

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043153.D
 Acq On : 25 Sep 2024 15:11
 Operator : JC/MD
 Sample : P4164-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20240919

Quant Time: Sep 26 01:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

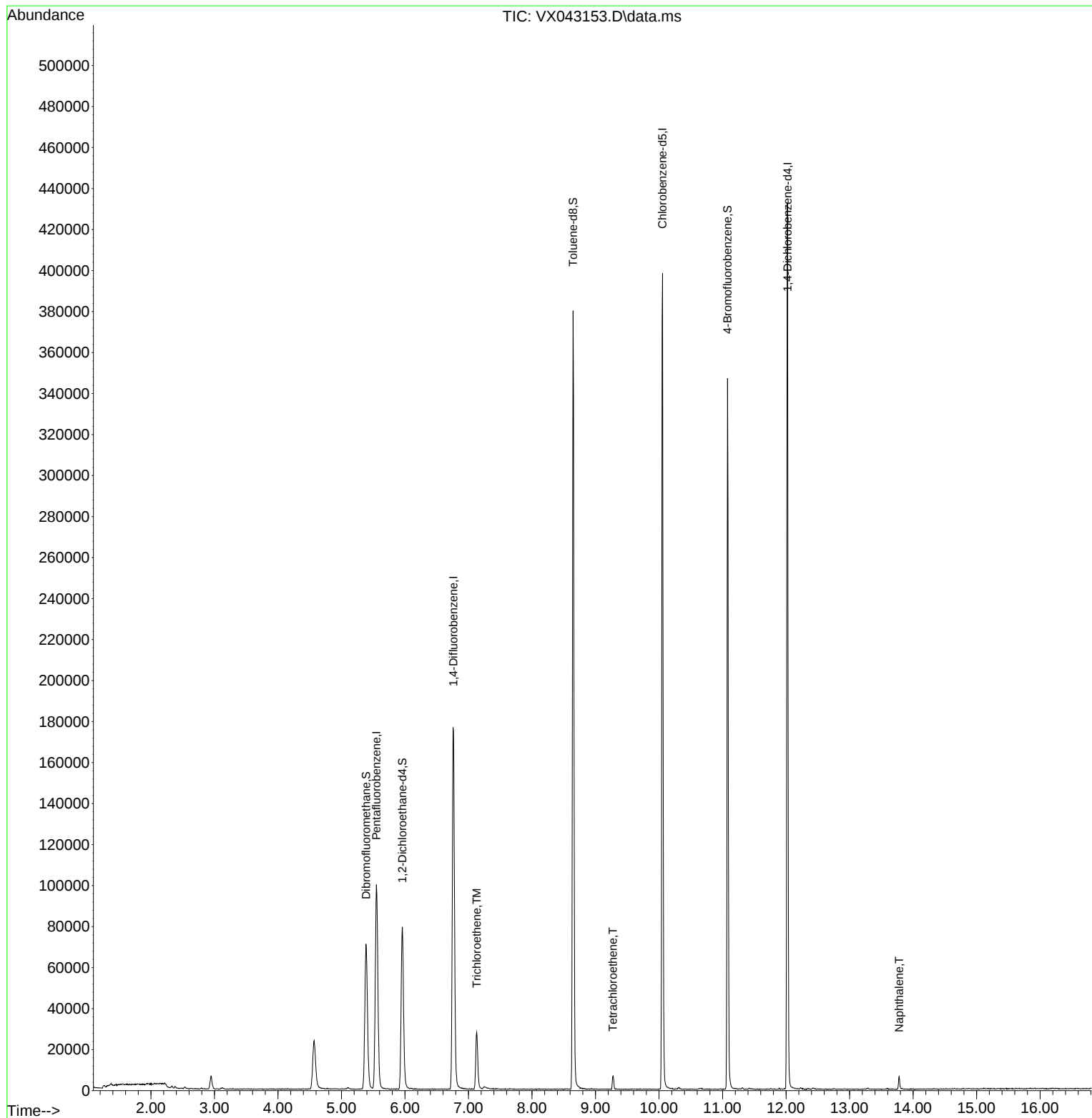
Internal Standards						
1) Pentafluorobenzene	5.550	168	90128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81284	54.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.600%
35) Dibromofluoromethane	5.385	113	62184	49.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.647	98	222765	51.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.960%
62) 4-Bromofluorobenzene	11.079	95	91029	52.748	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.500%
Target Compounds						
						Qvalue
44) Trichloroethene	7.129	130	11270	8.969	ug/l	89
64) Tetrachloroethene	9.274	164	1325	1.055	ug/l #	73
95) Naphthalene	13.780	128	4854	0.772	ug/l	95

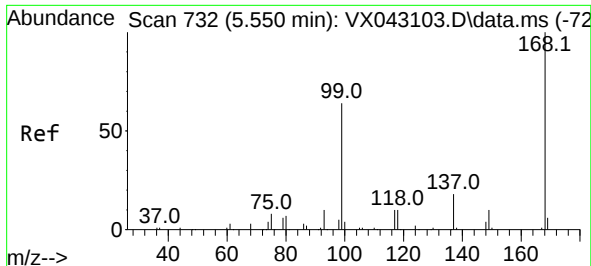
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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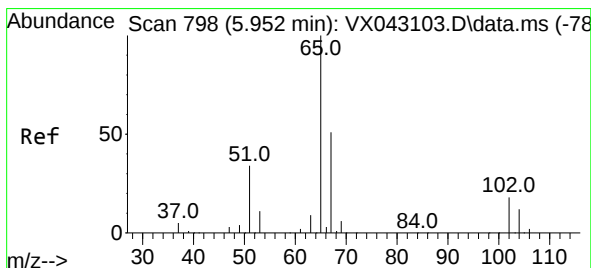
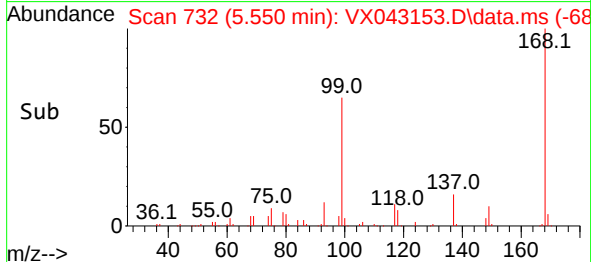
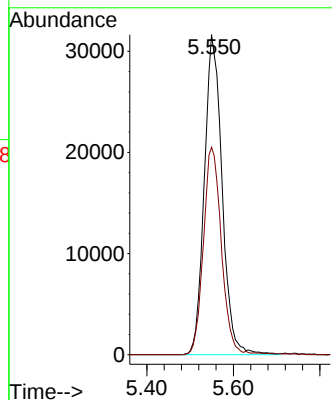
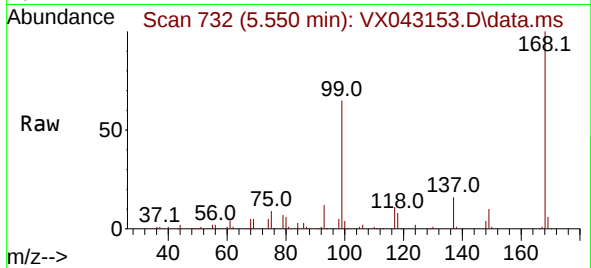




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

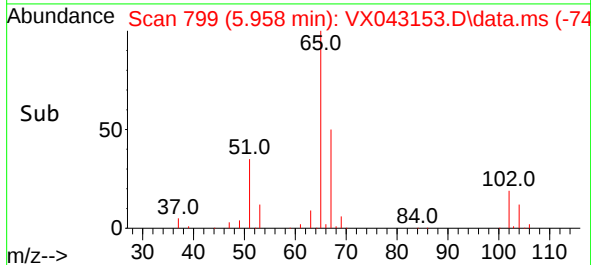
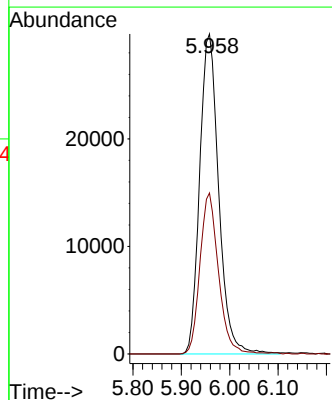
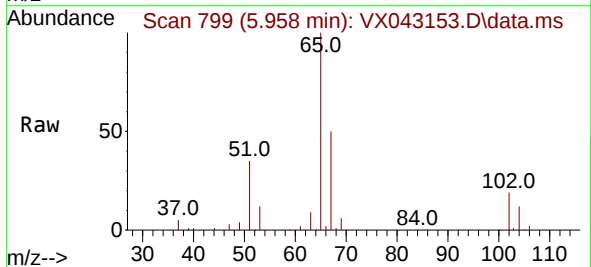
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20240919

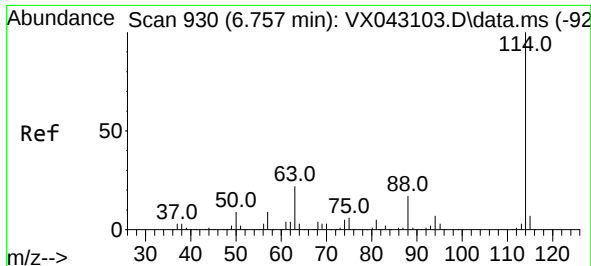
Tgt Ion:168 Resp: 90128
Ion Ratio Lower Upper
168 100
99 64.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.295 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

Tgt Ion: 65 Resp: 81284
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

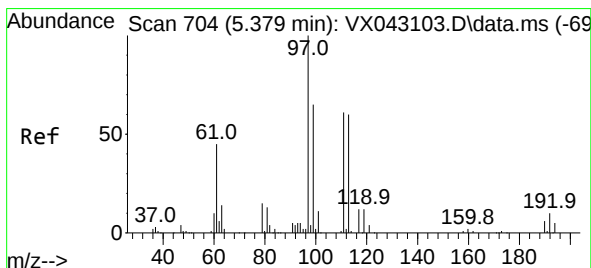
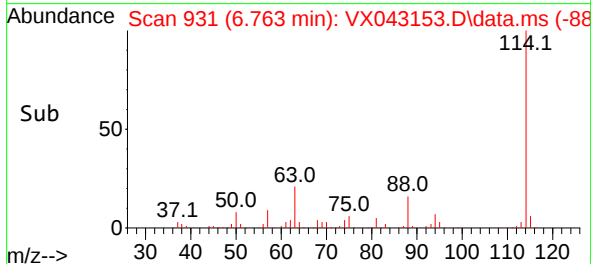
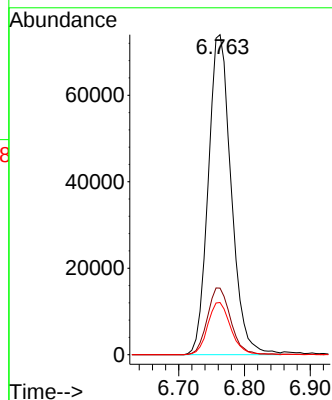
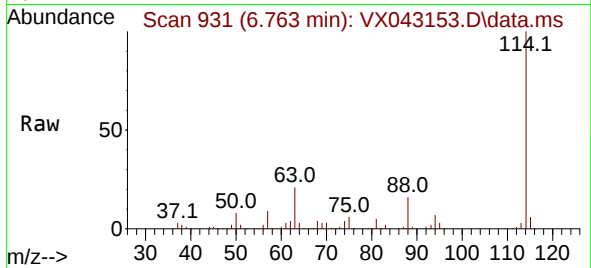




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

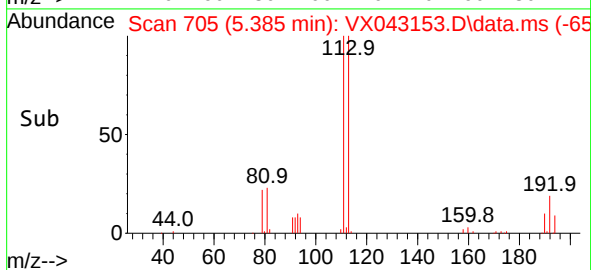
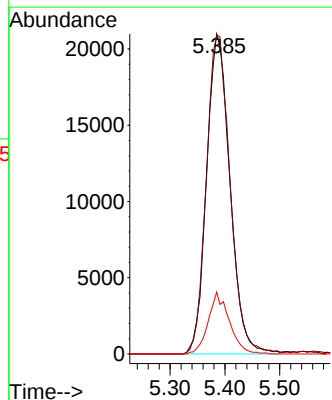
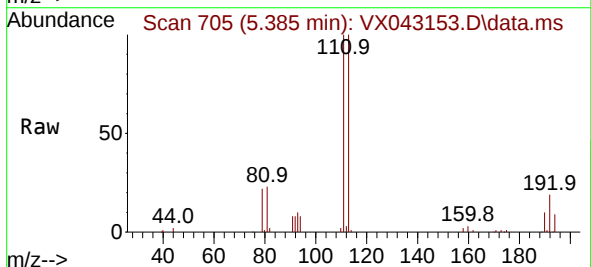
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20240919

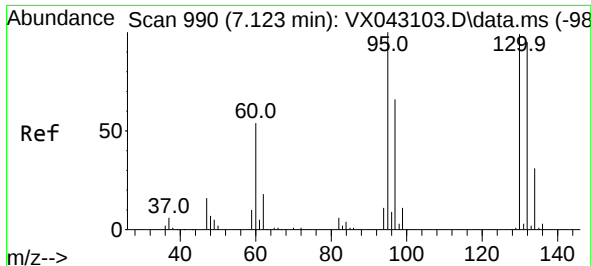
Tgt Ion:114 Resp: 179551
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.095 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

Tgt Ion:113 Resp: 62184
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 17.4 14.6 22.0

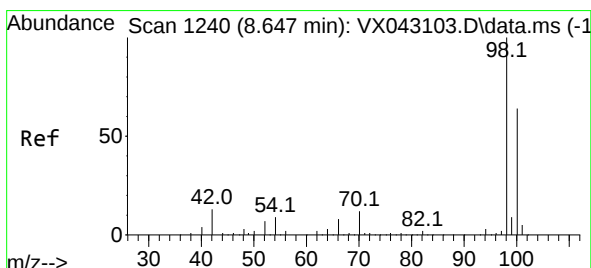
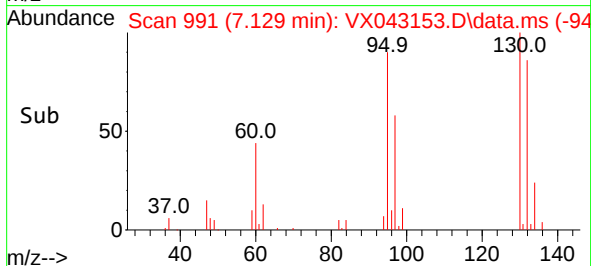
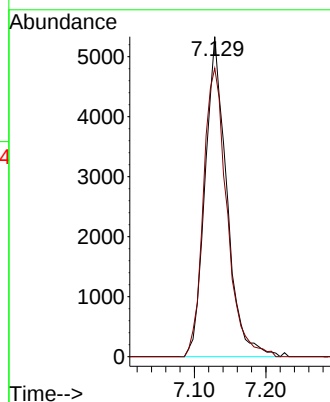
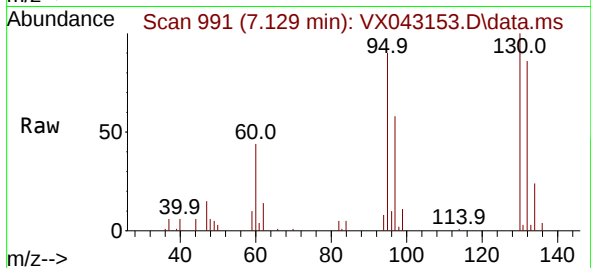




#44
Trichloroethene
Concen: 8.969 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

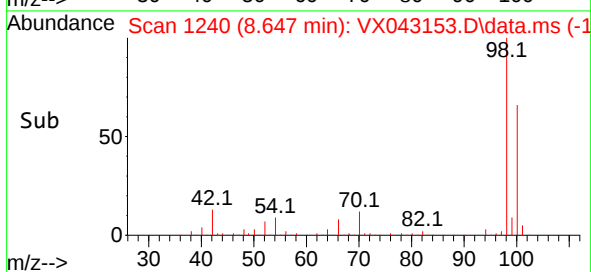
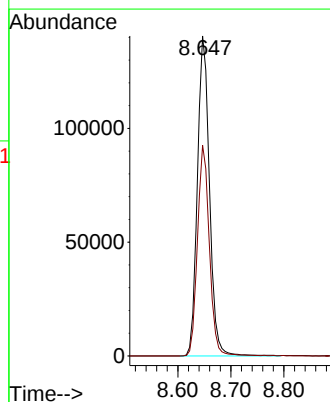
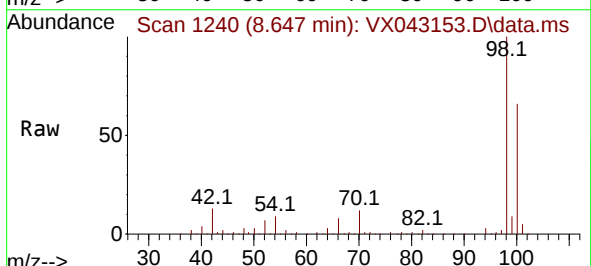
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20240919

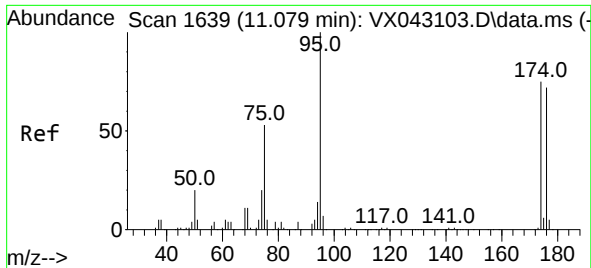
Tgt Ion:130 Resp: 11270
Ion Ratio Lower Upper
130 100
95 90.1 0.0 201.6



#50
Toluene-d8
Concen: 51.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

Tgt Ion: 98 Resp: 222765
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.748 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043153.D

Acq: 25 Sep 2024 15:11

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20240919

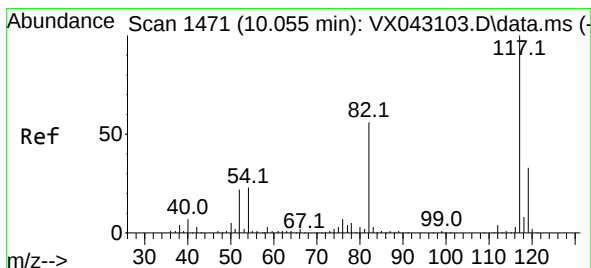
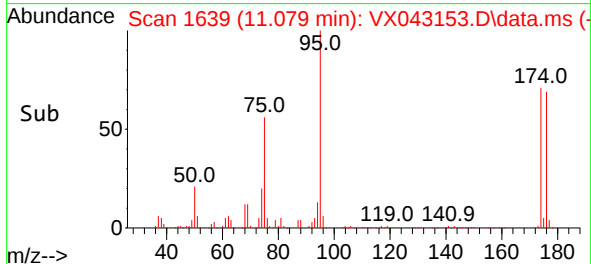
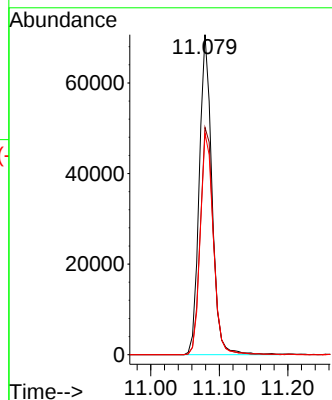
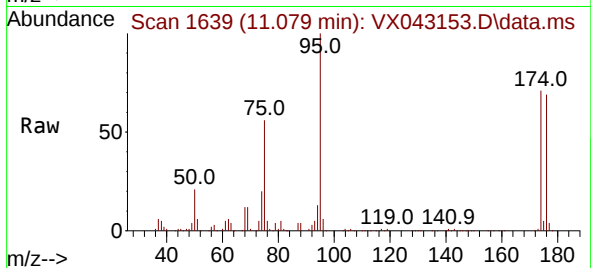
Tgt Ion: 95 Resp: 91029

Ion Ratio Lower Upper

95 100

174 73.8 0.0 146.0

176 71.6 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043153.D

Acq: 25 Sep 2024 15:11

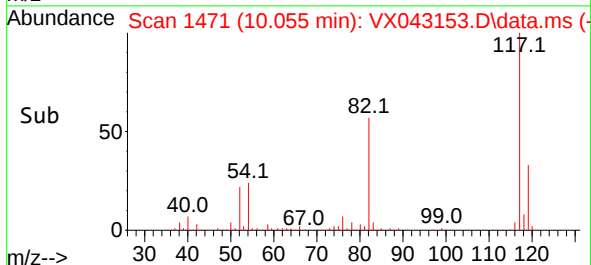
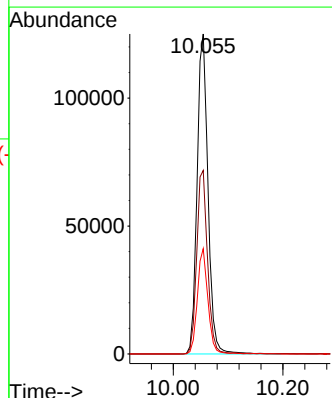
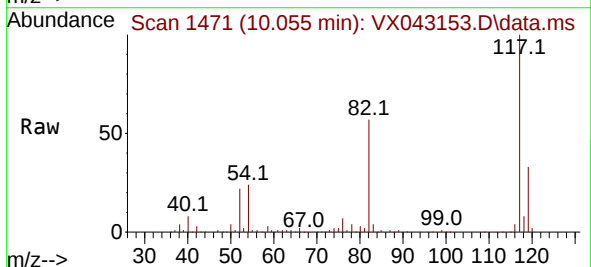
Tgt Ion: 117 Resp: 173270

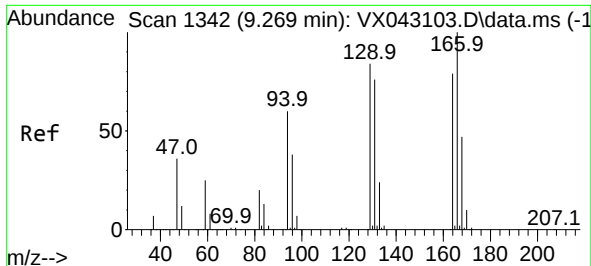
Ion Ratio Lower Upper

117 100

82 57.3 44.7 67.1

119 32.9 26.3 39.5

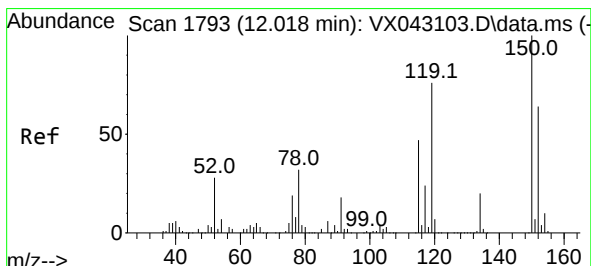
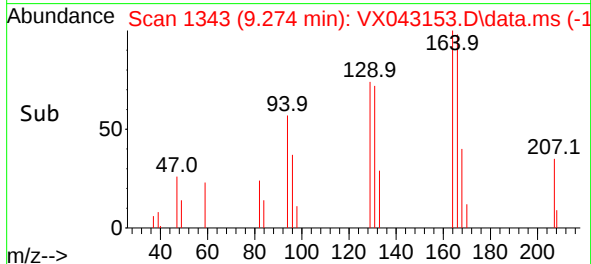
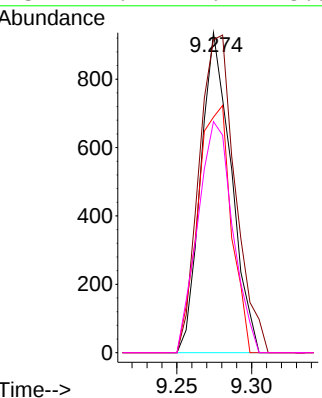
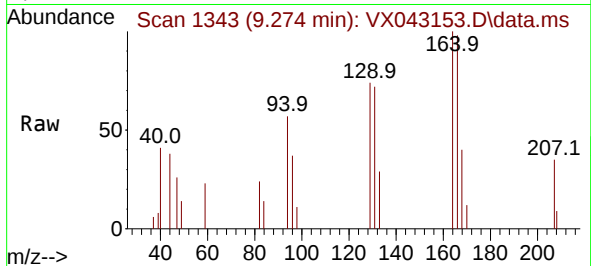




#64
Tetrachloroethene
Concen: 1.055 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

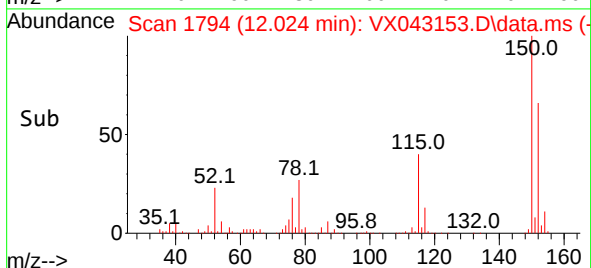
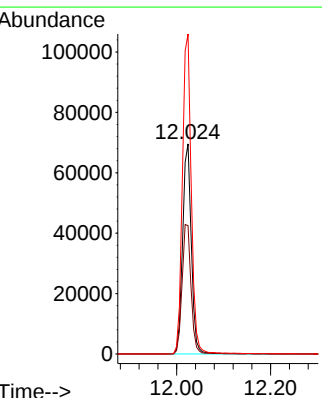
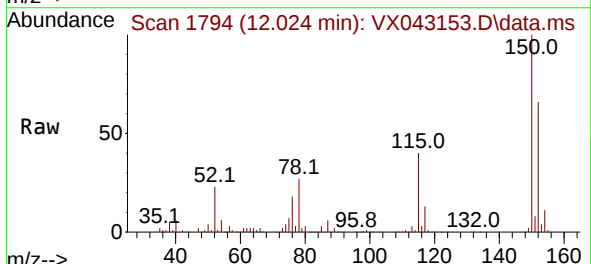
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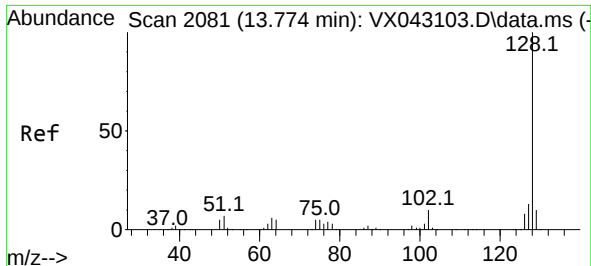
Tgt Ion:164 Resp: 1325
Ion Ratio Lower Upper
164 100
166 97.9 101.2 151.8#
129 73.6 84.7 127.1#
131 72.2 77.2 115.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043153.D
Acq: 25 Sep 2024 15:11

Tgt Ion:152 Resp: 90244
Ion Ratio Lower Upper
152 100
115 63.1 43.7 131.1
150 154.9 0.0 344.6





#95

Naphthalene

Concen: 0.772 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043153.D

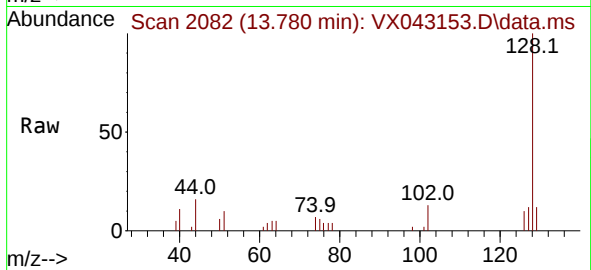
Acq: 25 Sep 2024 15:11

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20240919



Tgt Ion:128 Resp: 4854

Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.4

129 9.2 8.6 13.0

