

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045383.D
 Acq On : 21 Mar 2025 13:18
 Operator : JC/MD
 Sample : Q1582-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250313DL

Quant Time: Mar 21 23:14:31 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)

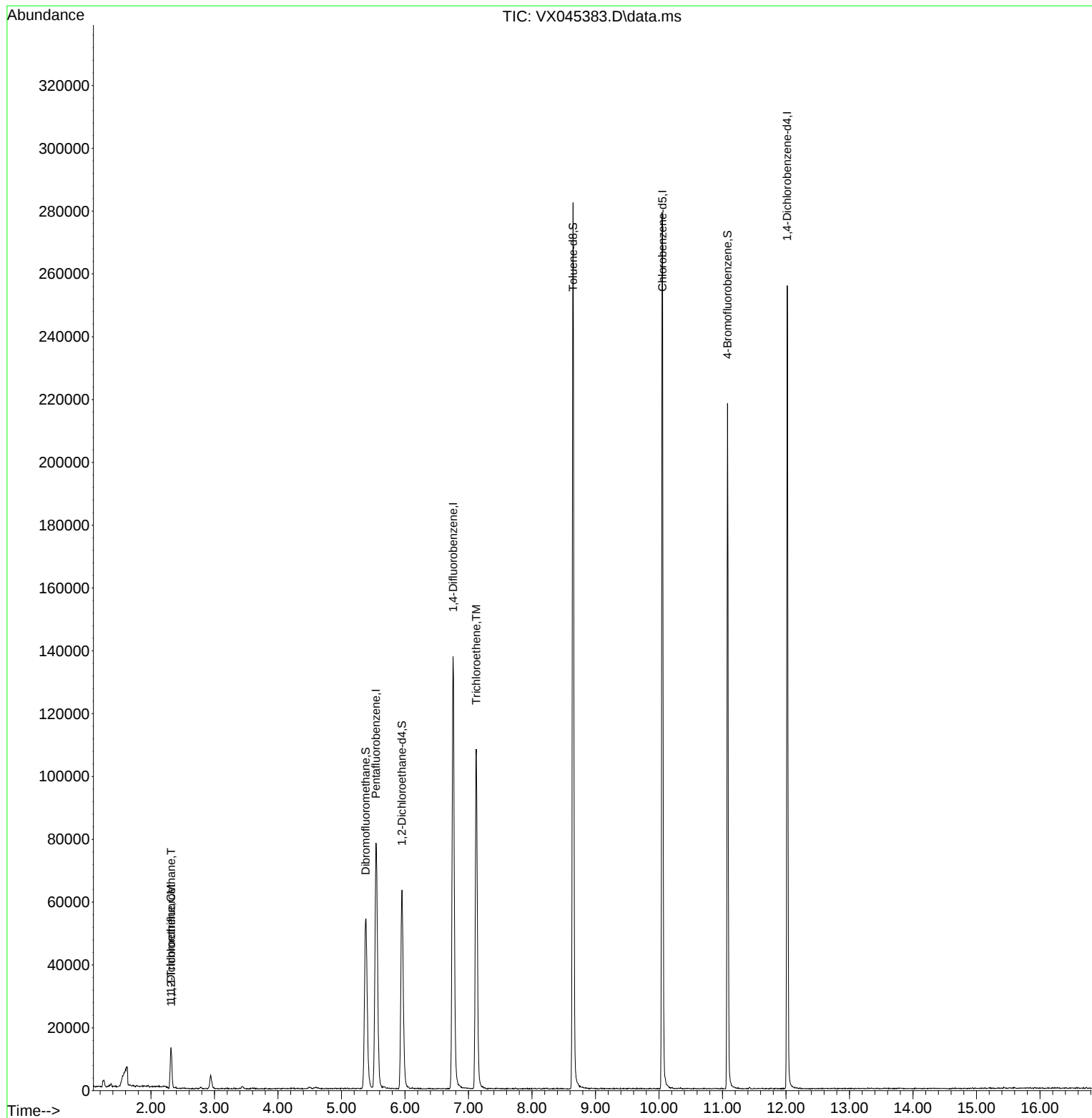
Internal Standards						
1) Pentafluorobenzene	5.544	168	67762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61840	57.373	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.740%		
35) Dibromofluoromethane	5.379	113	47362	53.480	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.960%		
50) Toluene-d8	8.647	98	161724	50.372	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	11.079	95	55132	51.821	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.640%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	3454	4.386	ug/l	99
12) 1,1-Dichloroethene	2.313	96	1735	2.084	ug/l	96
44) Trichloroethene	7.123	130	40681	45.175	ug/l	99

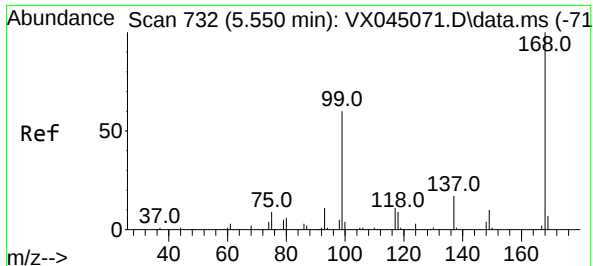
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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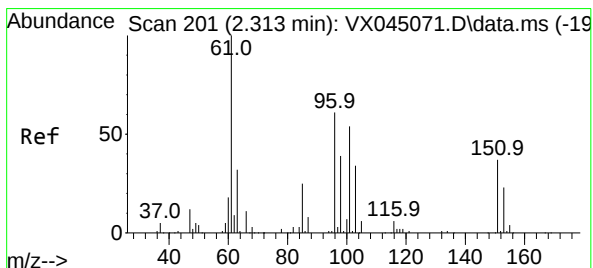
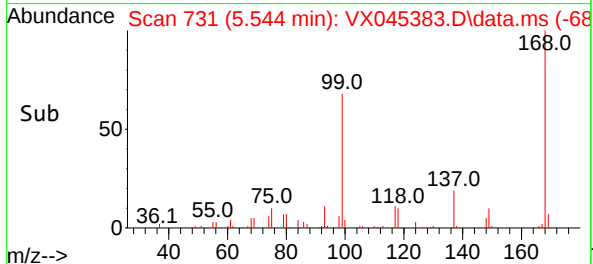
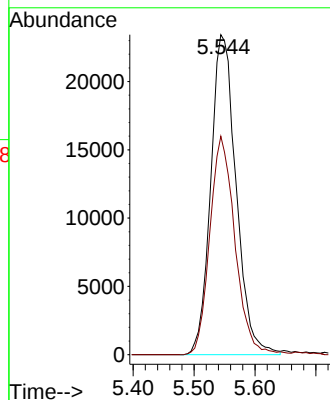
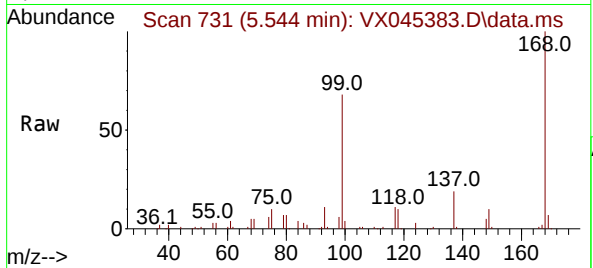




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

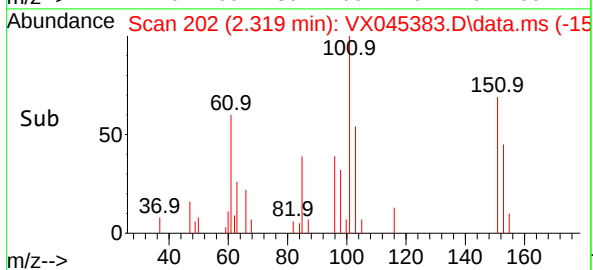
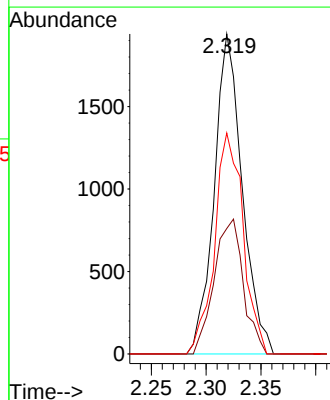
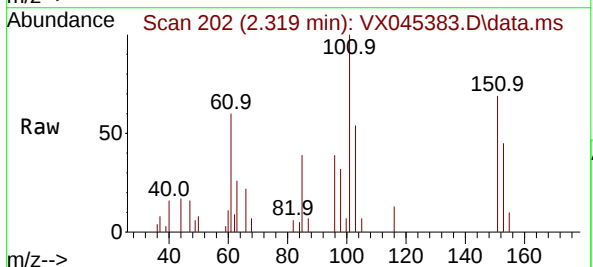
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

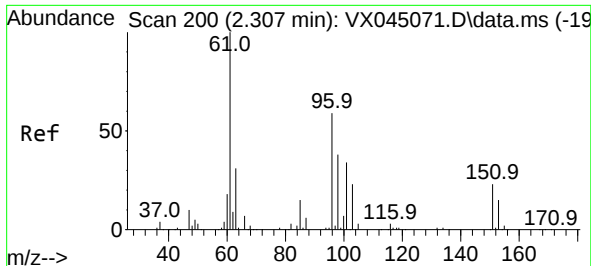
Tgt Ion:168 Resp: 67762
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.386 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion:101 Resp: 3454
Ion Ratio Lower Upper
101 100
85 43.9 36.2 54.4
151 70.1 56.4 84.6





#12

1,1-Dichloroethene

Concen: 2.084 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045383.D

Acq: 21 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20250313DL

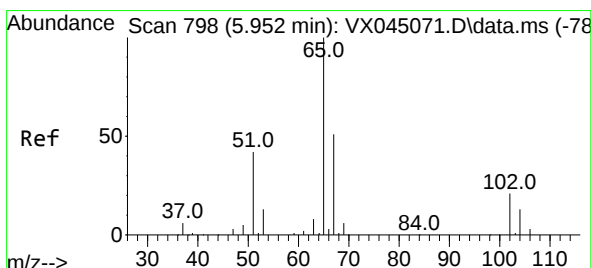
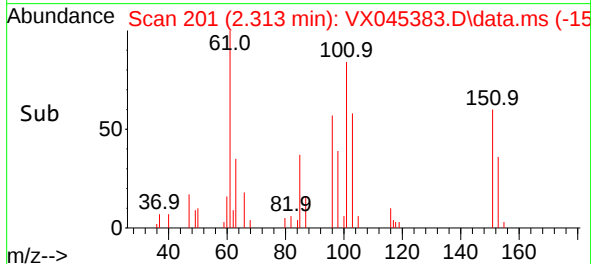
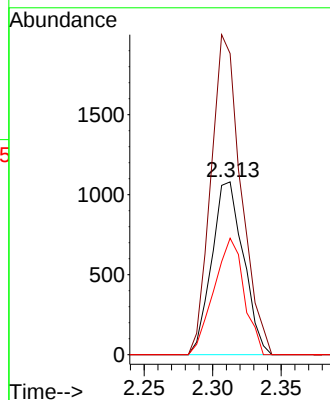
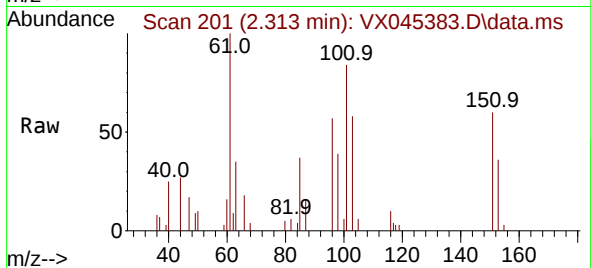
Tgt Ion: 96 Resp: 1735

Ion Ratio Lower Upper

96 100

61 174.3 134.6 202.0

98 67.4 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 57.373 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045383.D

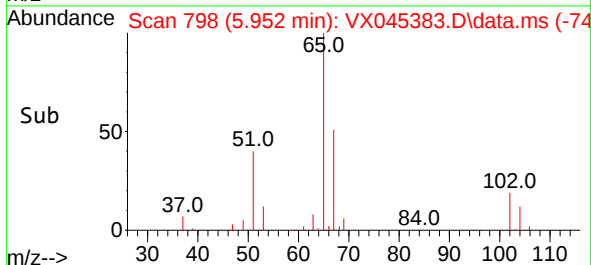
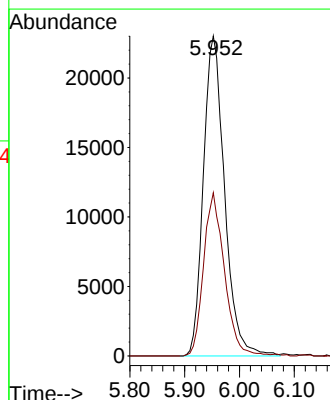
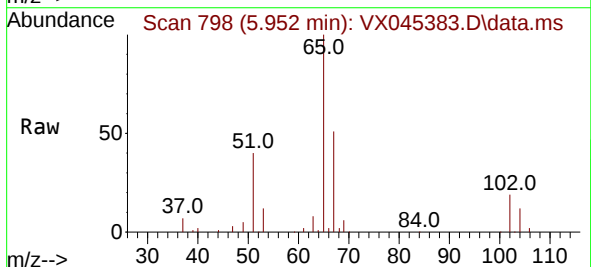
Acq: 21 Mar 2025 13:18

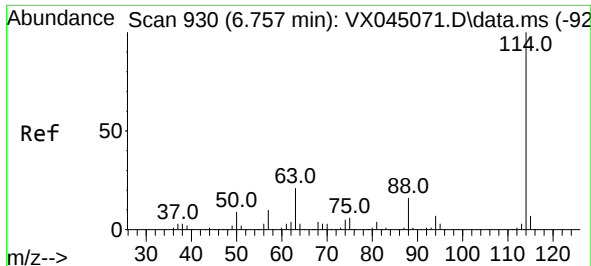
Tgt Ion: 65 Resp: 61840

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.2

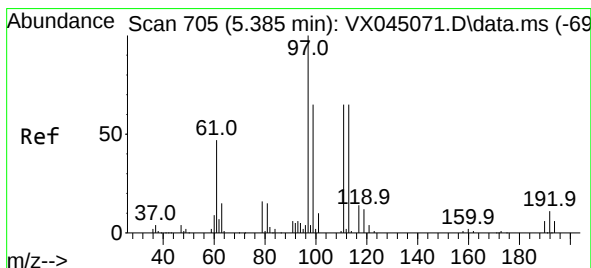
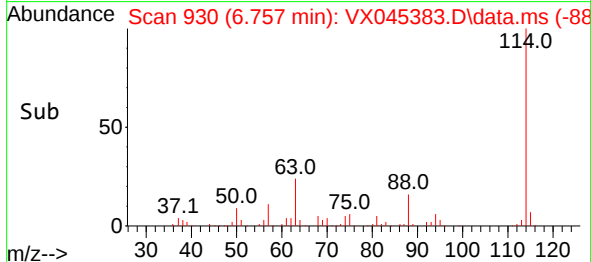
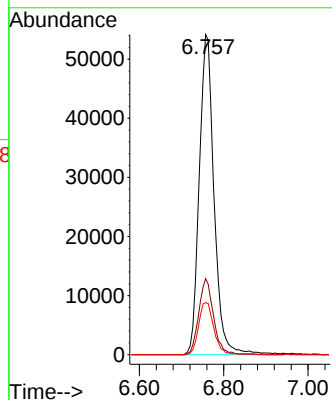
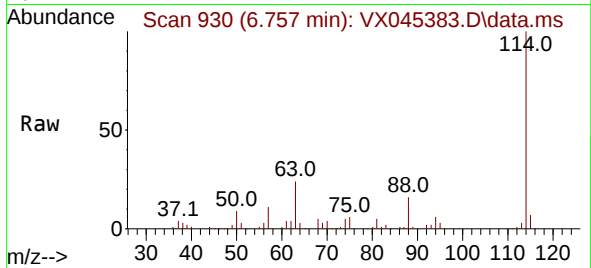




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

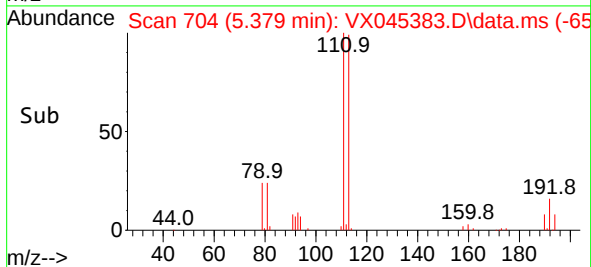
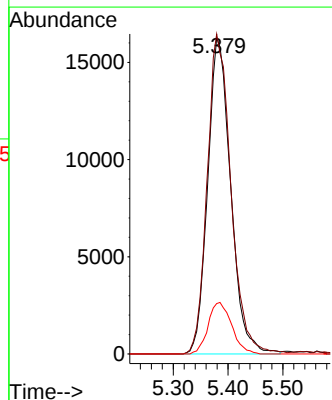
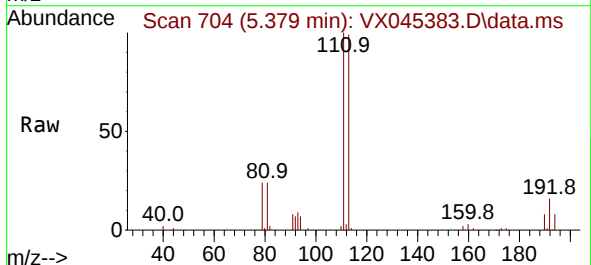
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

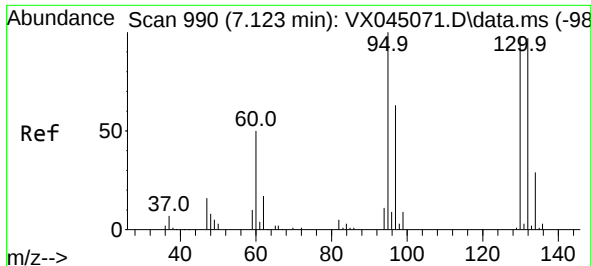
Tgt Ion:114 Resp: 132441
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion:113 Resp: 47362
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.7 14.3 21.5

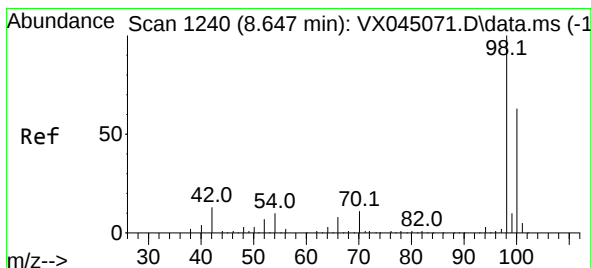
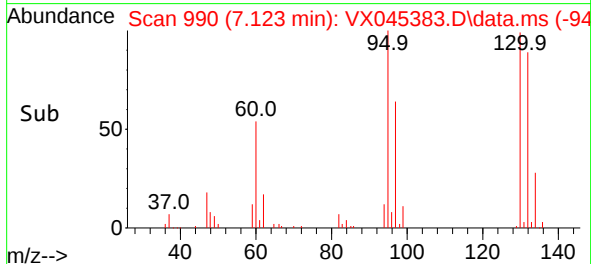
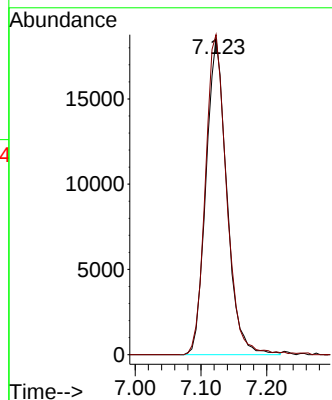
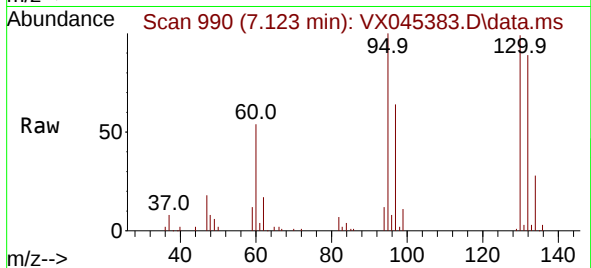




#44
Trichloroethene
Concen: 45.175 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

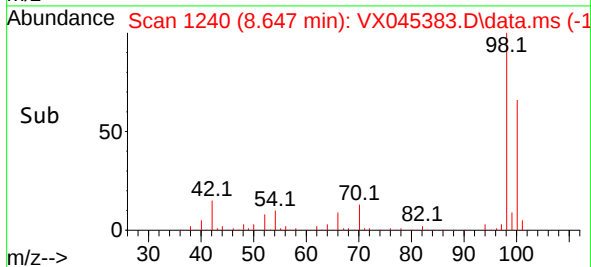
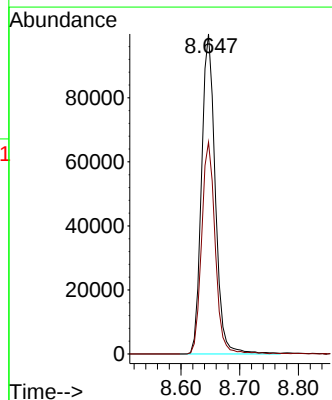
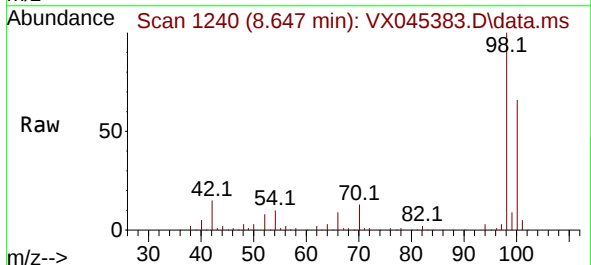
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250313DL

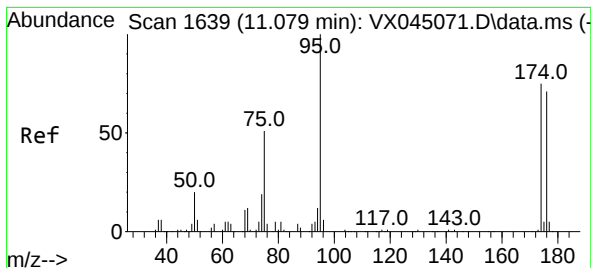
Tgt Ion:130 Resp: 40681
Ion Ratio Lower Upper
130 100
95 101.2 0.0 205.0



#50
Toluene-d8
Concen: 50.372 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 98 Resp: 161724
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

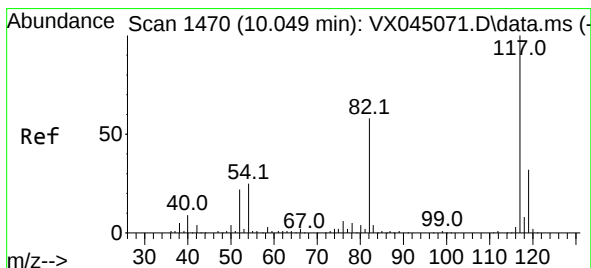
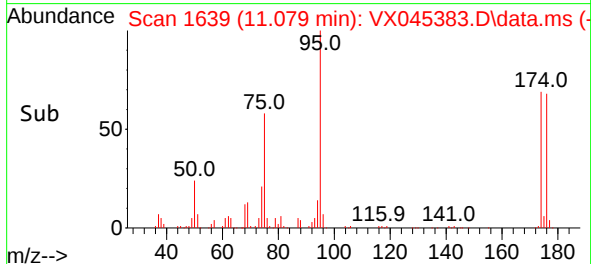
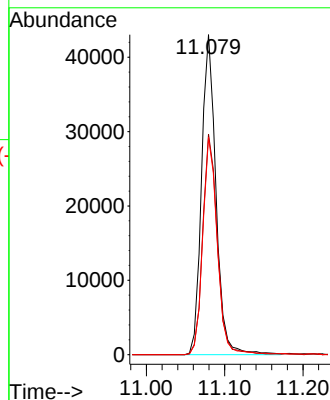
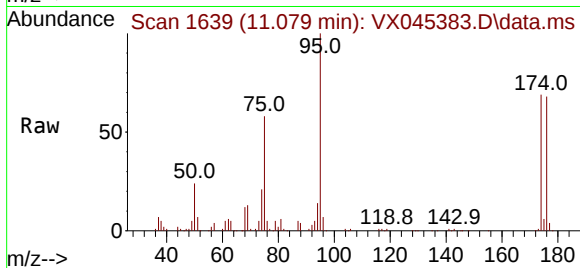




#62
4-Bromofluorobenzene
Concen: 51.821 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

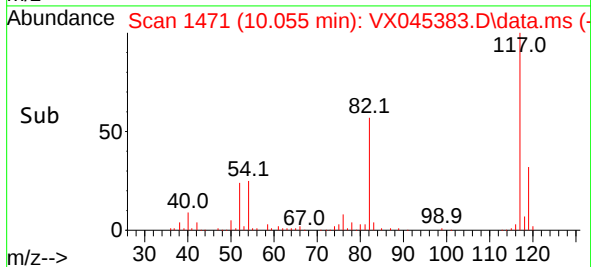
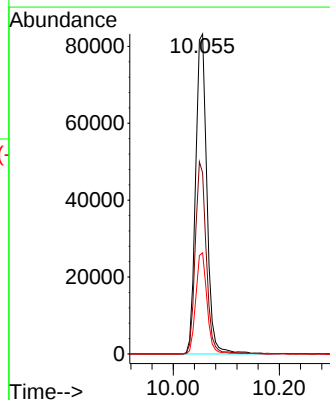
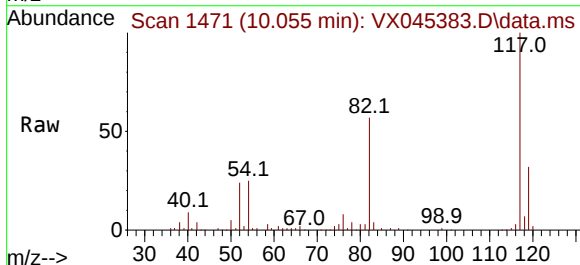
Instrument :
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ClientSampleId :
TT180D2-20250313DL

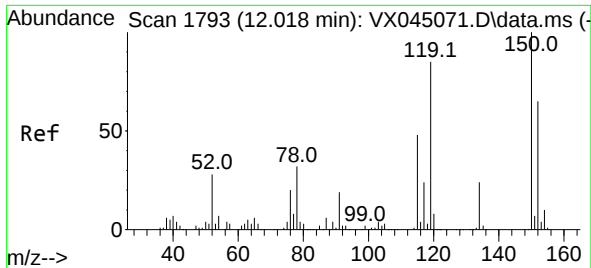
Tgt Ion: 95 Resp: 55132
Ion Ratio Lower Upper
95 100
174 69.9 0.0 148.2
176 68.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045383.D
Acq: 21 Mar 2025 13:18

Tgt Ion: 117 Resp: 123000
Ion Ratio Lower Upper
117 100
82 56.6 46.3 69.5
119 31.6 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: VX045383.D

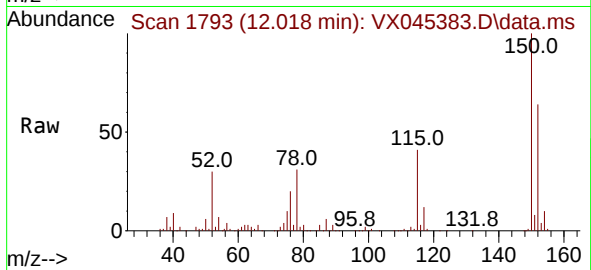
Acq: 21 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20250313DL



Tgt Ion:152 Resp: 48525

Ion Ratio Lower Upper

152 100

115 62.5 44.2 132.6

150 156.7 0.0 349.0

