

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045333.D
 Acq On : 18 Mar 2025 18:20
 Operator : JC/MD
 Sample : Q1559-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20250312

Quant Time: Mar 19 01:48:55 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)

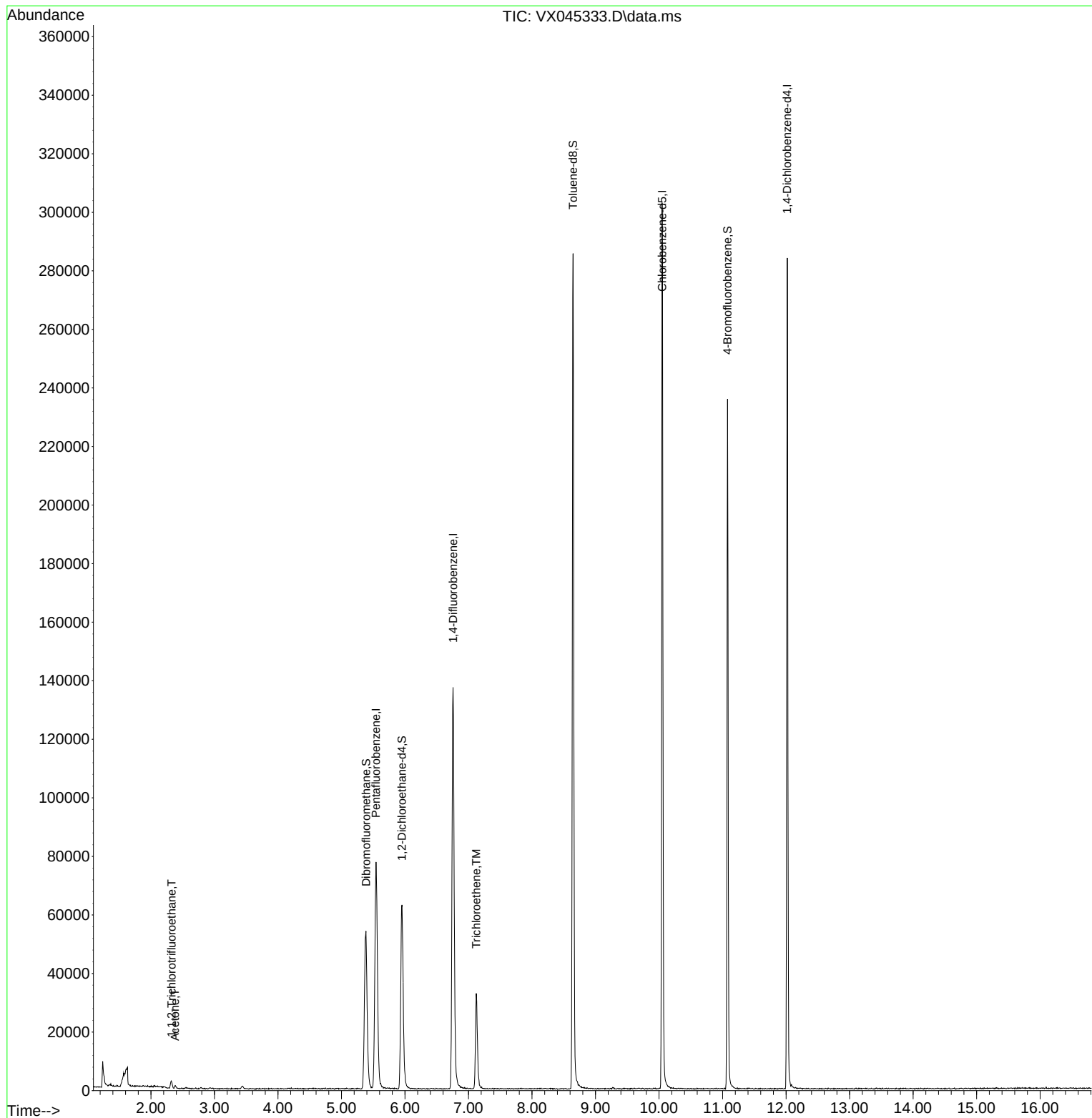
Internal Standards						
1) Pentafluorobenzene	5.544	168	67809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61840	57.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.660%	
35) Dibromofluoromethane	5.385	113	47336	52.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	8.647	98	172527	52.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	11.079	95	59486	54.859	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.720%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1222	1.551	ug/l	92
16) Acetone	2.380	43	1139	2.276	ug/l	98
44) Trichloroethene	7.123	130	11683	12.729	ug/l	91

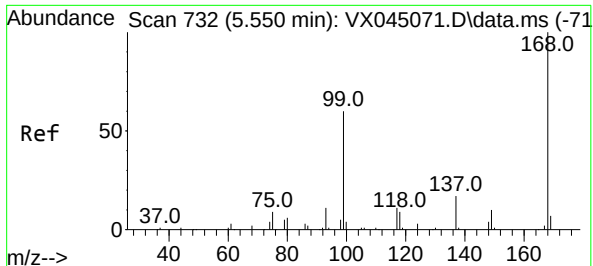
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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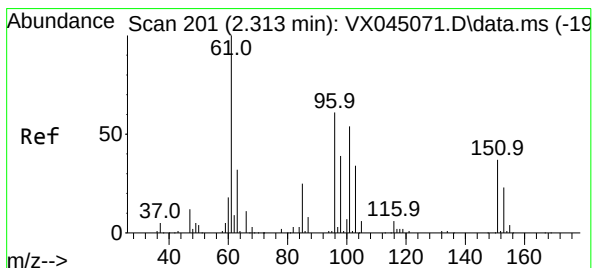
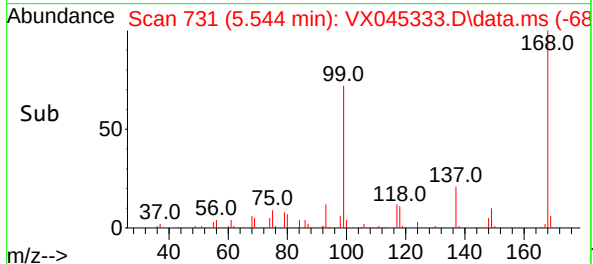
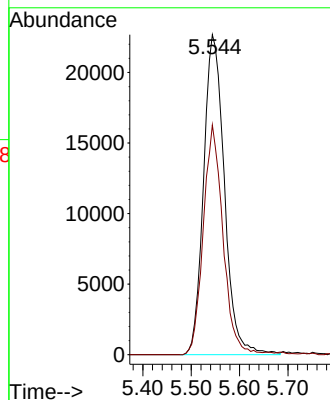
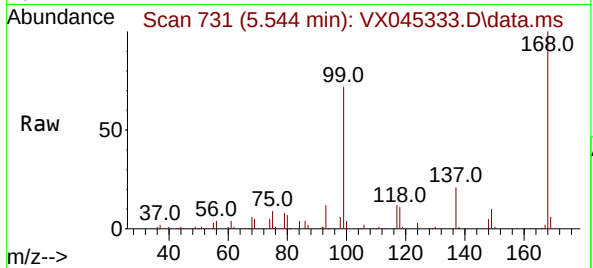




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

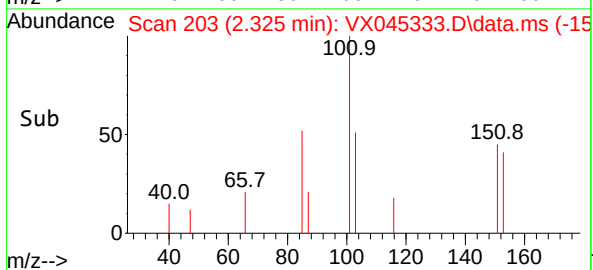
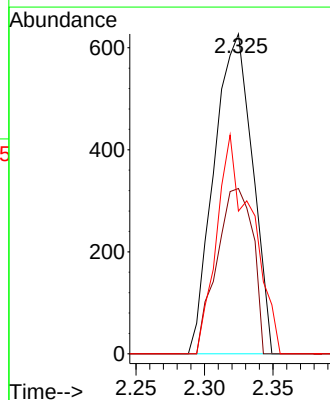
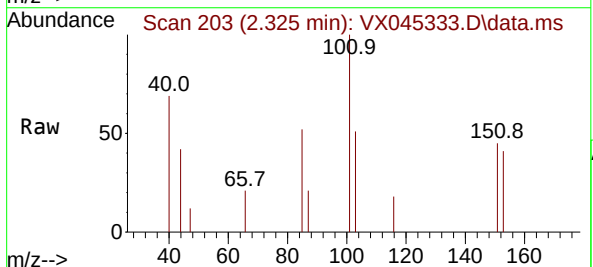
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

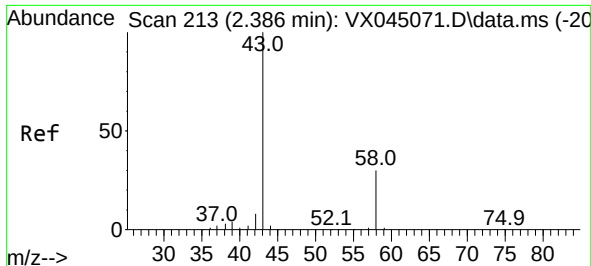
Tgt Ion:168 Resp: 67809
Ion Ratio Lower Upper
168 100
99 71.8 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.551 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion:101 Resp: 1222
Ion Ratio Lower Upper
101 100
85 48.7 36.2 54.4
151 63.0 56.4 84.6

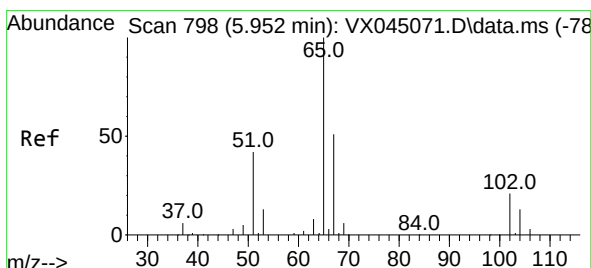
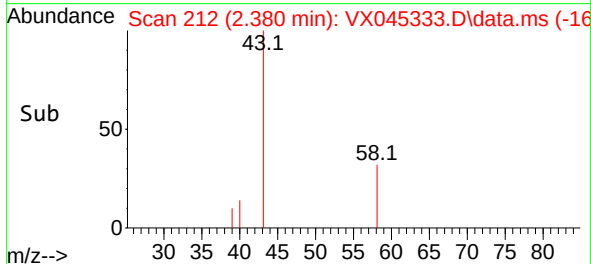
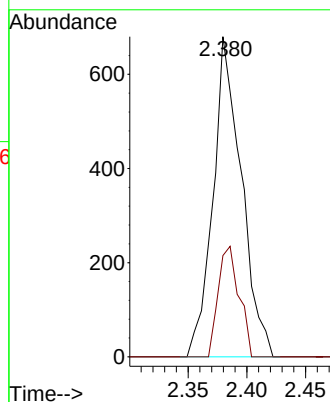
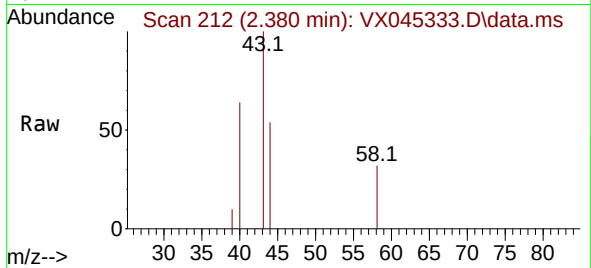




#16
Acetone
Concen: 2.276 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

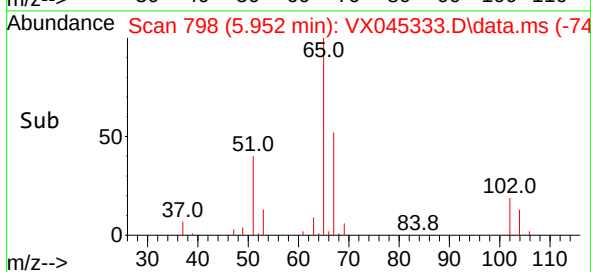
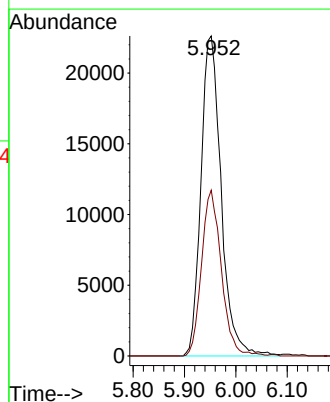
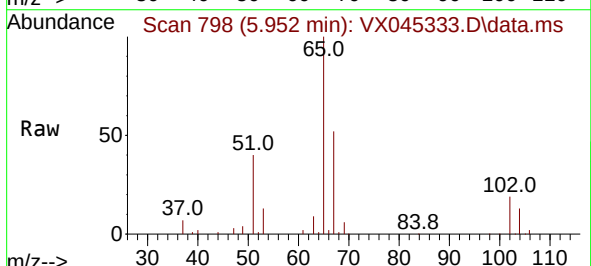
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

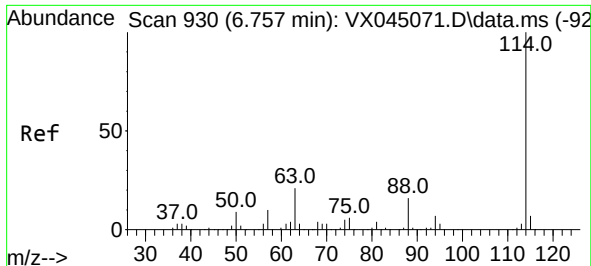
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.4



#33
1,2-Dichloroethane-d4
Concen: 57.334 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 65 Resp: 61840
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

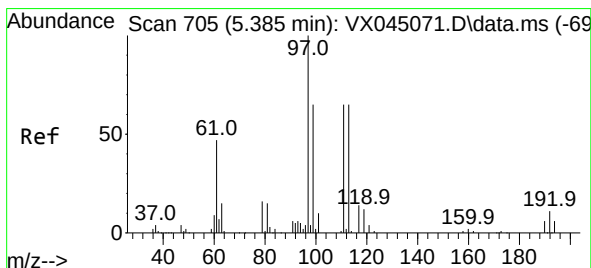
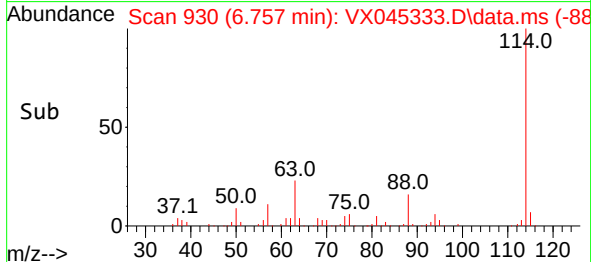
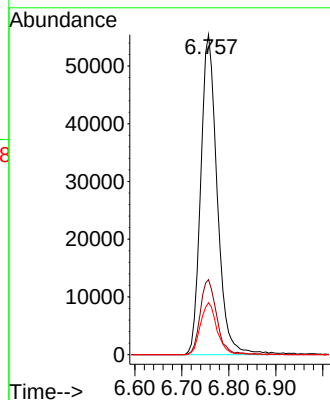
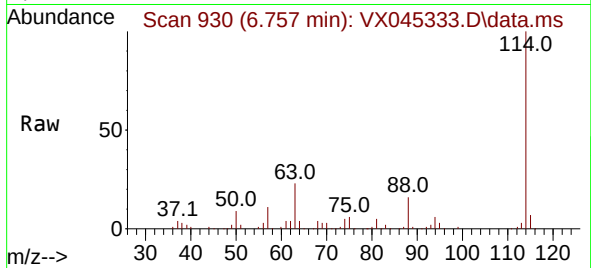




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

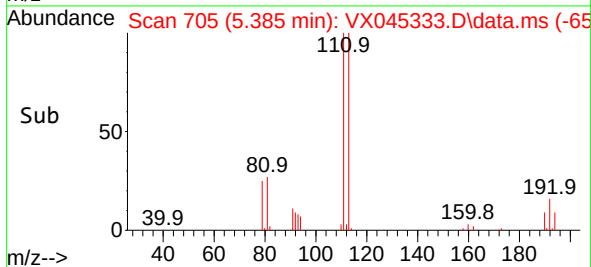
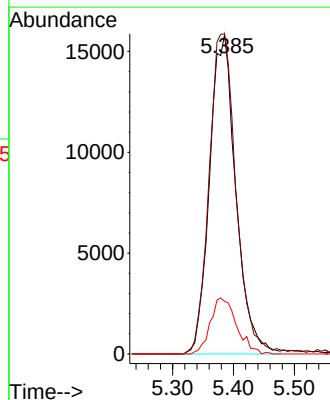
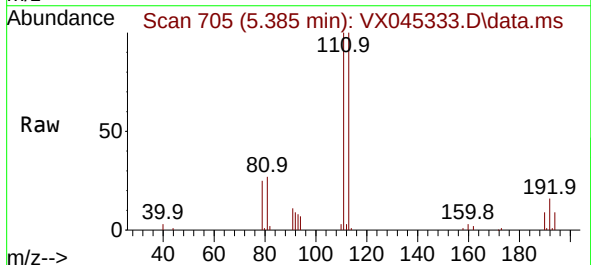
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

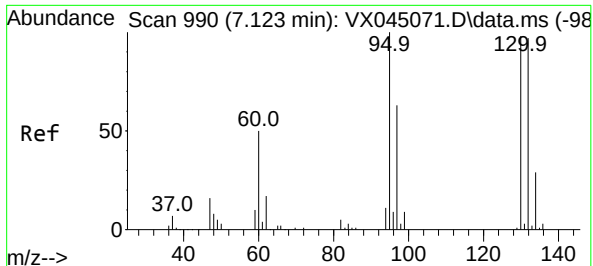
Tgt Ion:114 Resp: 134986
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.443 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion:113 Resp: 47336
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.5 14.3 21.5

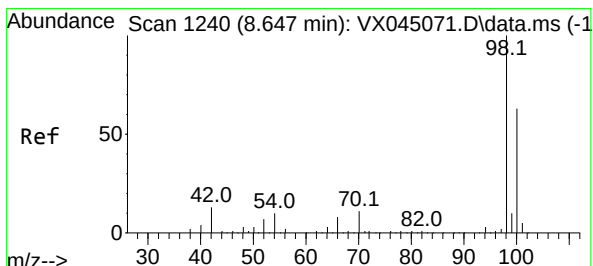
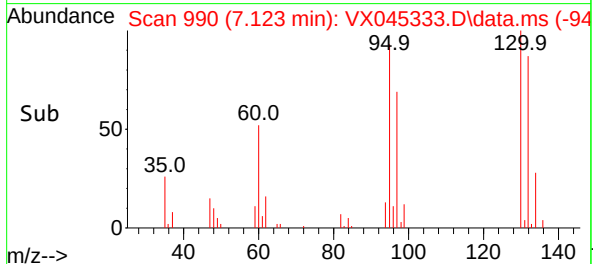
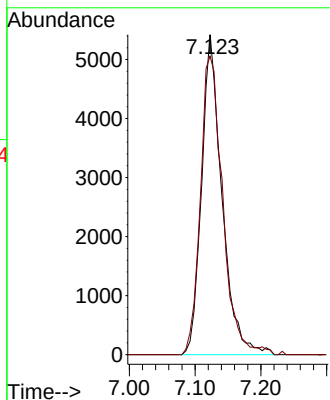
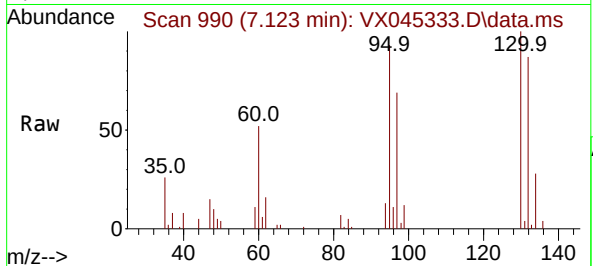




#44
 Trichloroethene
 Concen: 12.729 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045333.D
 Acq: 18 Mar 2025 18:20

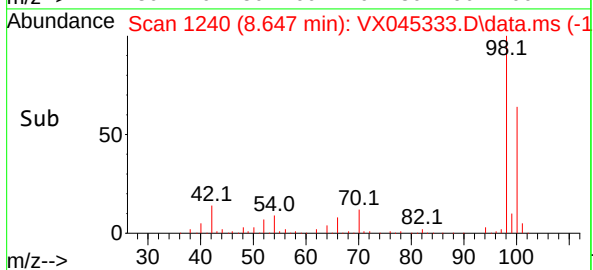
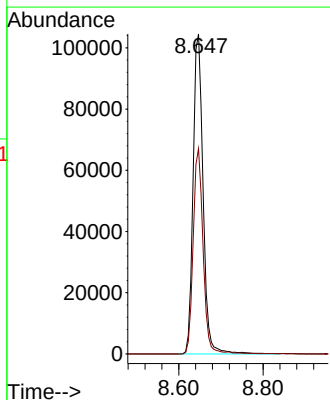
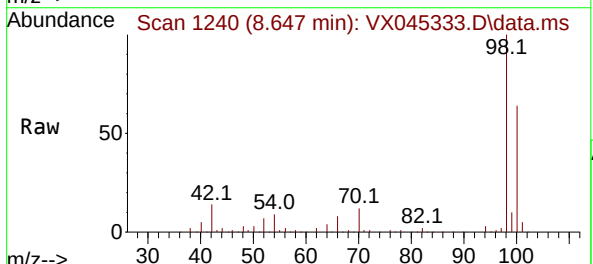
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20250312

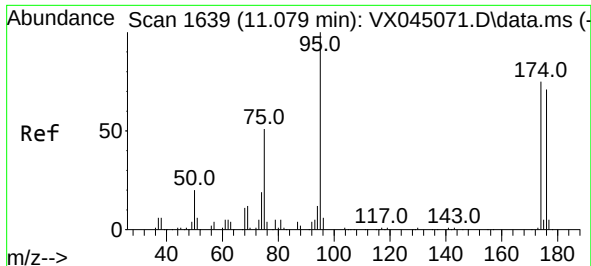
Tgt Ion:130 Resp: 11683
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 205.0



#50
 Toluene-d8
 Concen: 52.723 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045333.D
 Acq: 18 Mar 2025 18:20

Tgt Ion: 98 Resp: 172527
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.859 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045333.D

Acq: 18 Mar 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20250312

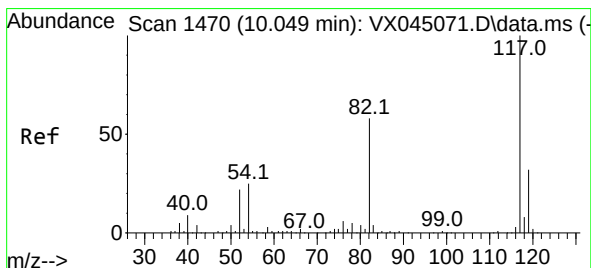
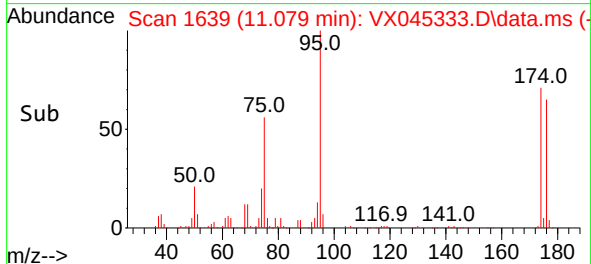
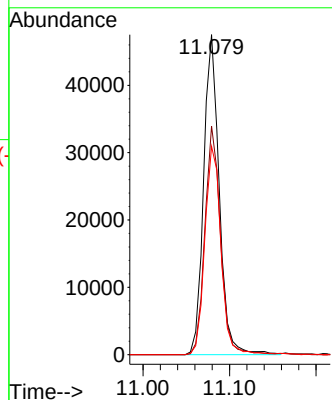
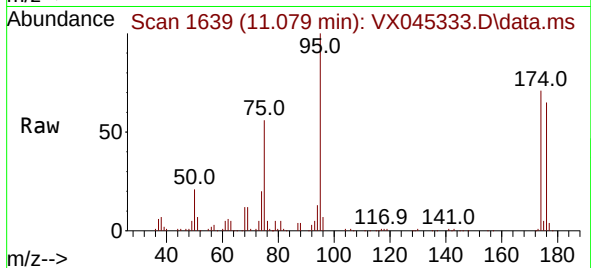
Tgt Ion: 95 Resp: 59486

Ion Ratio Lower Upper

95 100

174 71.7 0.0 148.2

176 67.4 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: VX045333.D

Acq: 18 Mar 2025 18:20

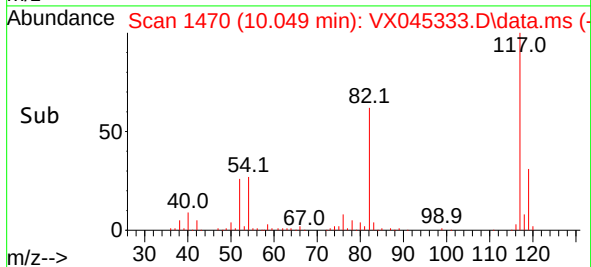
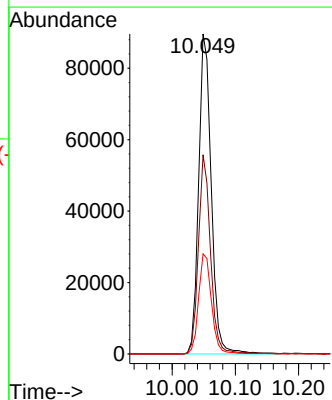
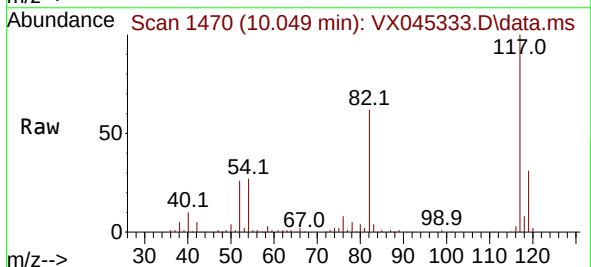
Tgt Ion: 117 Resp: 124517

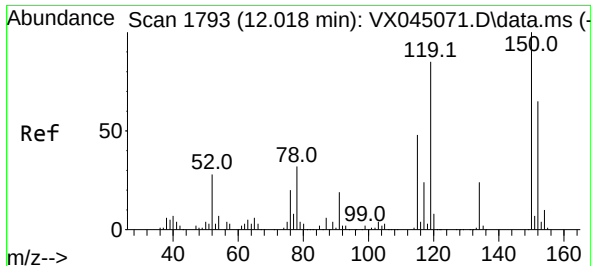
Ion Ratio Lower Upper

117 100

82 62.3 46.3 69.5

119 31.3 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: VX045333.D

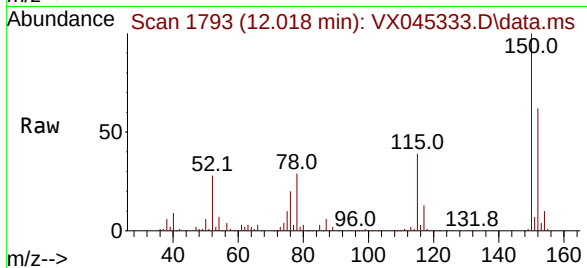
Acq: 18 Mar 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20250312



Tgt Ion:152 Resp: 53305

Ion Ratio Lower Upper

152 100

115 61.7 44.2 132.6

150 156.2 0.0 349.0

