

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043150.D
 Acq On : 25 Sep 2024 14:02
 Operator : JC/MD
 Sample : P4164-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Sep 26 01:35:06 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)

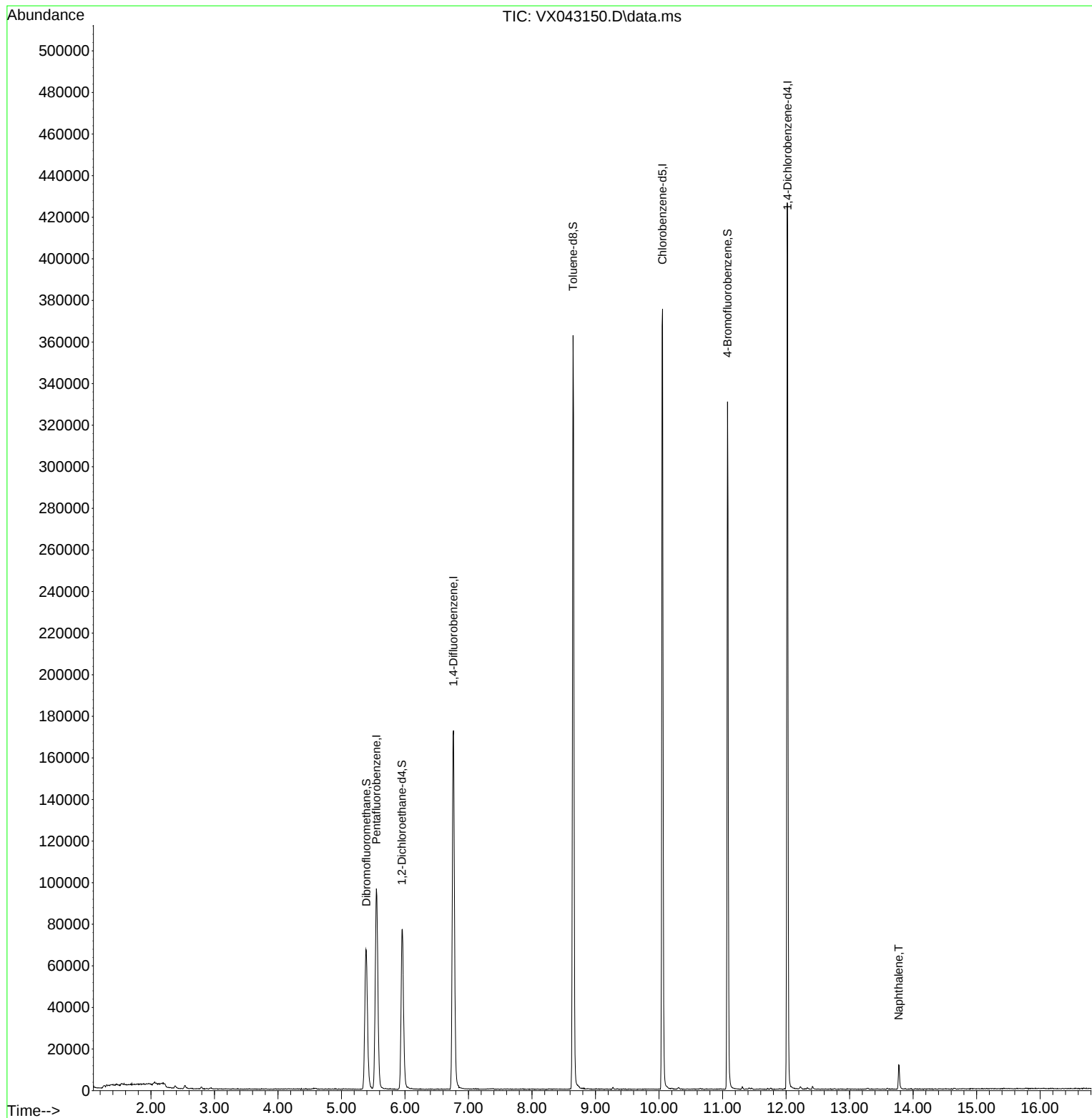
Internal Standards						
1) Pentafluorobenzene	5.550	168	87323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79570	54.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	5.391	113	59405	48.496	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.000%	
50) Toluene-d8	8.647	98	216326	52.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	11.079	95	89352	53.538	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.080%	
Target Compounds						Qvalue
95) Naphthalene	13.774	128	8836	1.449	ug/l	98

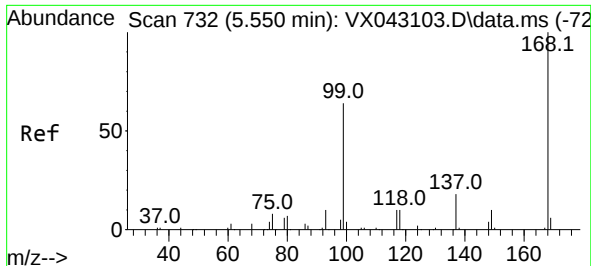
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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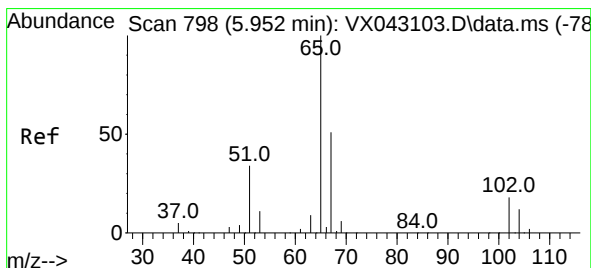
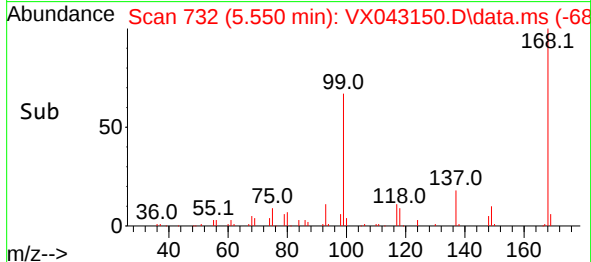
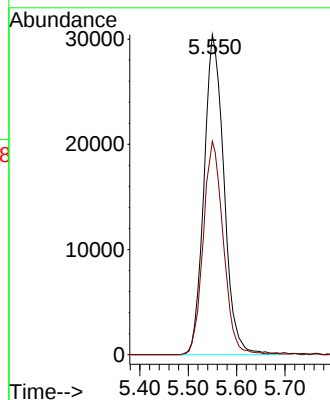
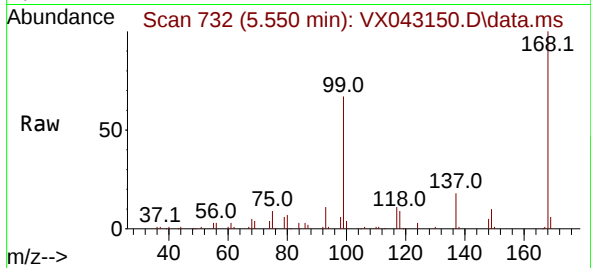




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

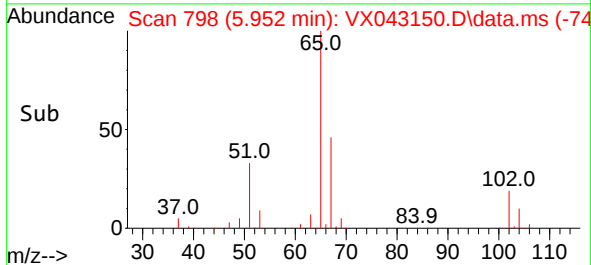
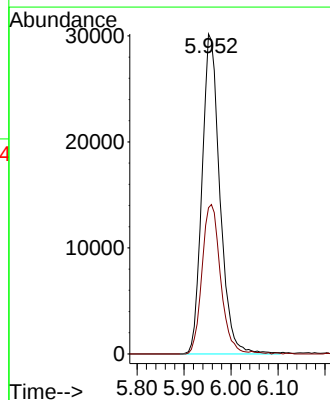
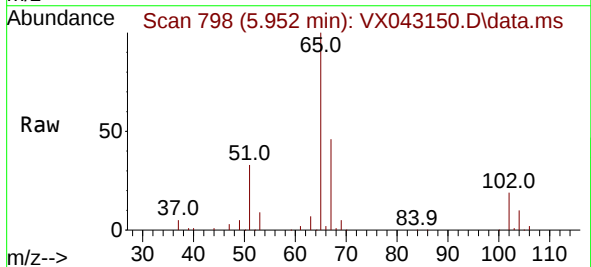
Instrument :
MSVOA_X
ClientSampleId :
FB

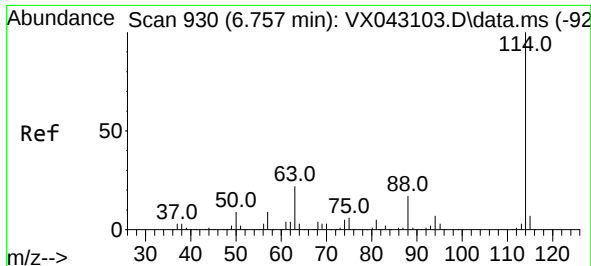
Tgt Ion:168 Resp: 87323
Ion Ratio Lower Upper
168 100
99 66.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.858 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 65 Resp: 79570
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

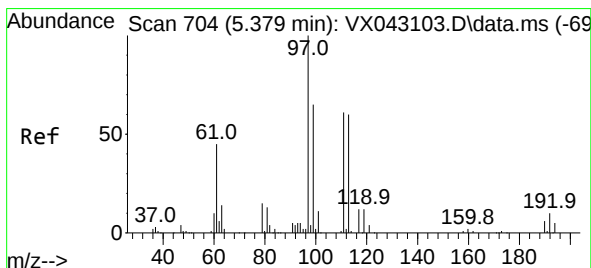
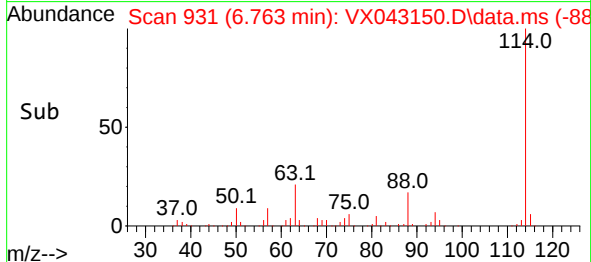
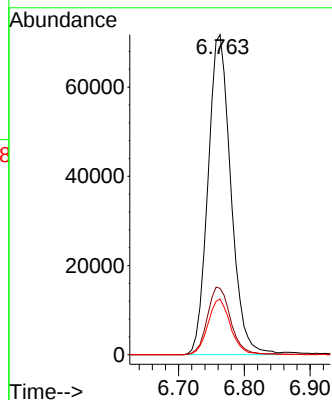
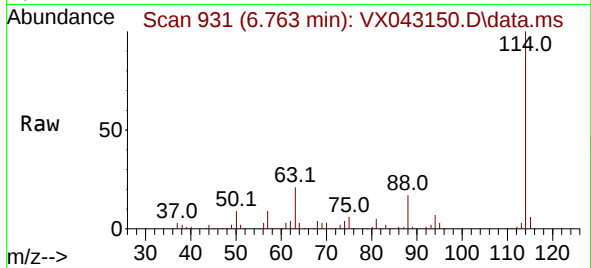




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

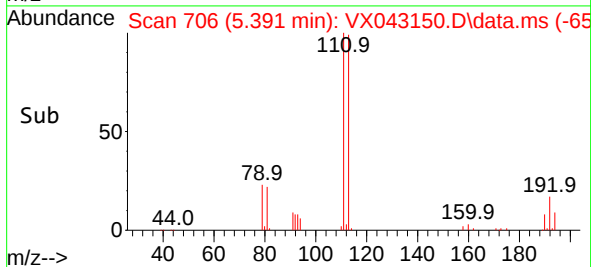
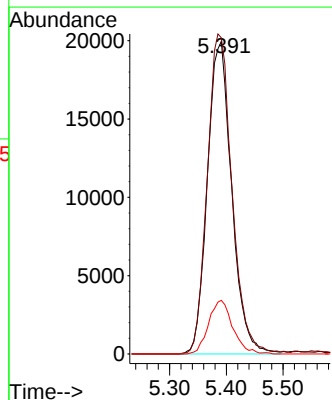
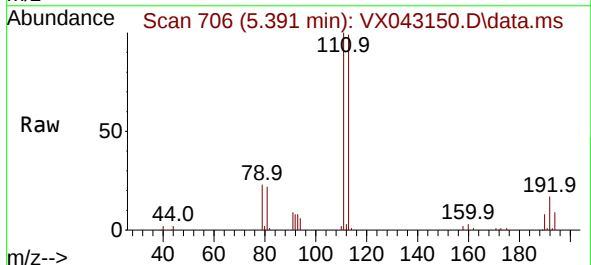
Instrument :
MSVOA_X
ClientSampleId :
FB

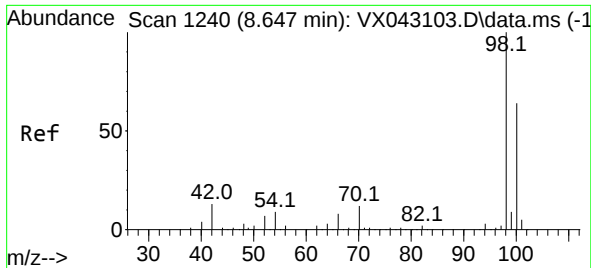
Tgt Ion:114 Resp: 173643
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 17.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.496 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion:113 Resp: 59405
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.1 14.6 22.0

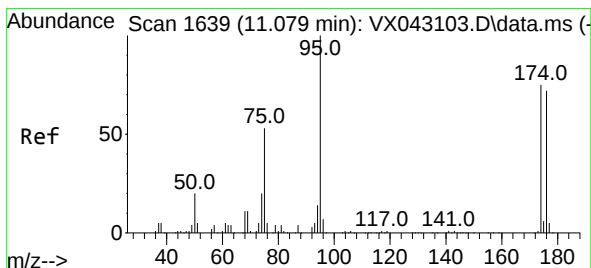
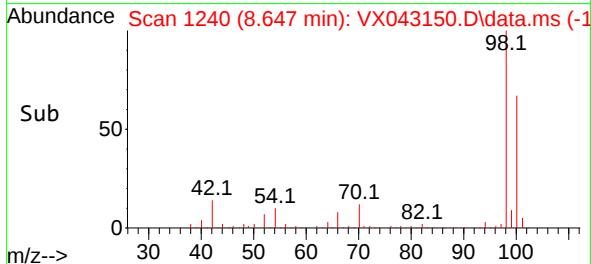
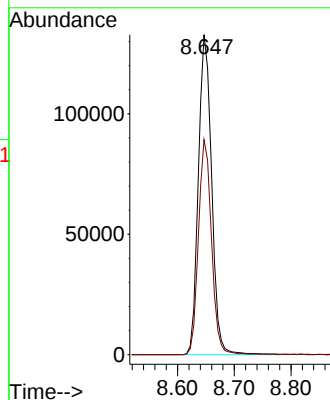
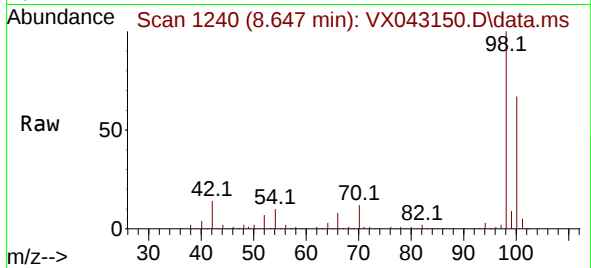




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

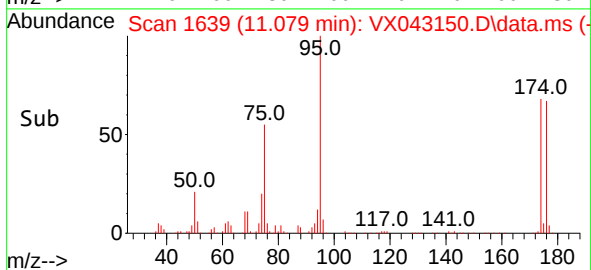
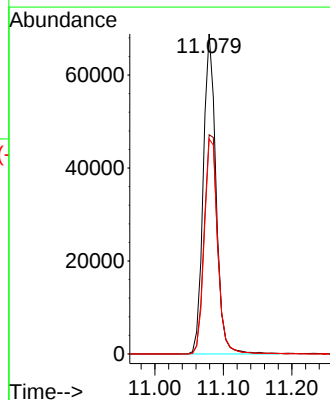
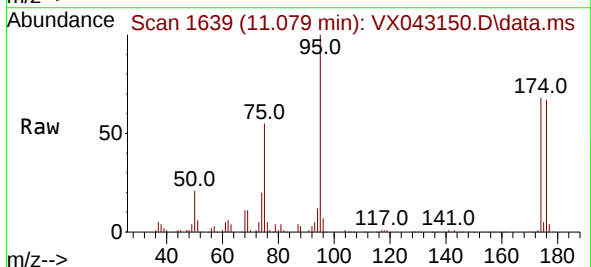
Instrument :
MSVOA_X
ClientSampleId :
FB

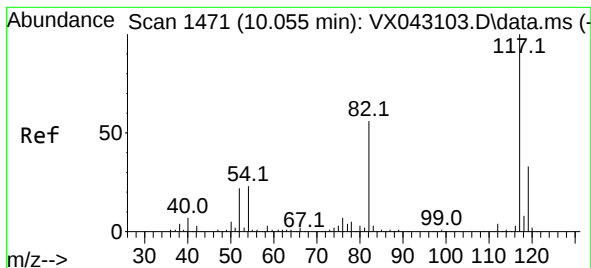
Tgt Ion: 98 Resp: 216326
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 95 Resp: 89352
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.0
176 70.6 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: VX043150.D

Acq: 25 Sep 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

FB

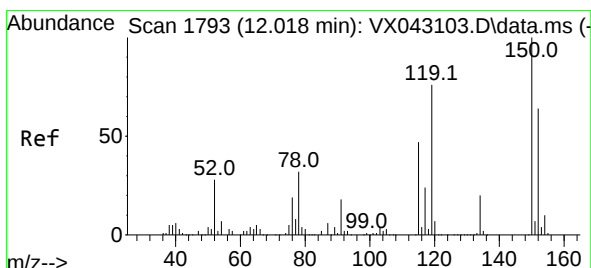
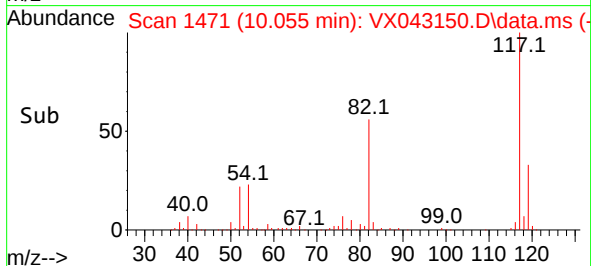
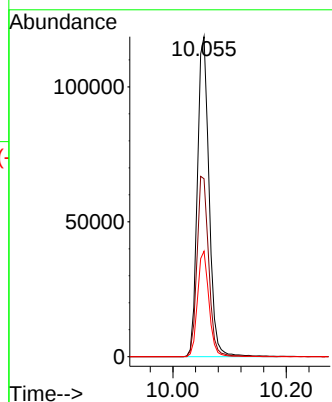
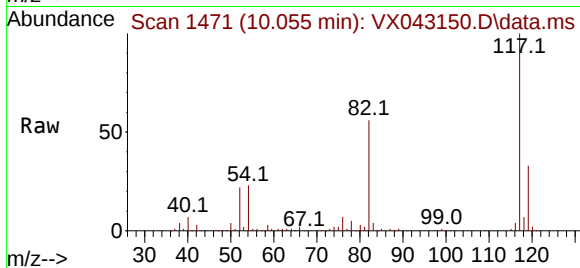
Tgt Ion:117 Resp: 169695

Ion Ratio Lower Upper

117 100

82 55.6 44.7 67.1

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043150.D

Acq: 25 Sep 2024 14:02

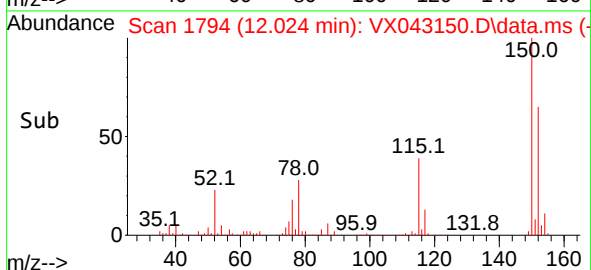
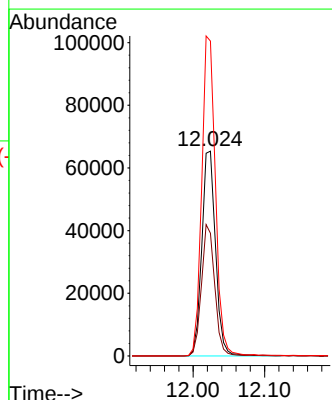
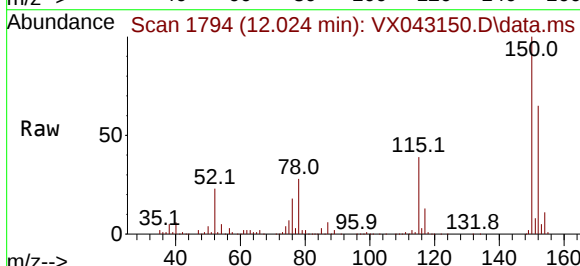
Tgt Ion:152 Resp: 87509

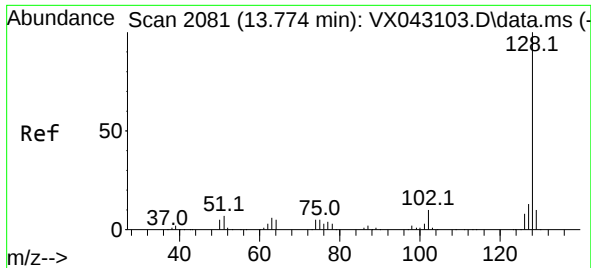
Ion Ratio Lower Upper

152 100

115 61.9 43.7 131.1

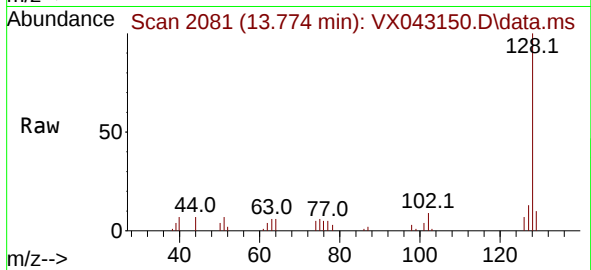
150 154.6 0.0 344.6





#95
 Naphthalene
 Concen: 1.449 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX043150.D
 Acq: 25 Sep 2024 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:	128	Resp:	8836
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	10.1	8.6	13.0

