

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040227.D
 Acq On : 14 Feb 2024 17:50
 Operator : JC/MD
 Sample : P1445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 15 00:06:01 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	70688	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	117777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44946	42.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.385	113	38238	46.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	142509	46.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	57399	45.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%

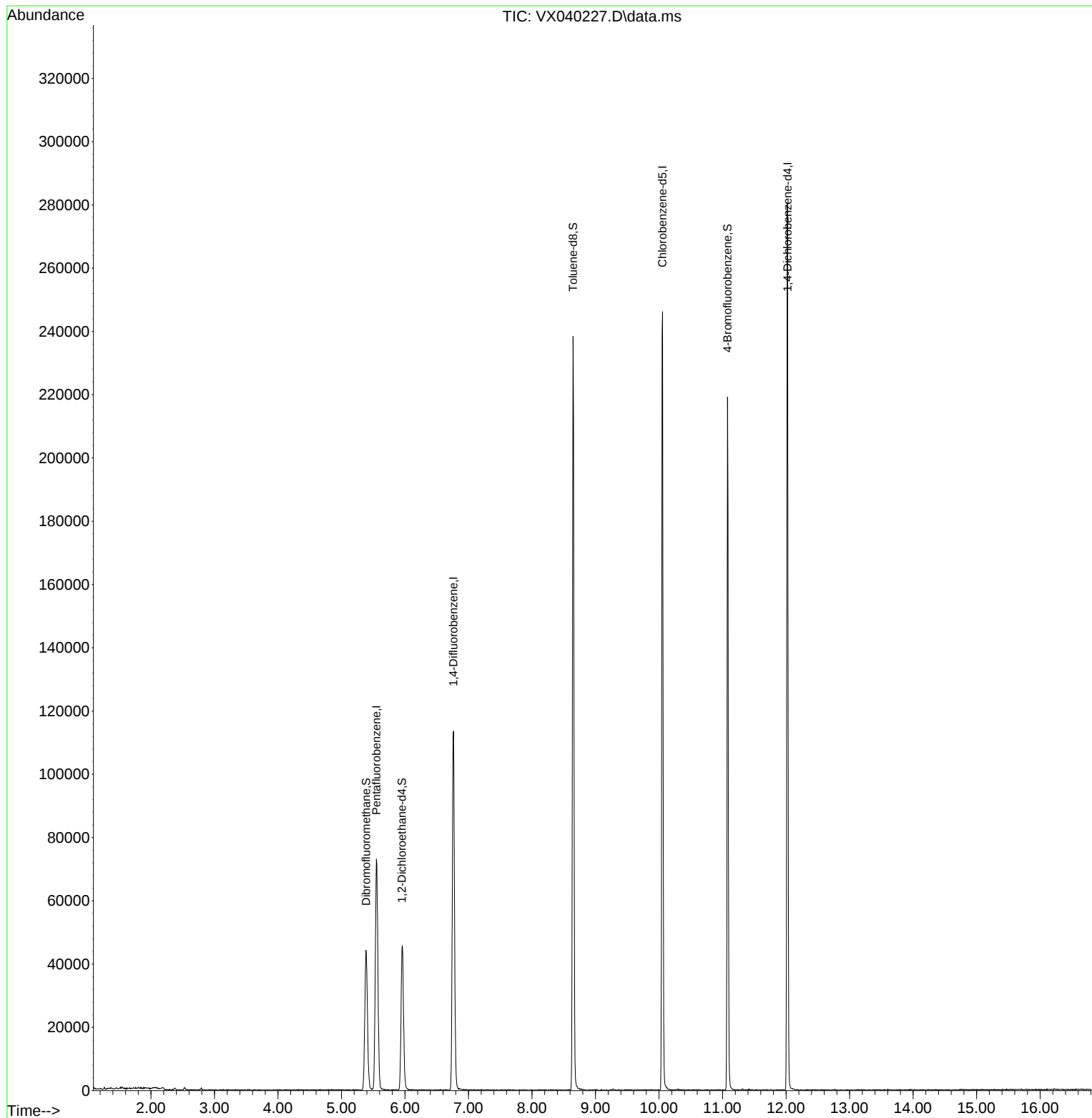
Target Compounds	Qvalue

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

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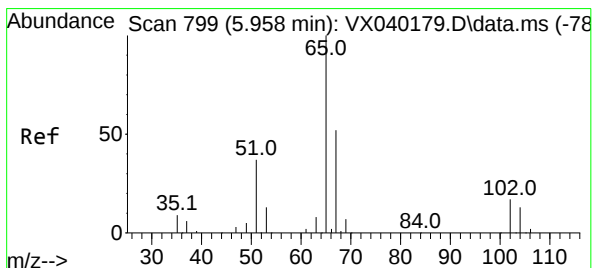
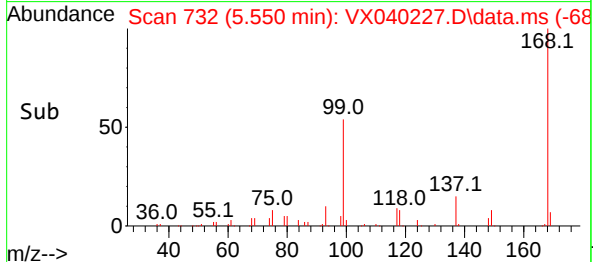
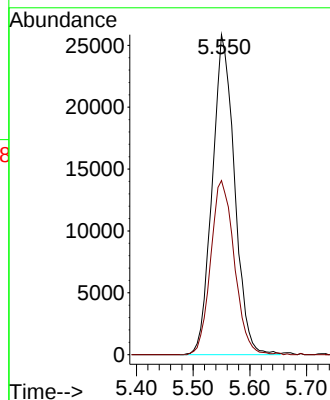
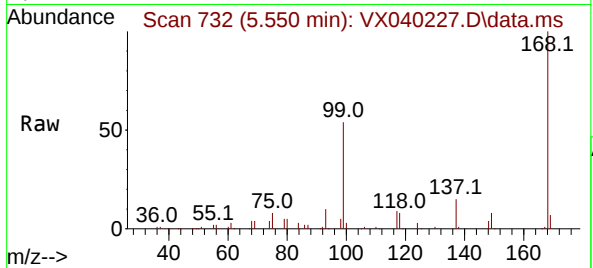




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

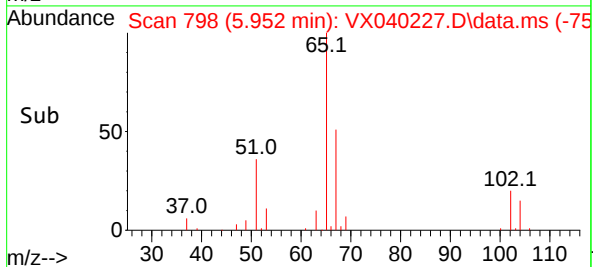
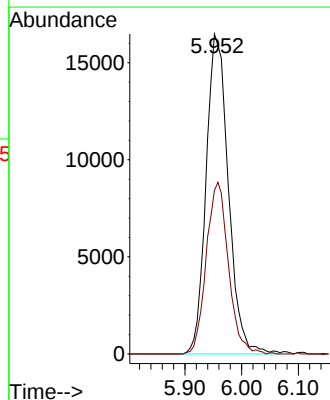
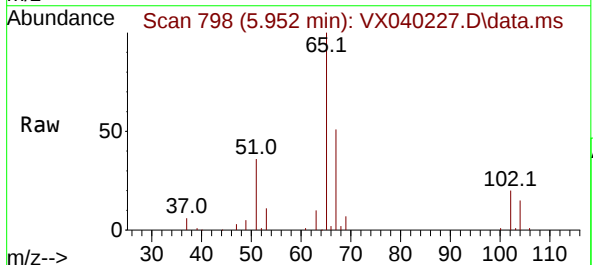
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

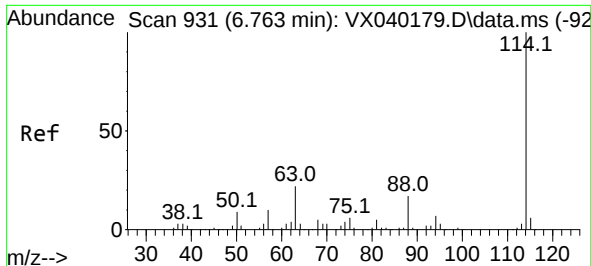
Tgt Ion:168 Resp: 70688
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 42.739 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 65 Resp: 44946
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

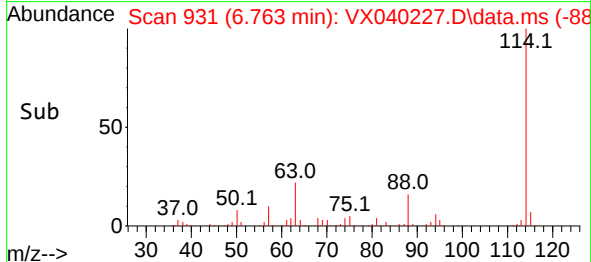
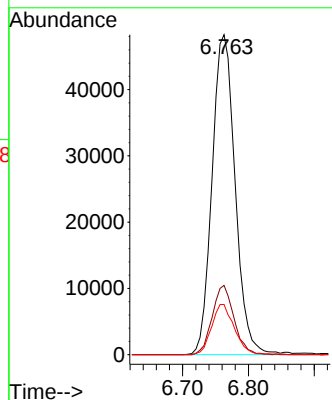
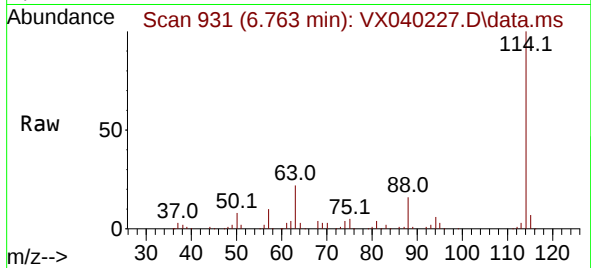




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

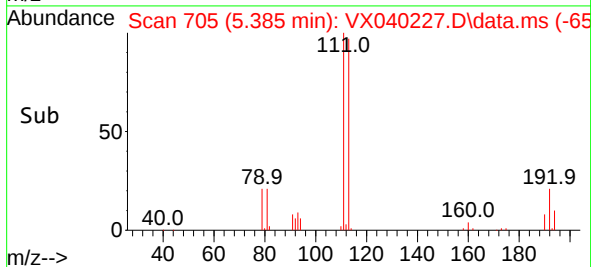
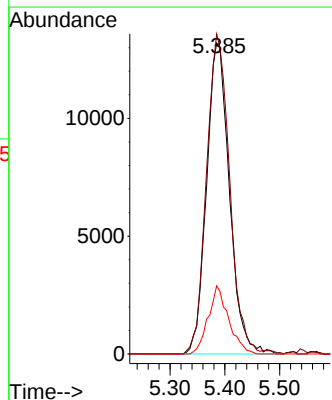
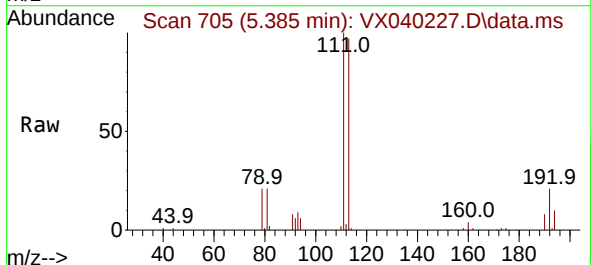
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

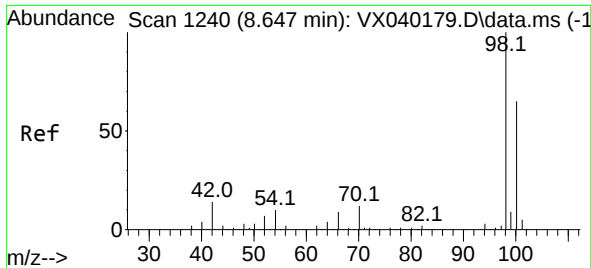
Tgt Ion:114 Resp: 117777
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion:113 Resp: 38238
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.5 13.3 19.9

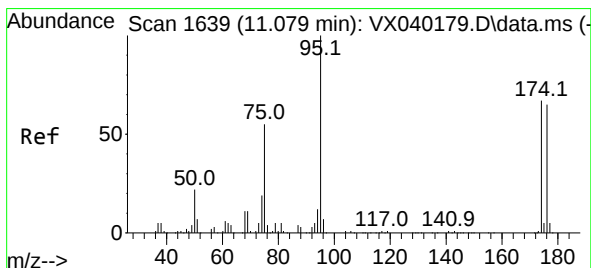
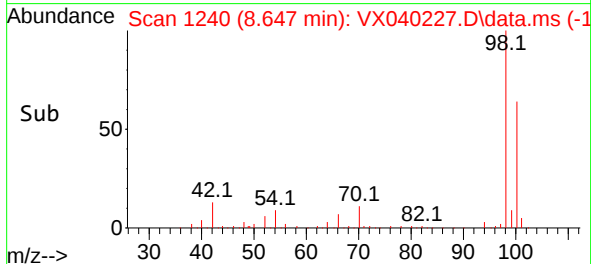
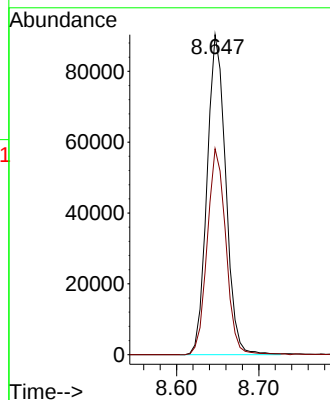
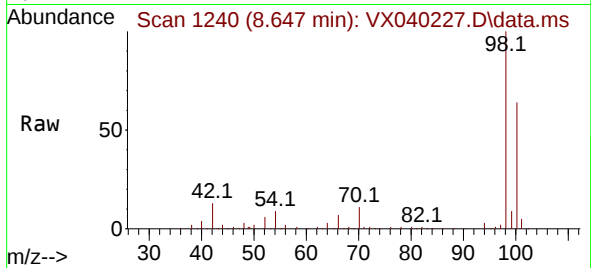




#50
Toluene-d8
Concen: 46.319 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

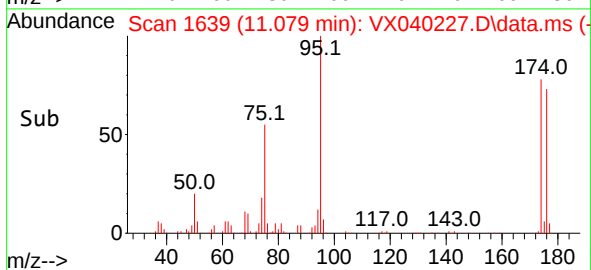
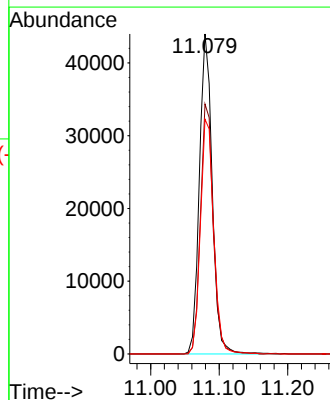
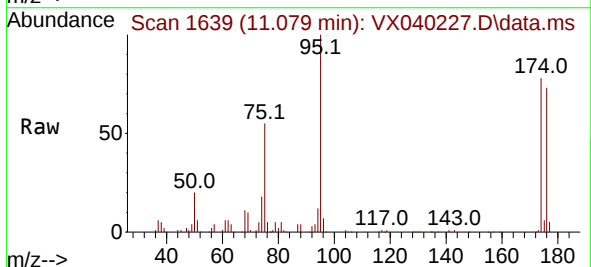
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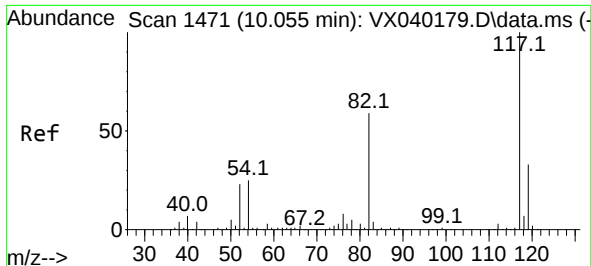
Tgt Ion: 98 Resp: 142509
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 95 Resp: 57399
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 75.8 0.0 131.0

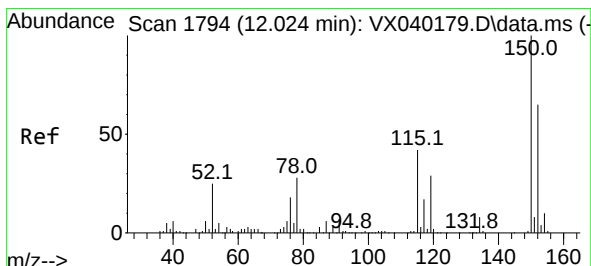
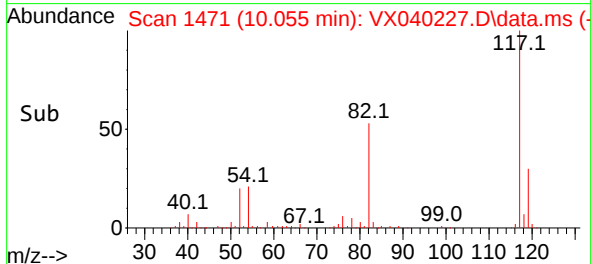
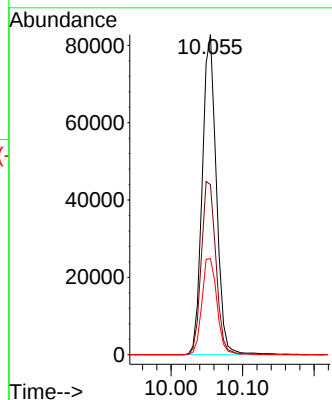
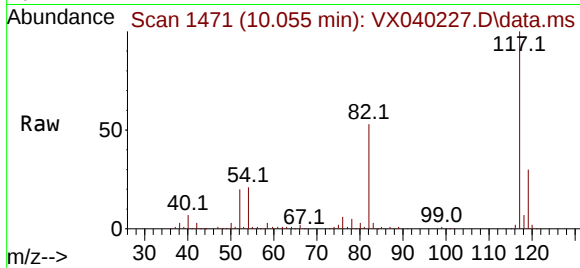




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:	117	Resp:	113560
Ion	Ratio	Lower	Upper
117	100		
82	53.1	46.2	69.4
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion:	152	Resp:	59447
Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.3	129.9
150	158.5	0.0	345.0

