

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040327.D
 Acq On : 19 Feb 2024 13:53
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Feb 20 01:14:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

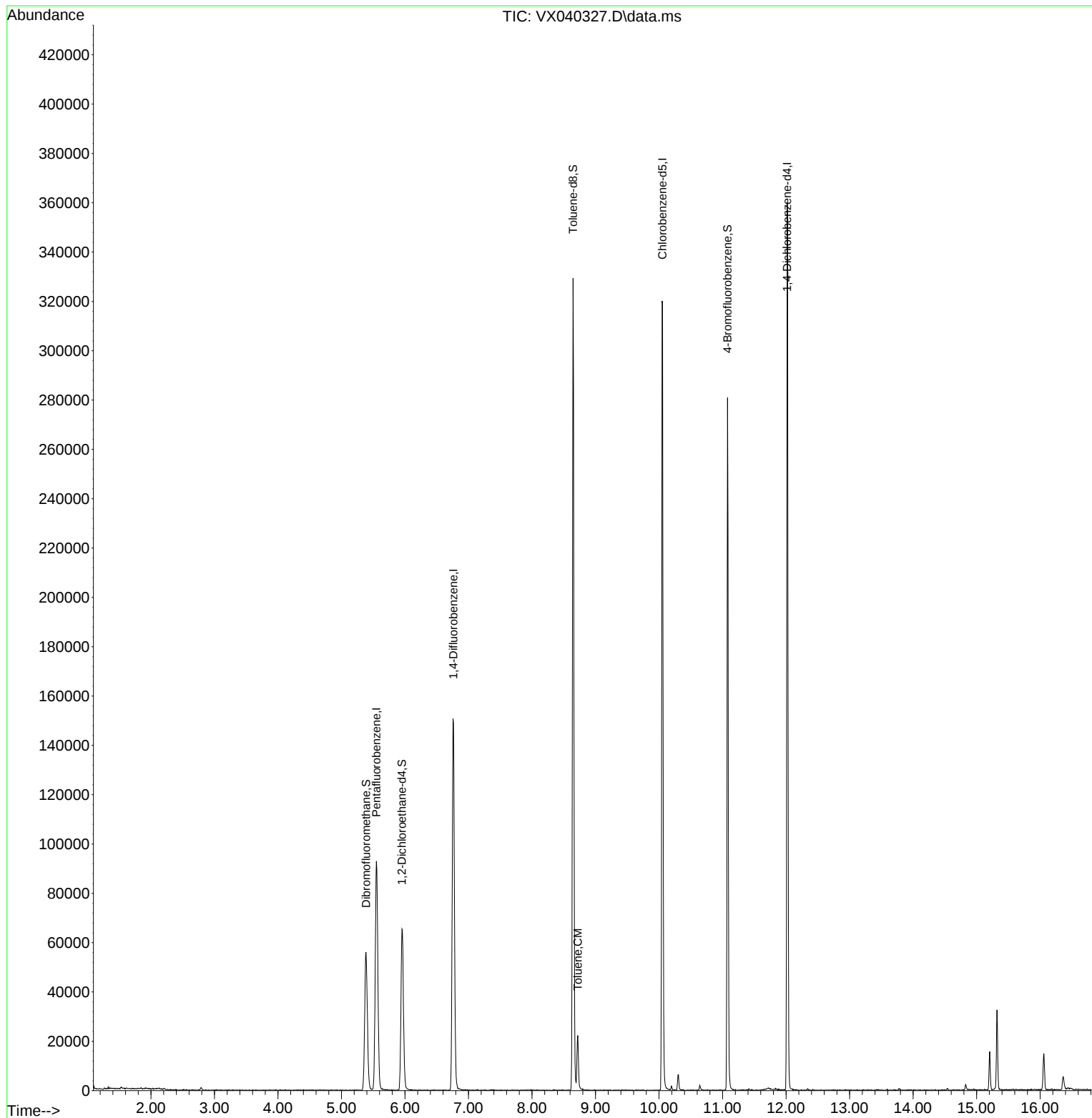
Internal Standards						
1) Pentafluorobenzene	5.550	168	85334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64989	51.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.385	113	49216	46.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.160%			
50) Toluene-d8	8.647	98	185455	46.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.840%			
62) 4-Bromofluorobenzene	11.079	95	72030	44.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.360%			
Target Compounds						
52) Toluene	8.720	92	8395	3.096	ug/l	Qvalue 97

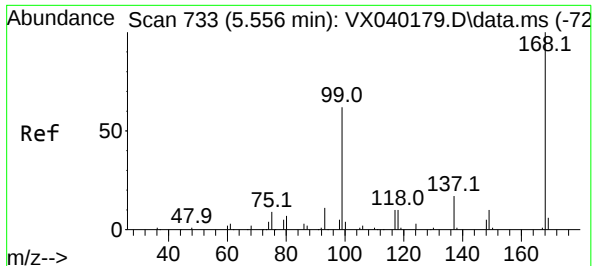
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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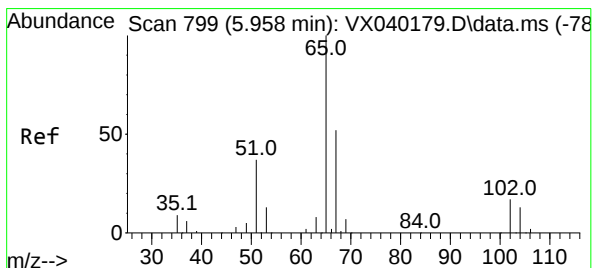
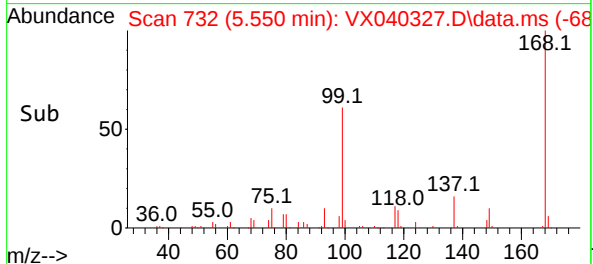
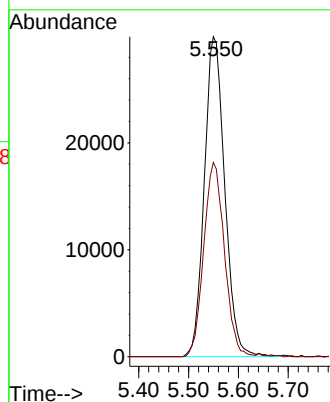
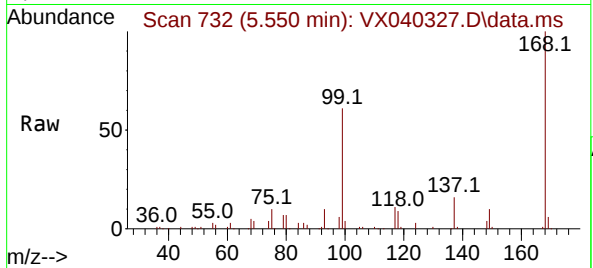




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

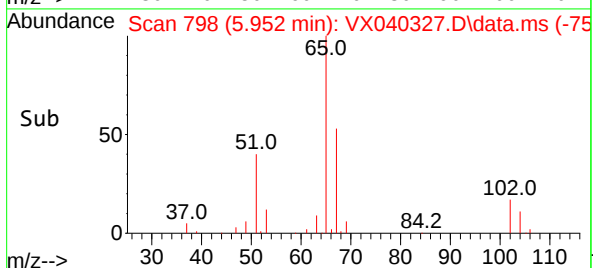
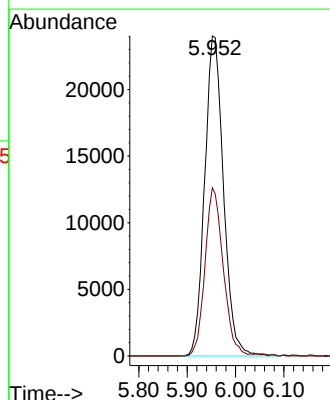
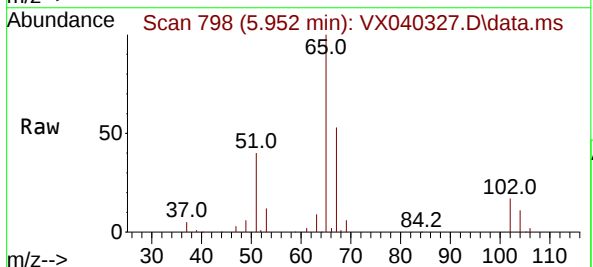
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

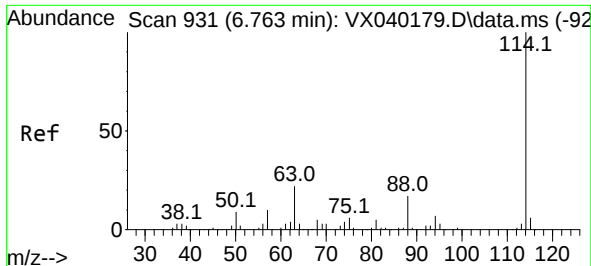
Tgt Ion:168 Resp: 85334
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 65 Resp: 64989
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

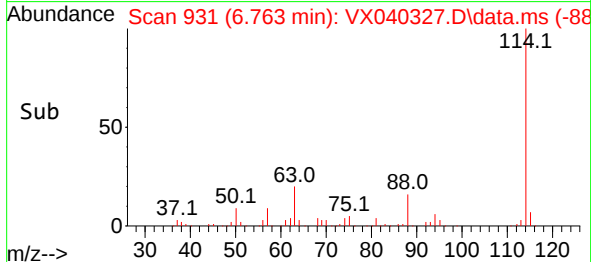
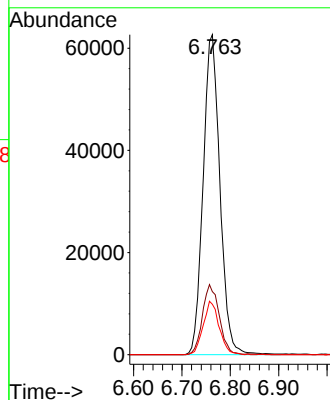
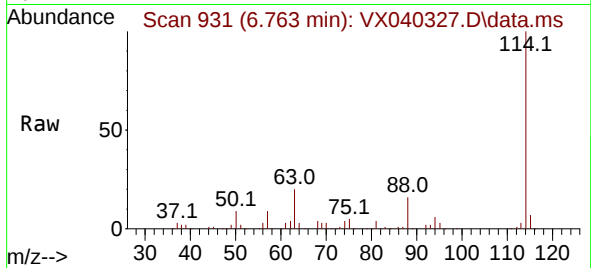




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

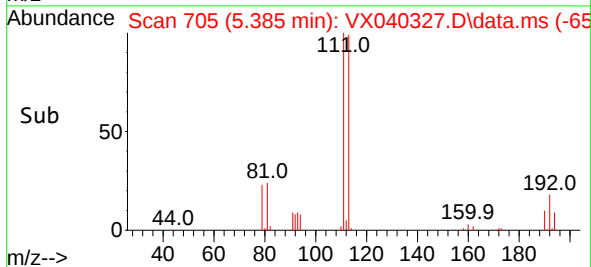
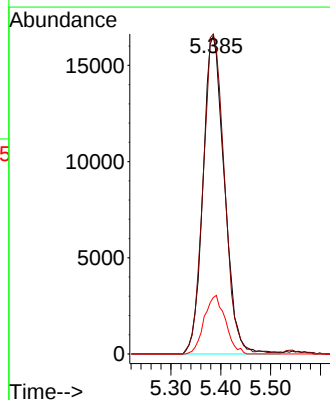
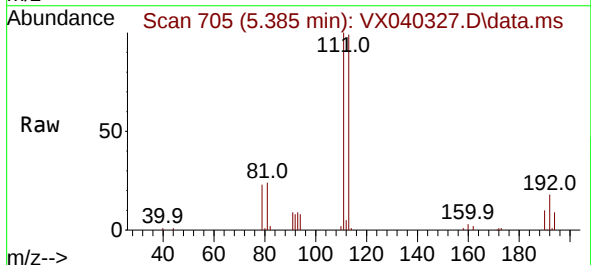
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

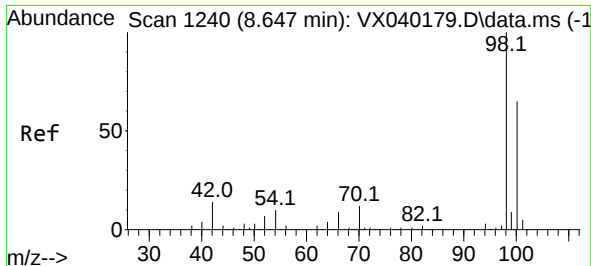
Tgt Ion:114 Resp: 151314
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion:113 Resp: 49216
Ion Ratio Lower Upper
113 100
111 100.0 82.9 124.3
192 18.3 13.3 19.9

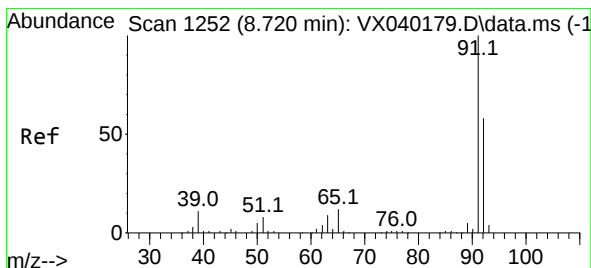
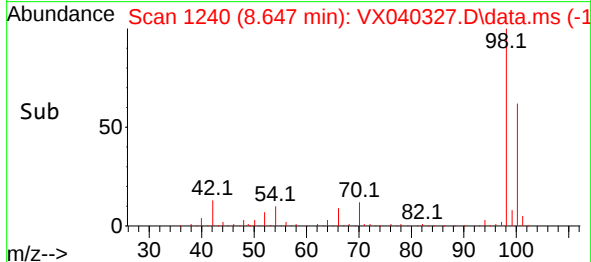
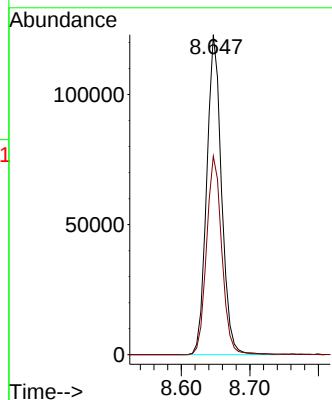
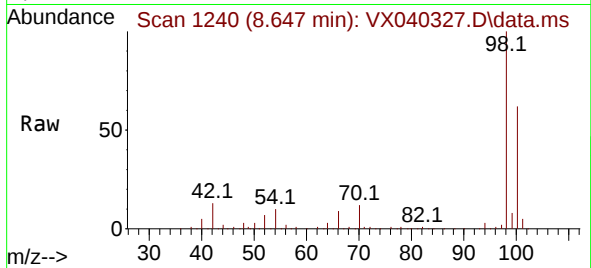




#50
Toluene-d8
Concen: 46.918 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

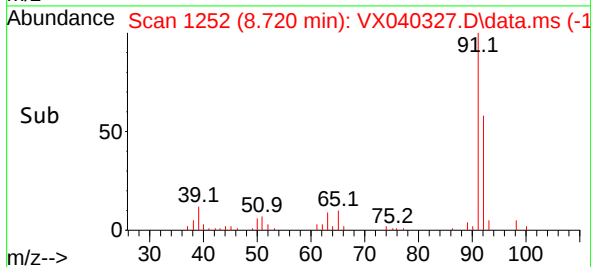
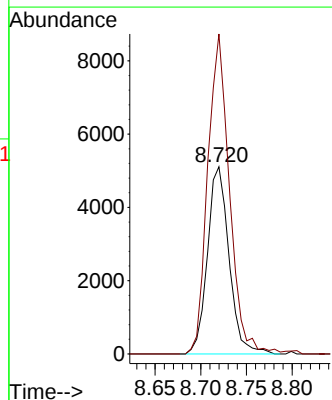
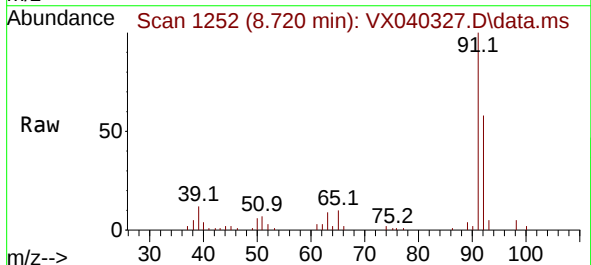
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

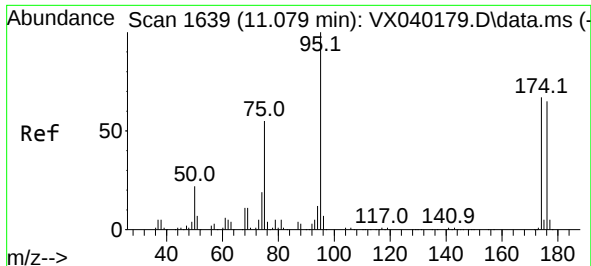
Tgt Ion: 98 Resp: 185455
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#52
Toluene
Concen: 3.096 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 92 Resp: 8395
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2

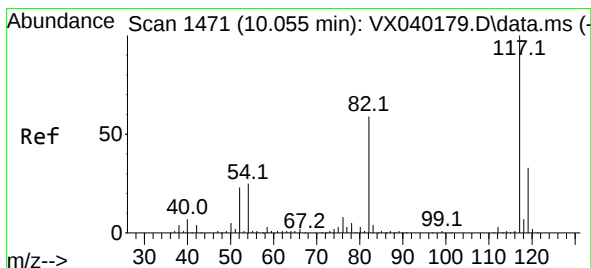
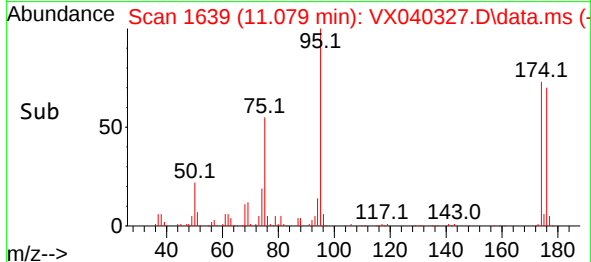
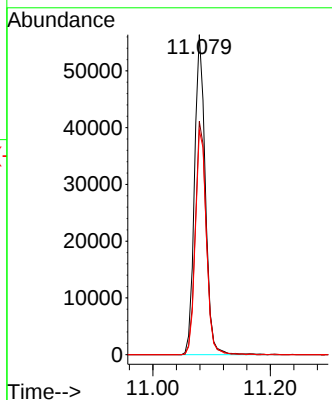
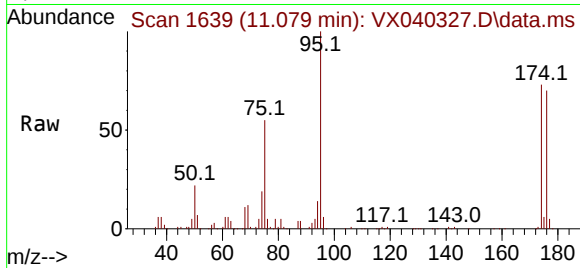




#62
4-Bromofluorobenzene
Concen: 44.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

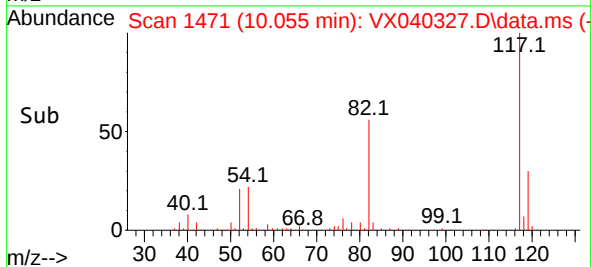
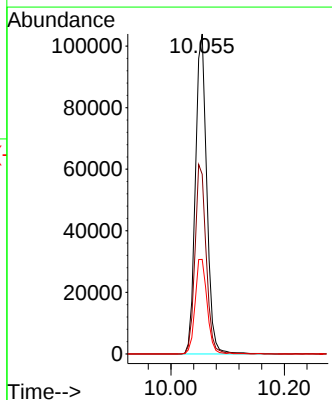
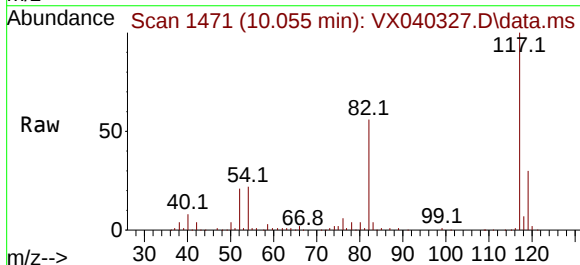
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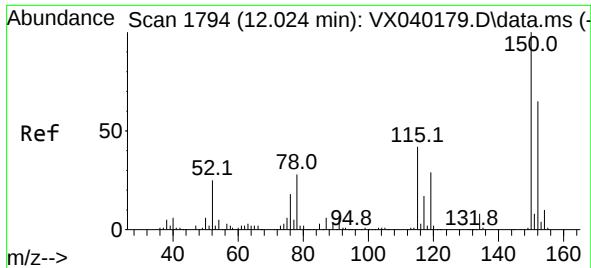
Tgt Ion: 95 Resp: 72030
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040327.D
Acq: 19 Feb 2024 13:53

Tgt Ion: 117 Resp: 144216
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 29.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040327.D

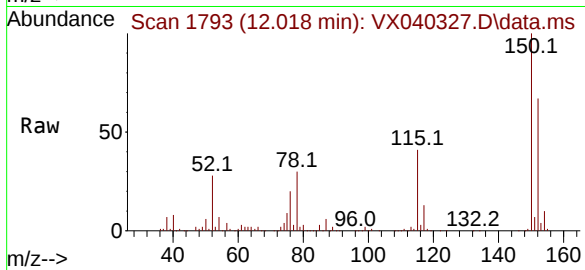
Acq: 19 Feb 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 72267

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 155.0 0.0 345.0

