

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040229.D
 Acq On : 14 Feb 2024 18:36
 Operator : JC/MD
 Sample : P1445-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 15 00:06:43 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	5.556	168	70826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46398	44.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.060%
35) Dibromofluoromethane	5.385	113	38809	46.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	145461	46.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	56491	44.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%

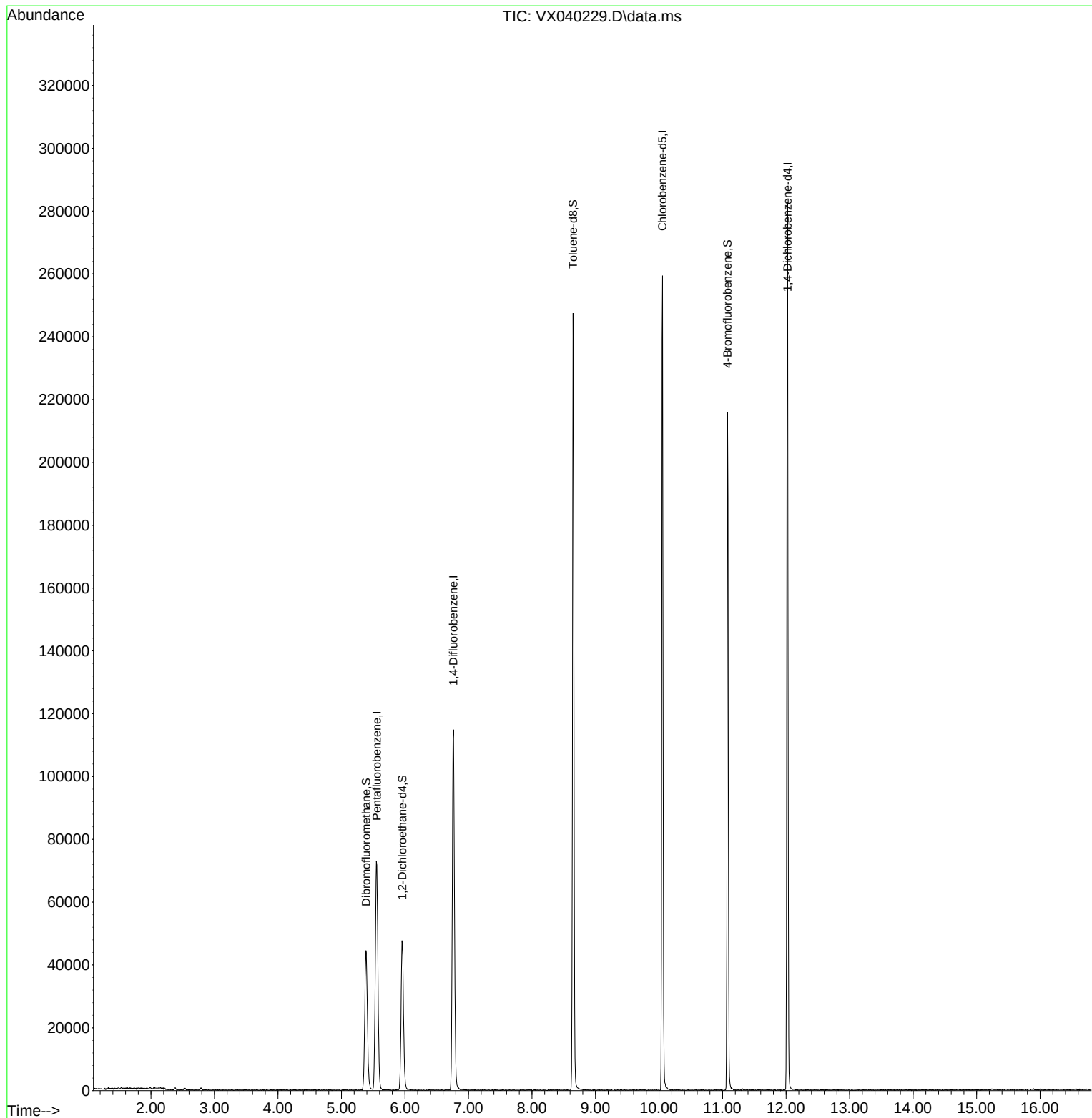
Target Compounds	Qvalue

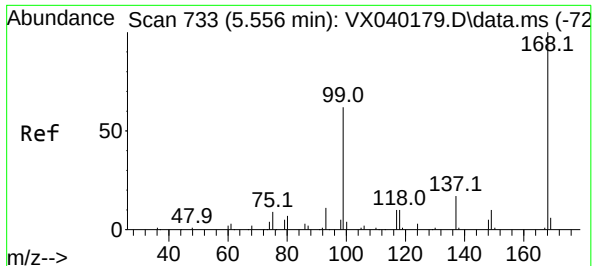
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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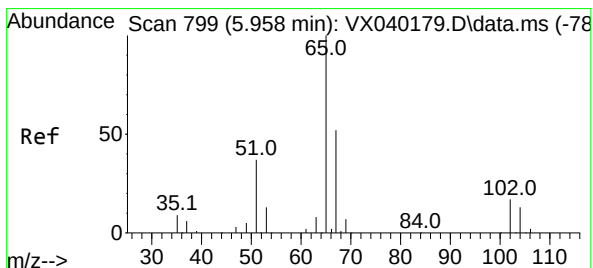
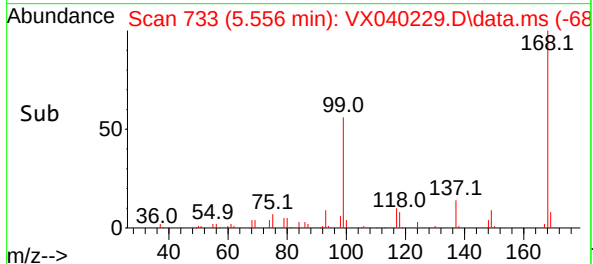
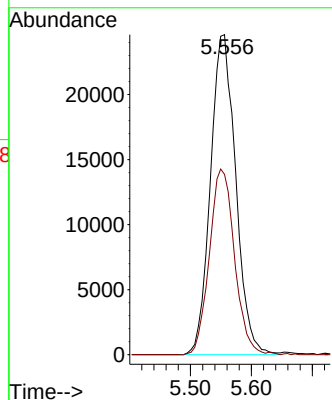
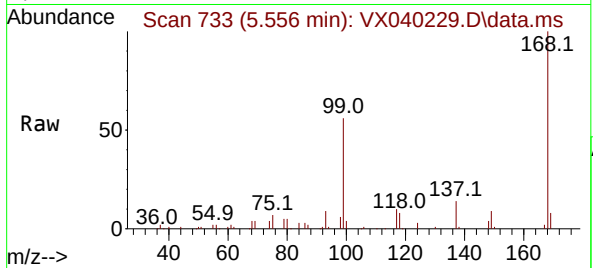




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

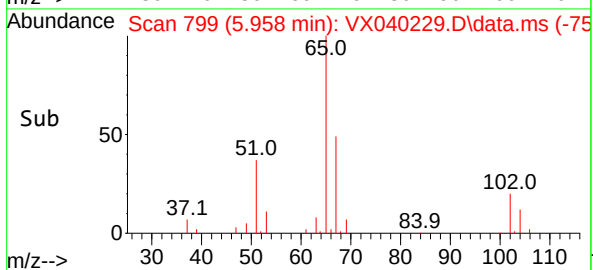
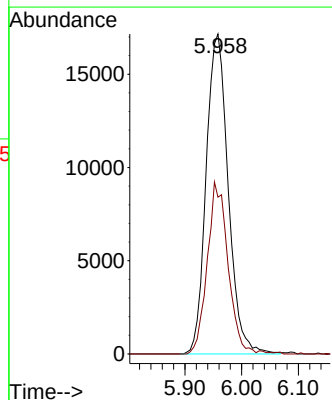
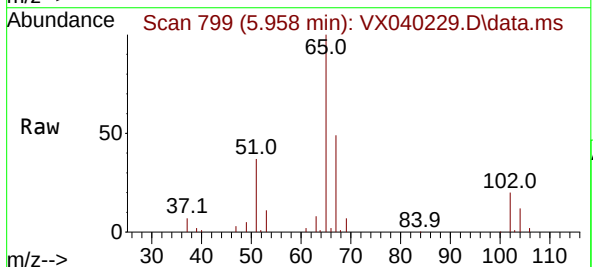
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

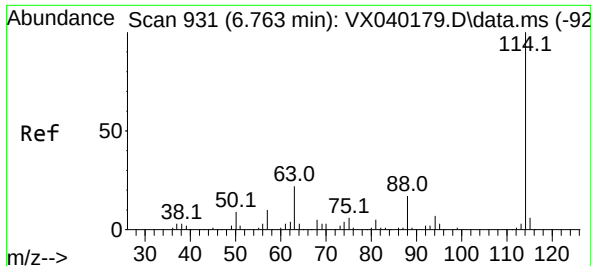
Tgt Ion:168 Resp: 70826
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.034 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion: 65 Resp: 46398
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

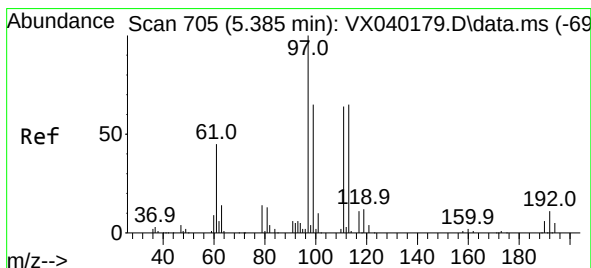
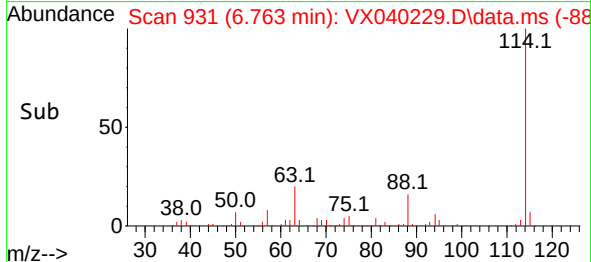
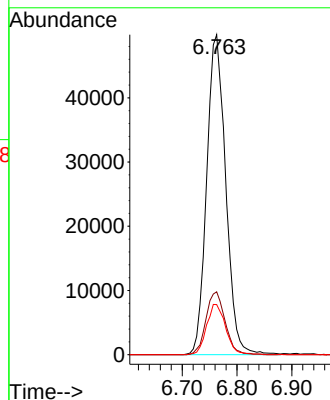
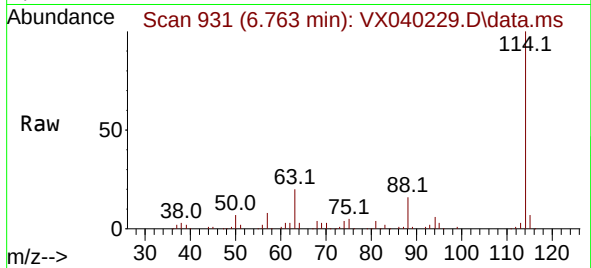




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

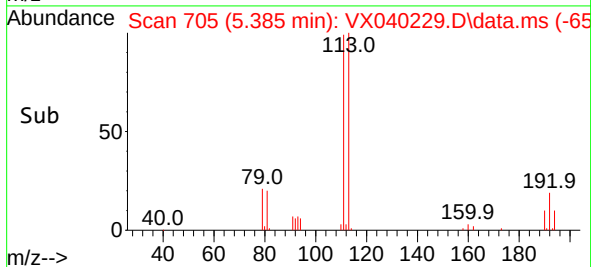
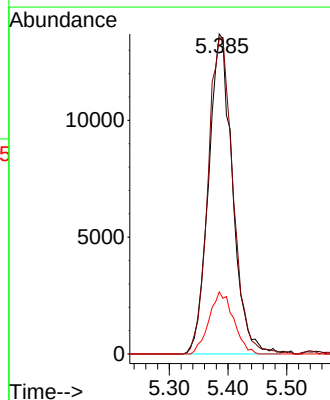
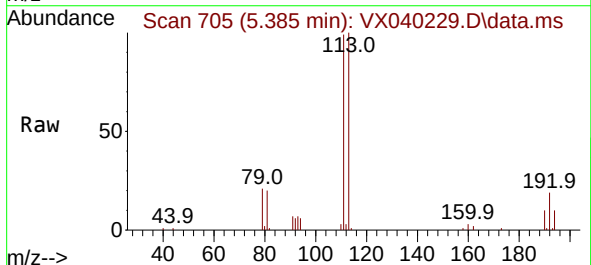
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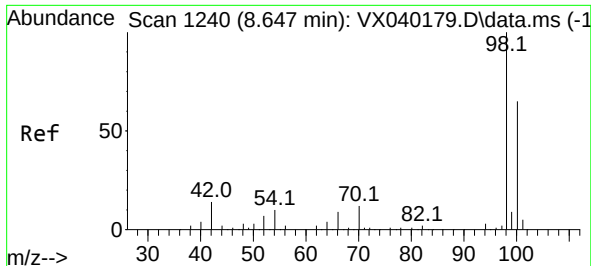
Tgt Ion:114 Resp: 120019
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion:113 Resp: 38809
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.8 13.3 19.9

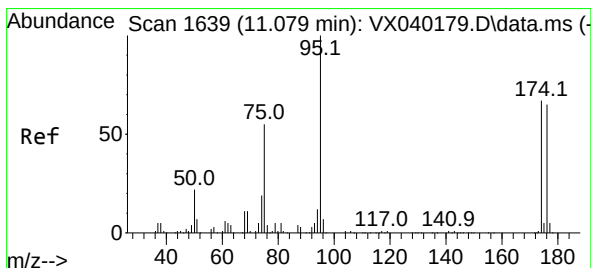
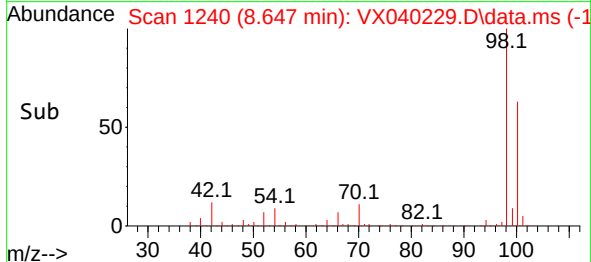
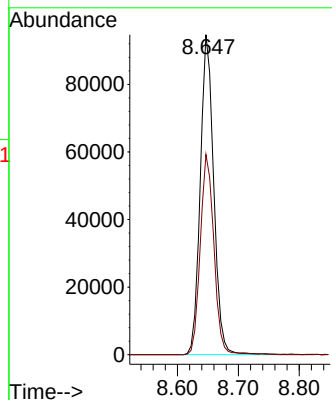
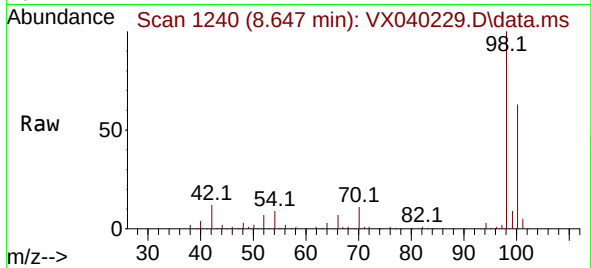




#50
Toluene-d8
Concen: 46.395 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

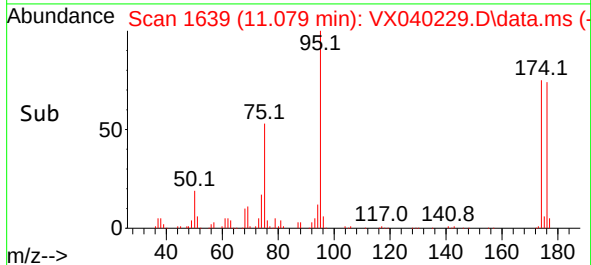
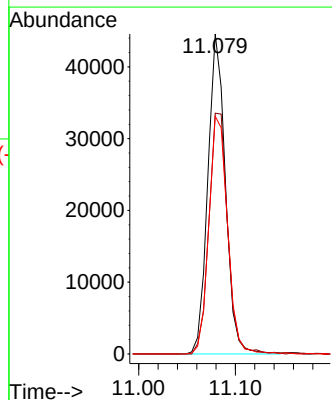
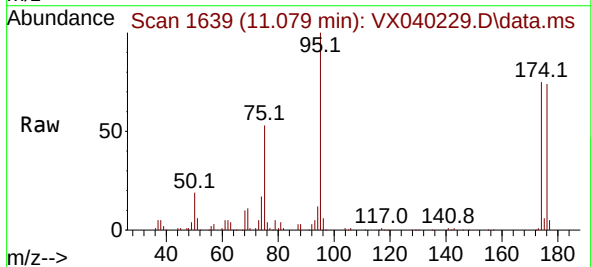
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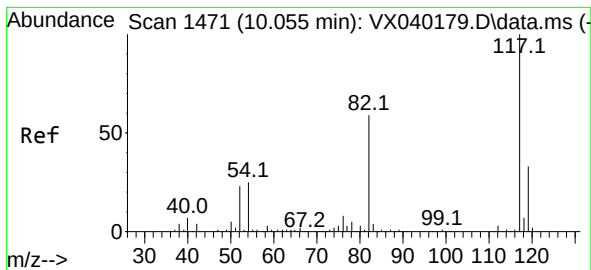
Tgt Ion: 98 Resp: 145461
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion: 95 Resp: 56491
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 79.1 0.0 131.0

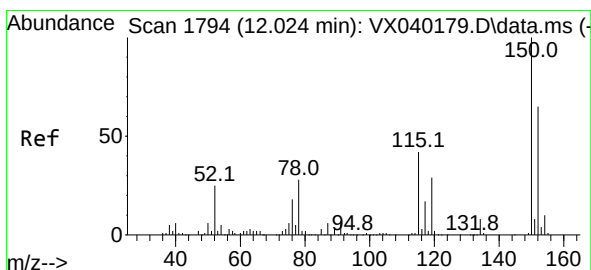
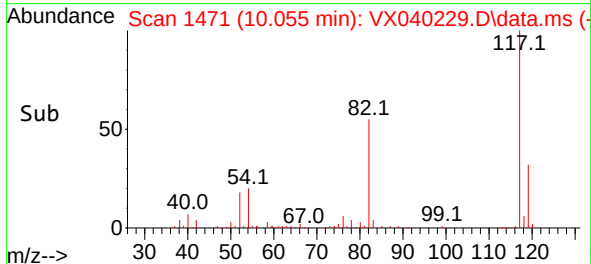
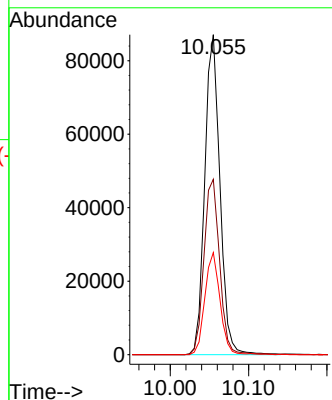
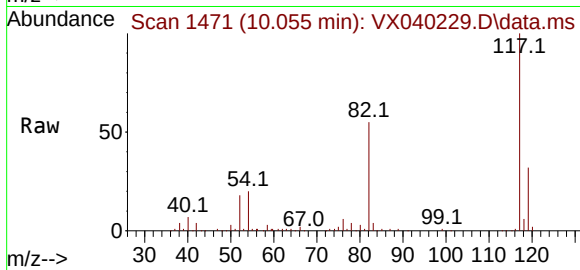




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 117122
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 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: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion:152 Resp: 59942
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.7 0.0 345.0

