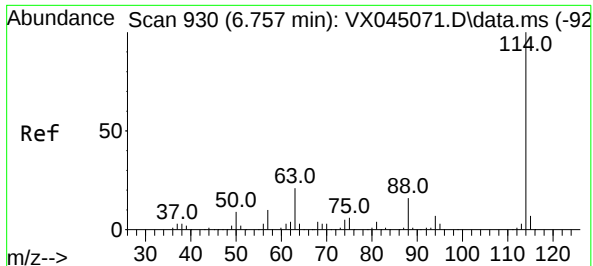
Tgt Ion: 65 Resp: 62856

Ion Ratio Lower Upper

65 100

67 49.5 0.0 106.2

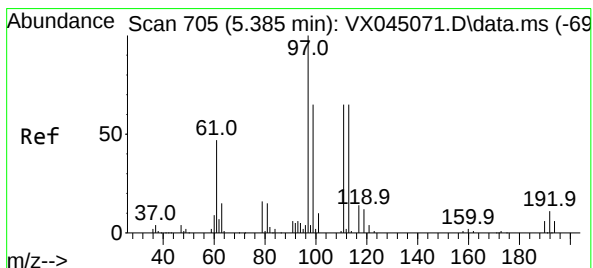
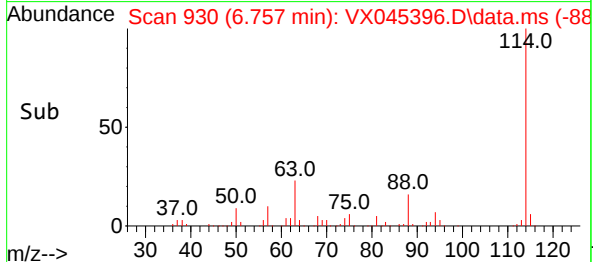
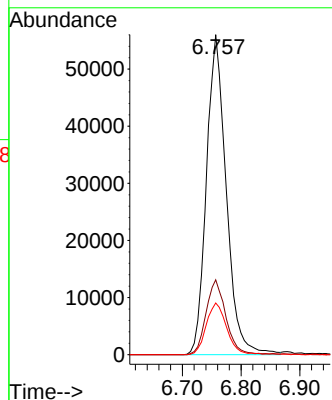
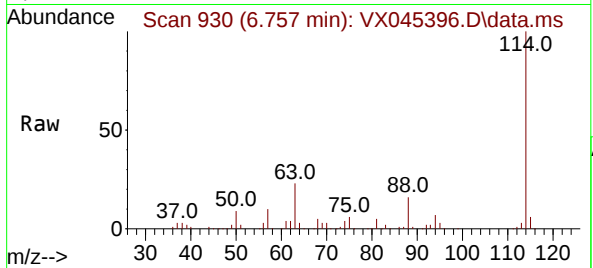




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

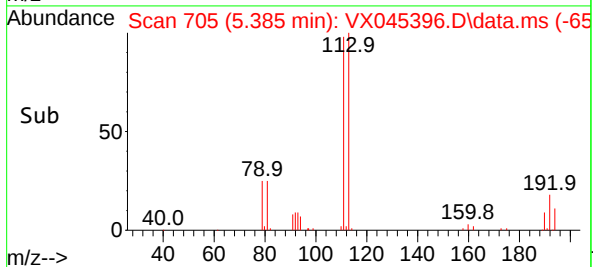
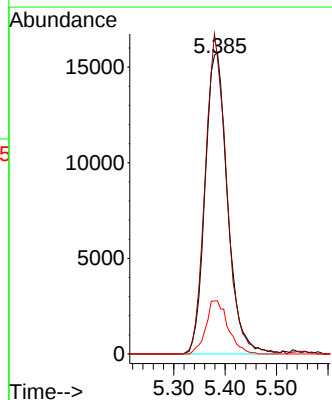
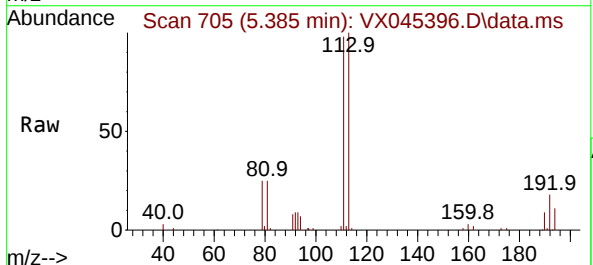
Instrument :
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ClientSampleId :
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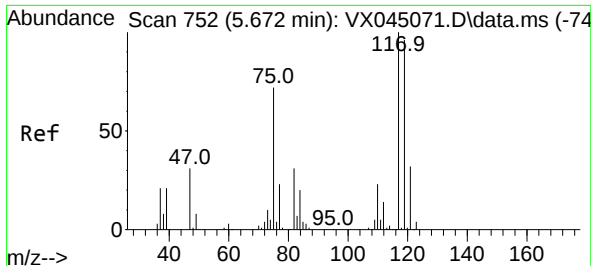
Tgt Ion:114 Resp: 131424
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

Tgt Ion:113 Resp: 47872
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.4 14.3 21.5

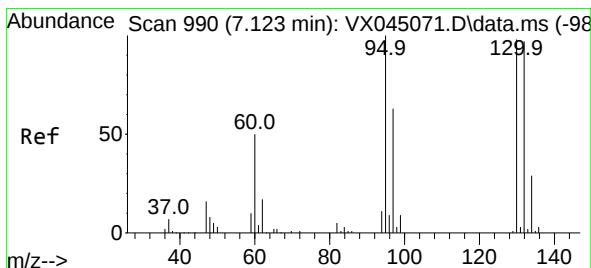
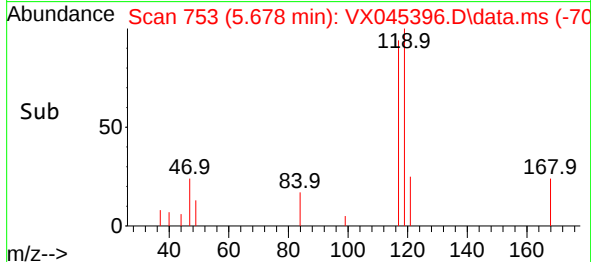
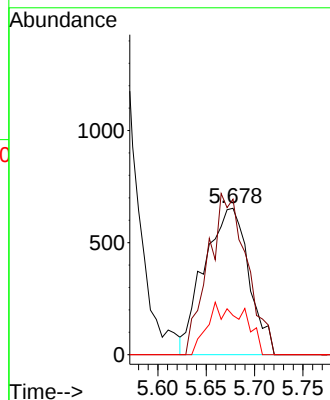
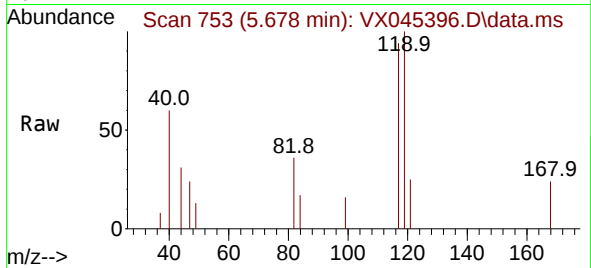




#38
Carbon Tetrachloride
Concen: 1.713 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

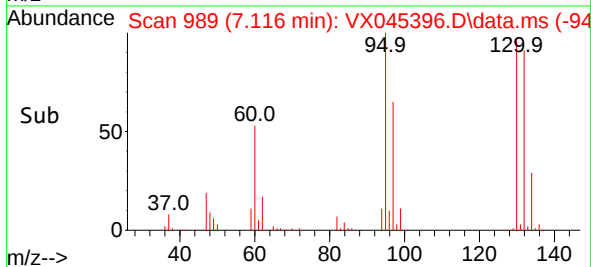
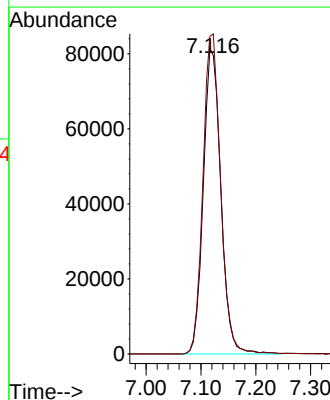
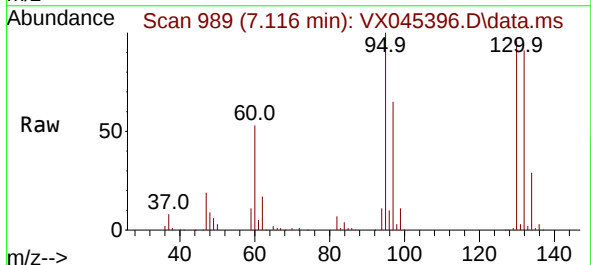
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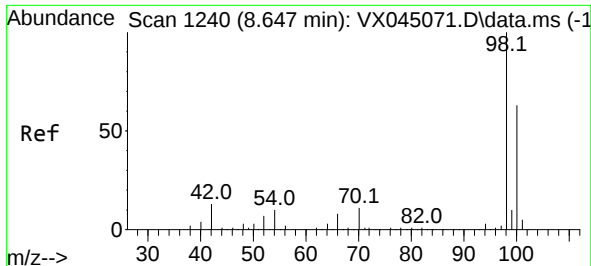
Tgt Ion:117 Resp: 2096
Ion Ratio Lower Upper
117 100
119 106.3 76.7 115.1
121 26.8 25.5 38.3



#44
Trichloroethene
Concen: 202.480 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

Tgt Ion:130 Resp: 180938
Ion Ratio Lower Upper
130 100
95 104.0 0.0 205.0

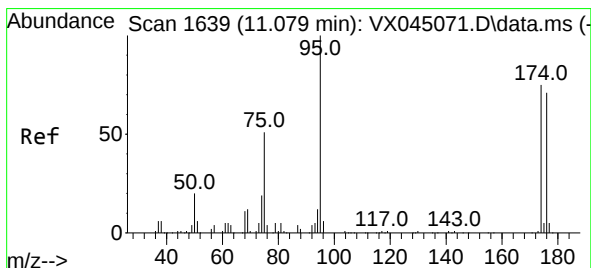
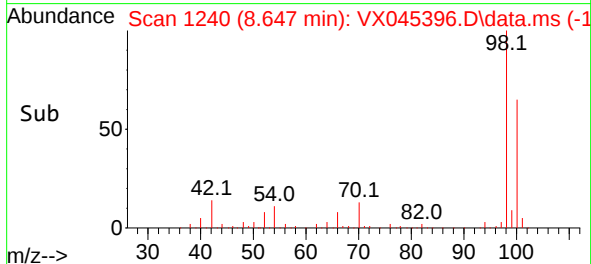
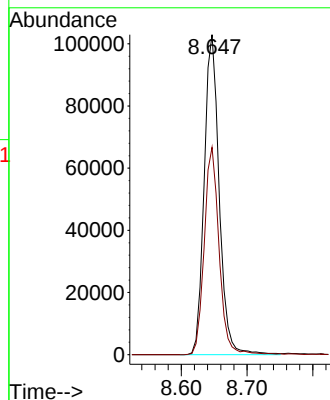
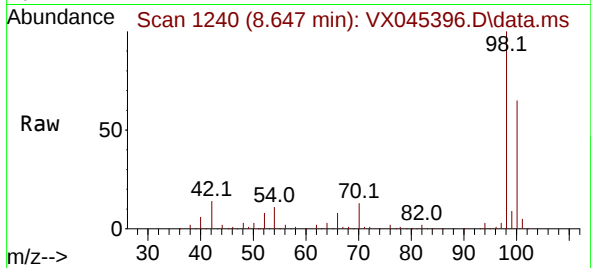




#50
Toluene-d8
Concen: 51.313 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

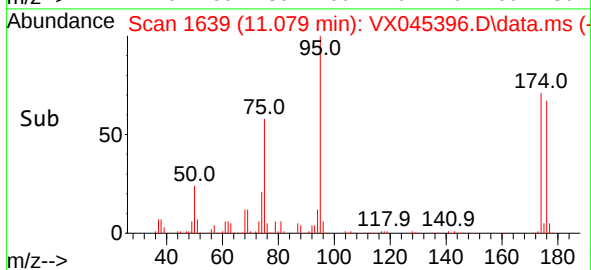
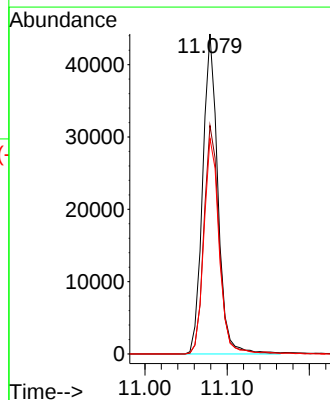
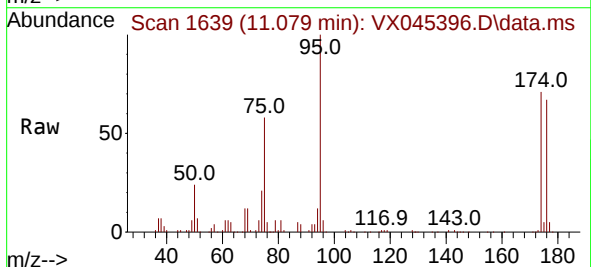
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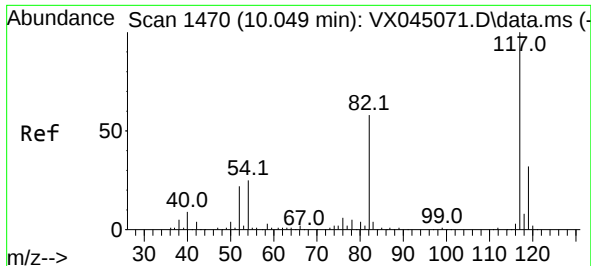
Tgt Ion: 98 Resp: 163480
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.778 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045396.D
Acq: 21 Mar 2025 18:21

Tgt Ion: 95 Resp: 56775
Ion Ratio Lower Upper
95 100
174 71.7 0.0 148.2
176 68.2 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: VX045396.D

Acq: 21 Mar 2025 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20250317

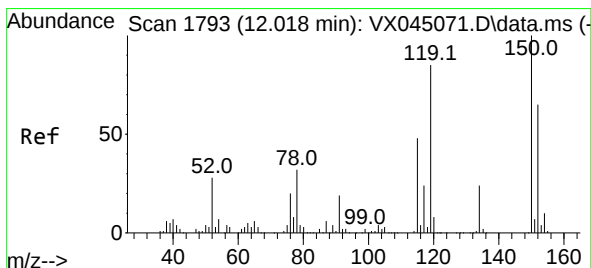
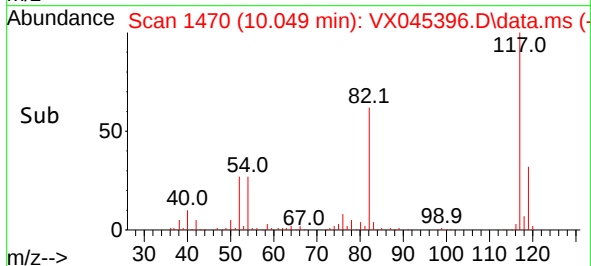
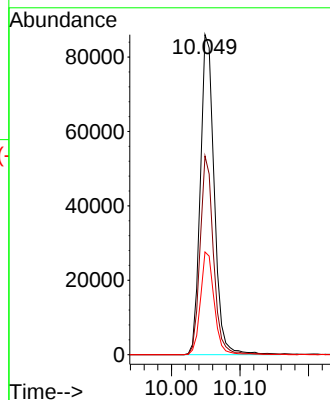
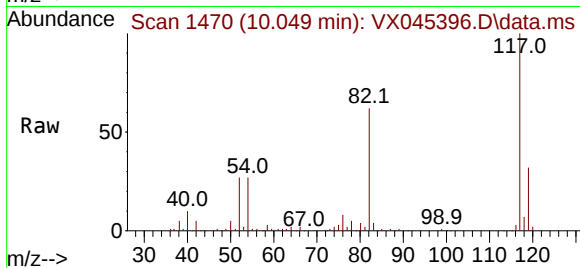
Tgt Ion:117 Resp: 121699

Ion Ratio Lower Upper

117 100

82 62.1 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: VX045396.D

Acq: 21 Mar 2025 18:21

Tgt Ion:152 Resp: 50801

Ion Ratio Lower Upper

152 100

115 63.5 44.2 132.6

150 156.8 0.0 349.0

