

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036795.D
 Acq On : 03 Aug 2023 13:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 04 07:32:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

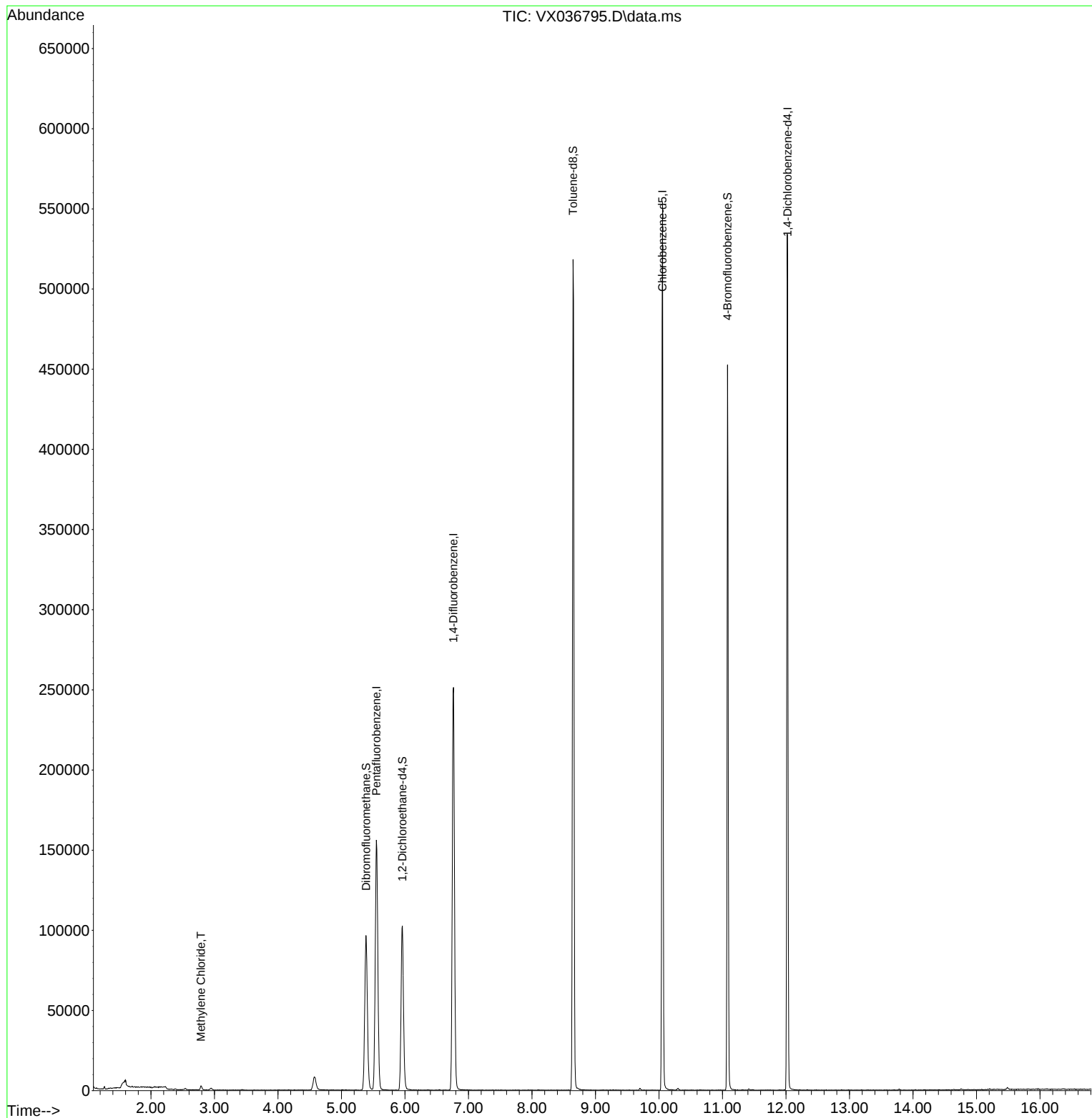
Internal Standards						
1) Pentafluorobenzene	5.550	168	143333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99254	46.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.385	113	83877	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	313285	48.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	117909	48.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
20) Methylene Chloride	2.788	84	1371	0.700	ug/l	Qvalue # 82

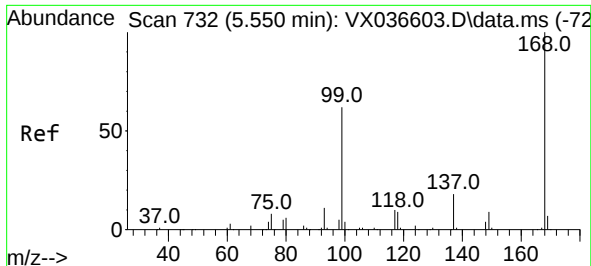
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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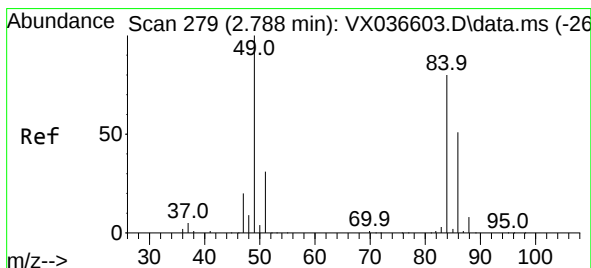
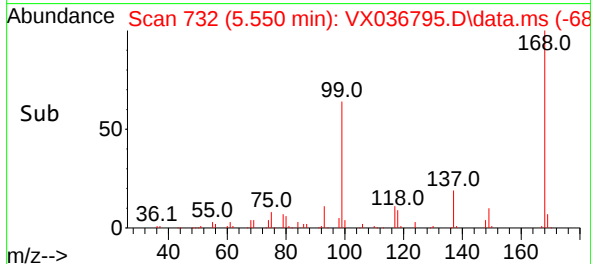
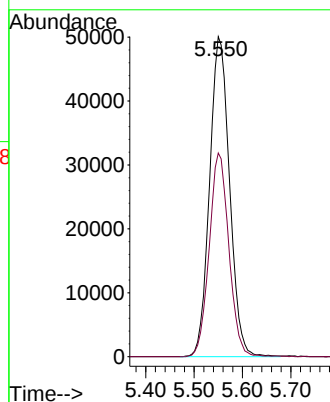
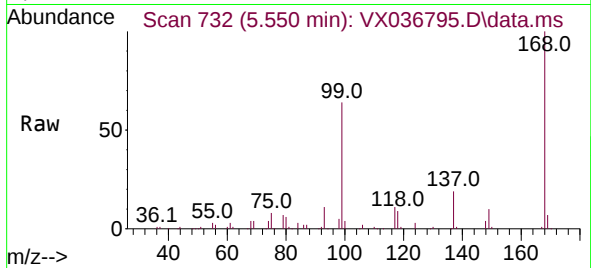




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036795.D
Acq: 03 Aug 2023 13:19

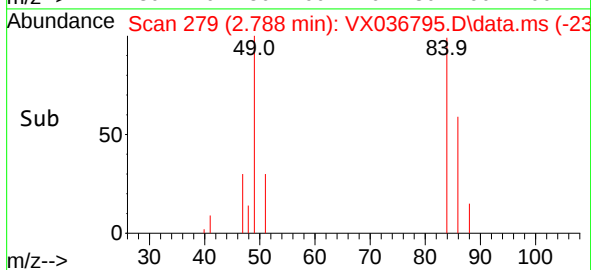
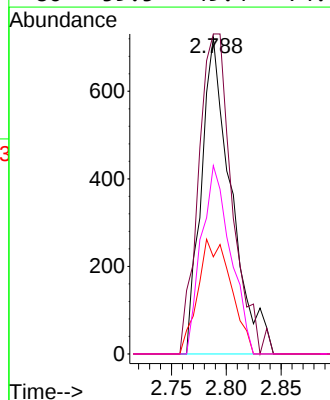
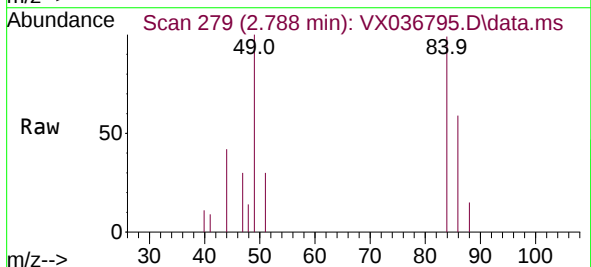
Instrument :
MSVOA_X
ClientSampleId :
IBLK

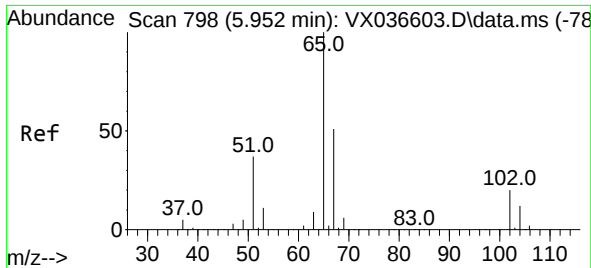
Tgt Ion:168 Resp: 143333
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036795.D
Acq: 03 Aug 2023 13:19

Tgt Ion: 84 Resp: 1371
Ion Ratio Lower Upper
84 100
49 101.1 103.6 155.4#
51 30.7 33.8 50.6#
86 59.5 49.4 74.0

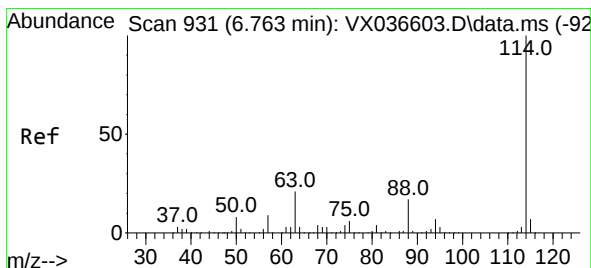
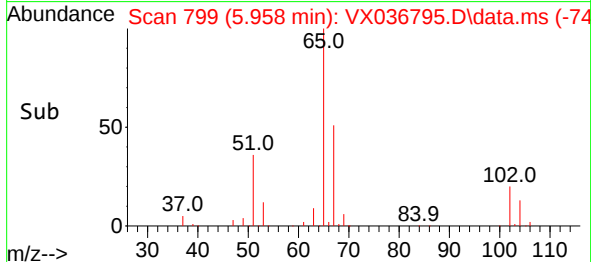
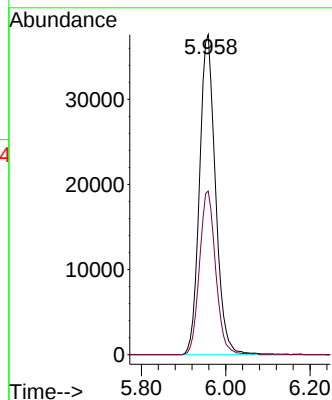
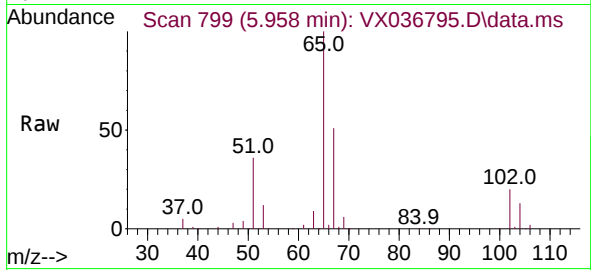




#33
 1,2-Dichloroethane-d4
 Concen: 46.800 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036795.D
 Acq: 03 Aug 2023 13:19

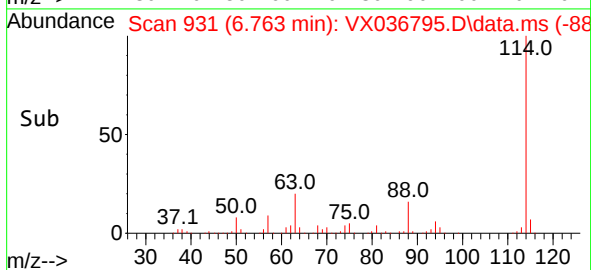
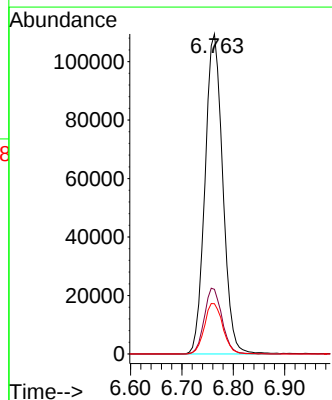
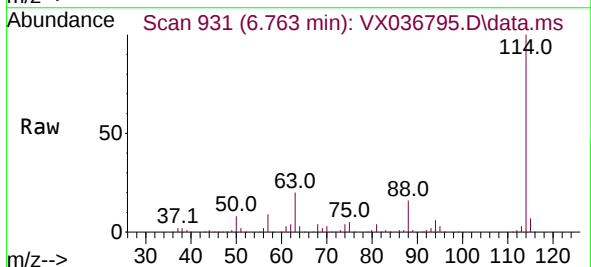
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 65 Resp: 99254
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036795.D
 Acq: 03 Aug 2023 13:19

Tgt Ion: 114 Resp: 262743
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036795.D

Acq: 03 Aug 2023 13:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

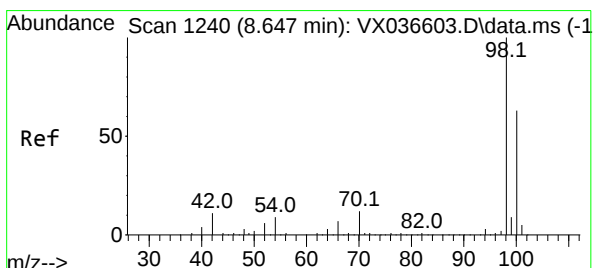
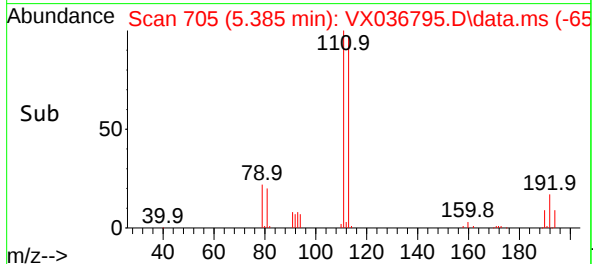
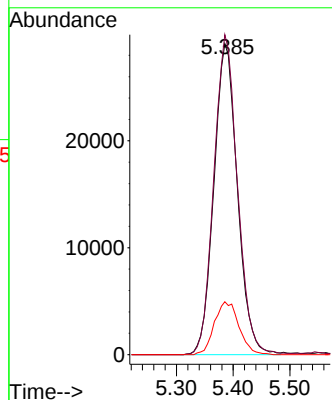
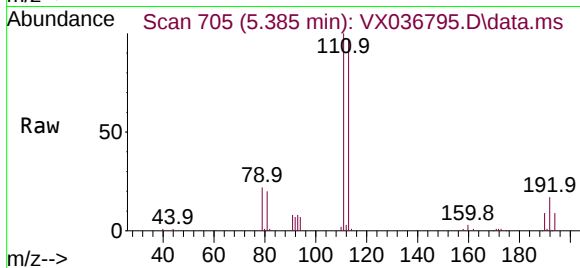
Tgt Ion:113 Resp: 83877

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 17.8 13.3 19.9



#50

Toluene-d8

Concen: 48.918 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036795.D

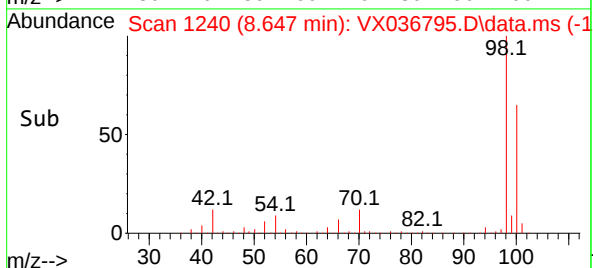
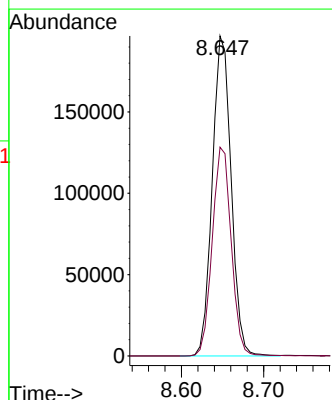
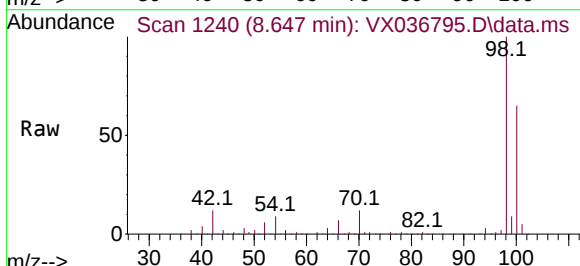
Acq: 03 Aug 2023 13:19

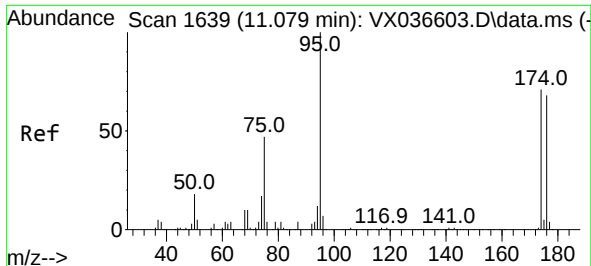
Tgt Ion: 98 Resp: 313285

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

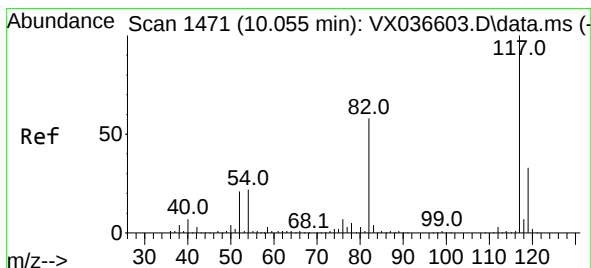
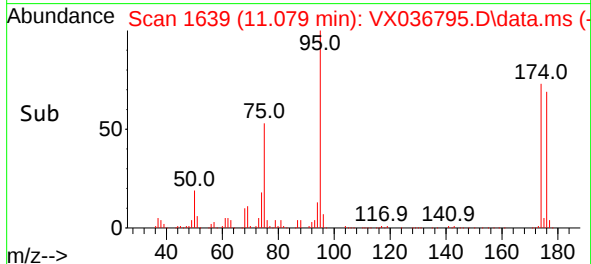
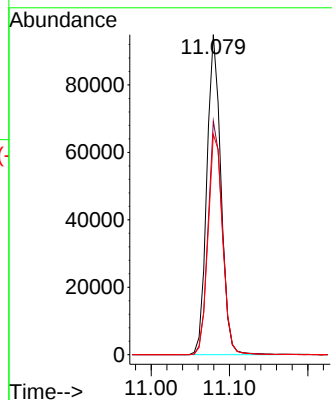
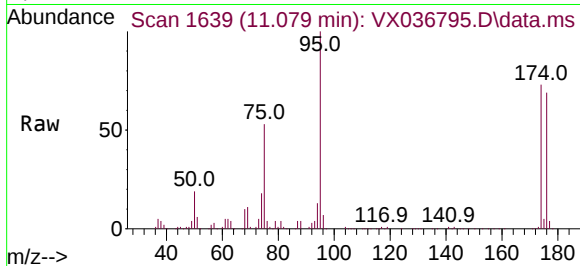




#62
4-Bromofluorobenzene
Concen: 48.799 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036795.D
Acq: 03 Aug 2023 13:19

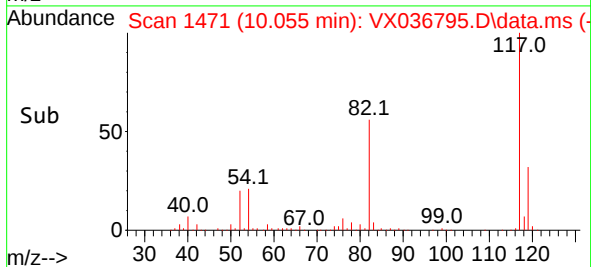
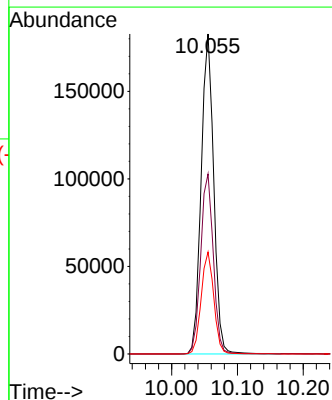
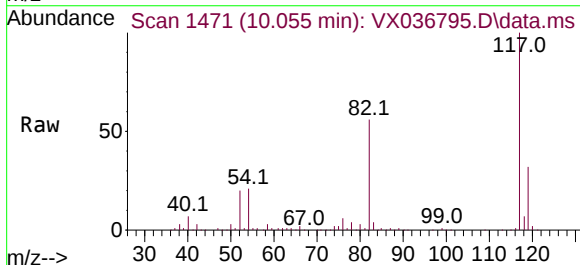
Instrument :
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IBLK

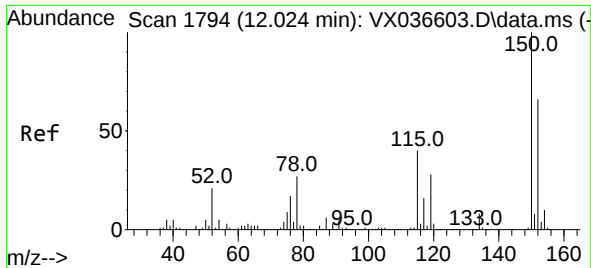
Tgt Ion: 95 Resp: 117909
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036795.D
Acq: 03 Aug 2023 13:19

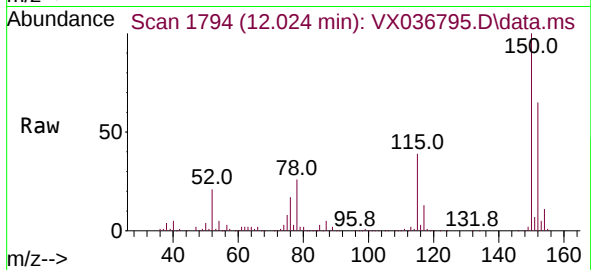
Tgt Ion: 117 Resp: 242415
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036795.D
 Acq: 03 Aug 2023 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 108391
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.3 129.9
 150 156.2 0.0 345.0

