

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036896.D
 Acq On : 09 Aug 2023 18:45
 Operator : JC/MD
 Sample : 03957-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15-0809

Quant Time: Aug 10 01:21:00 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)

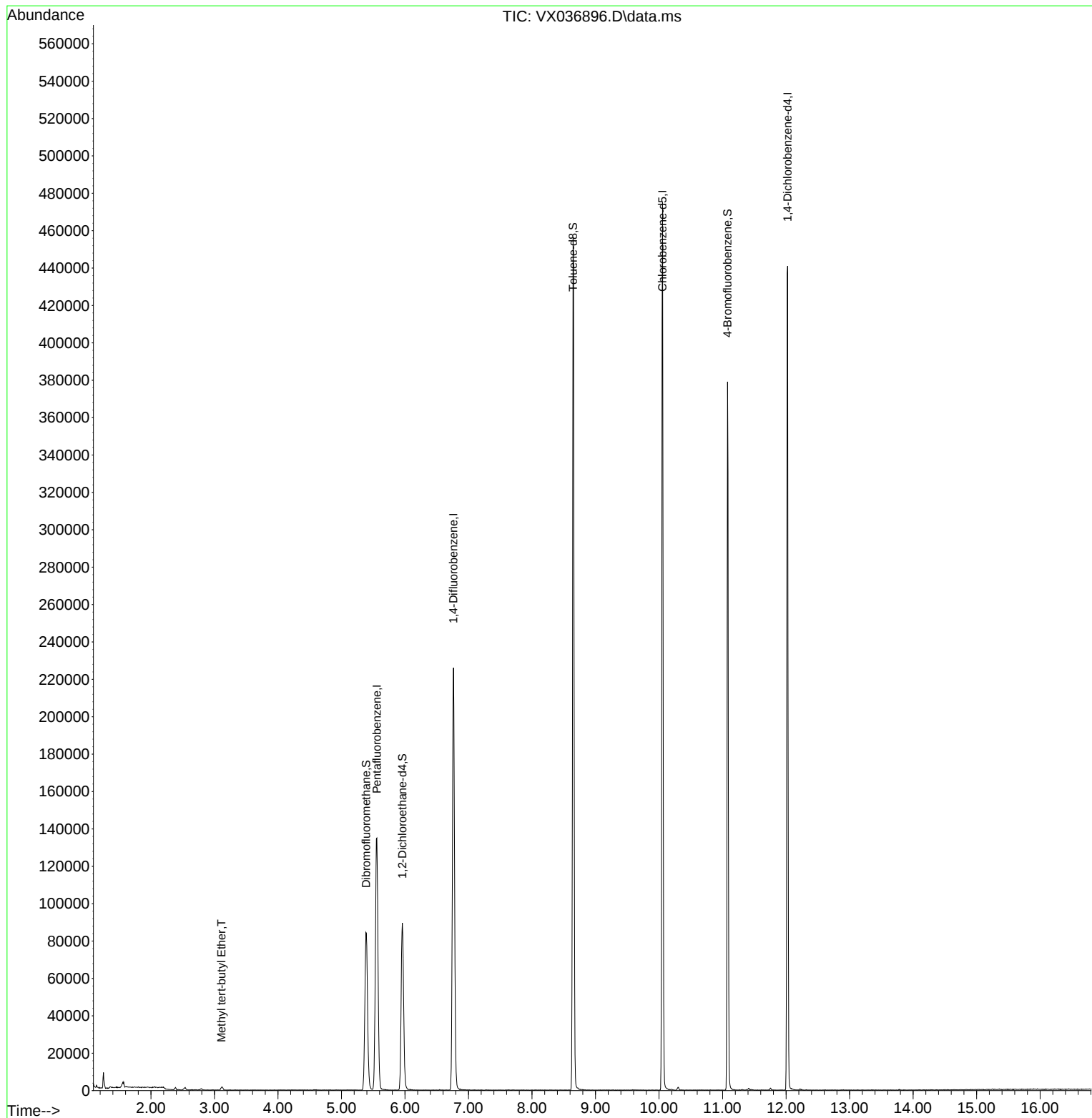
Internal Standards						
1) Pentafluorobenzene	5.556	168	125789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90030	48.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.385	113	74729	47.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	275363	48.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	102347	48.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	2121	0.401	ug/l	Qvalue # 89

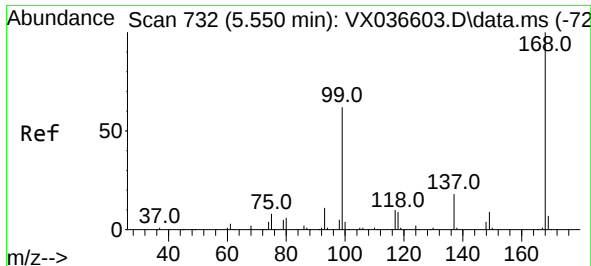
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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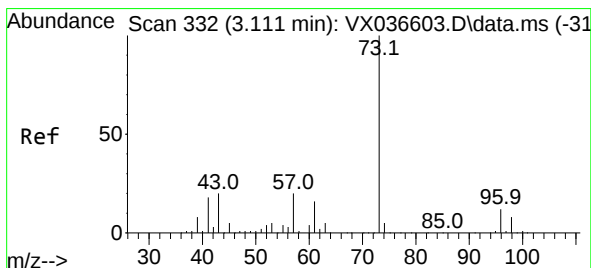
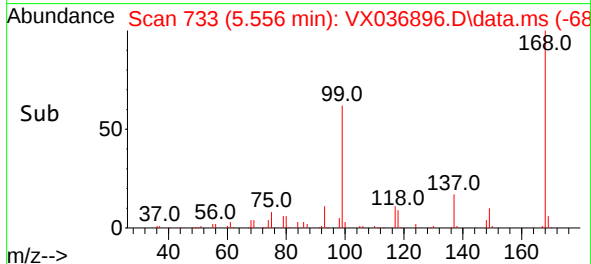
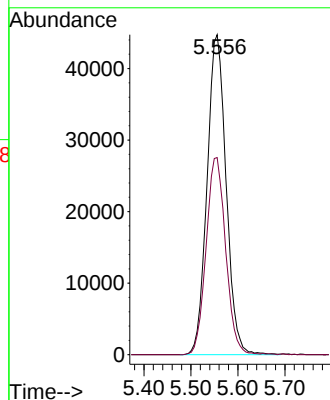
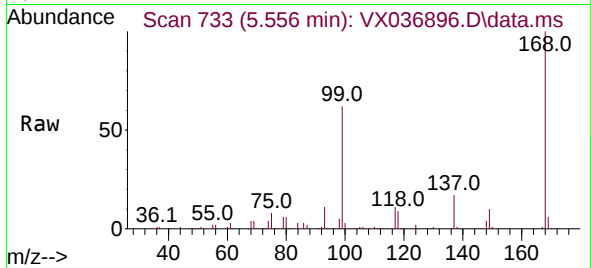




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

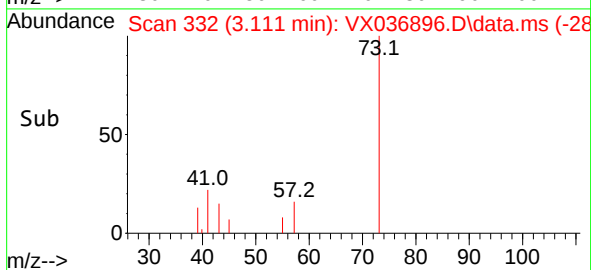
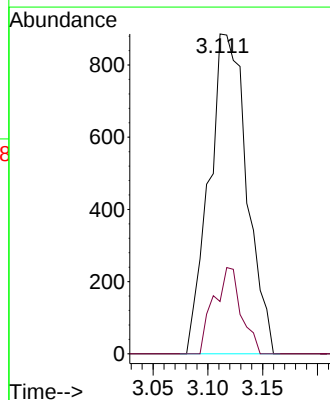
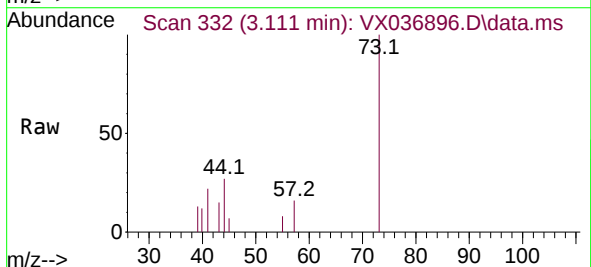
Instrument :
MSVOA_X
ClientSampleId :
MW-15-0809

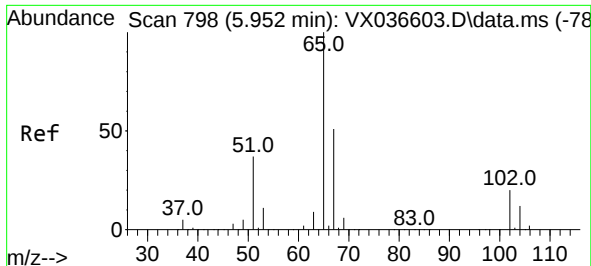
Tgt Ion:168 Resp: 125789
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.401 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

Tgt Ion: 73 Resp: 2121
Ion Ratio Lower Upper
73 100
57 16.4 17.3 25.9#

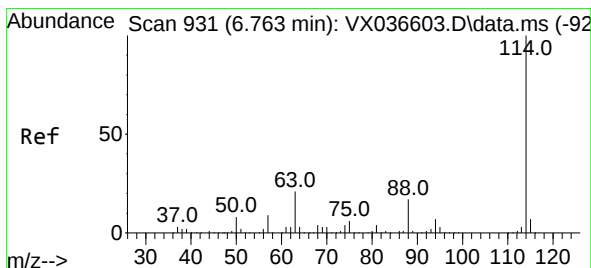
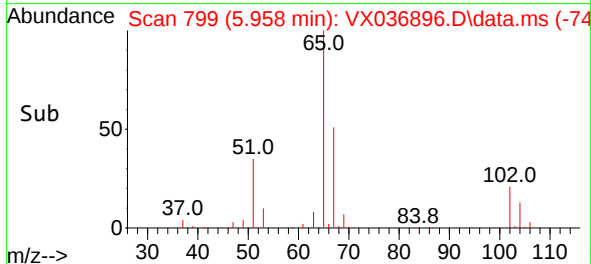
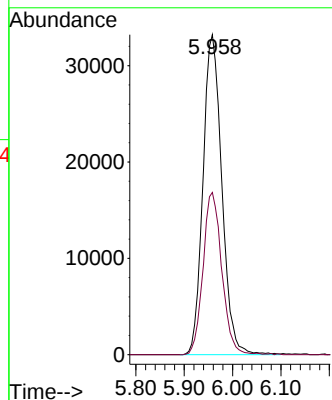
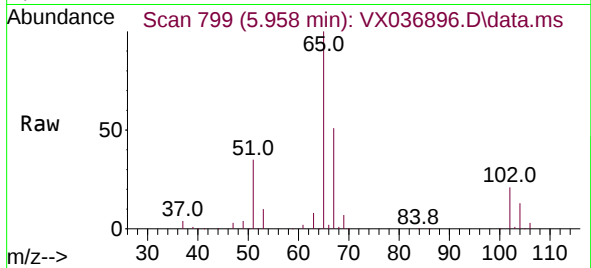




#33
 1,2-Dichloroethane-d4
 Concen: 48.371 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036896.D
 Acq: 09 Aug 2023 18:45

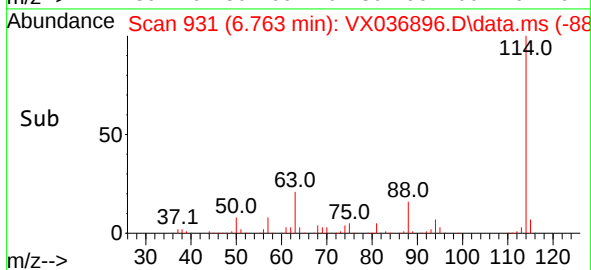
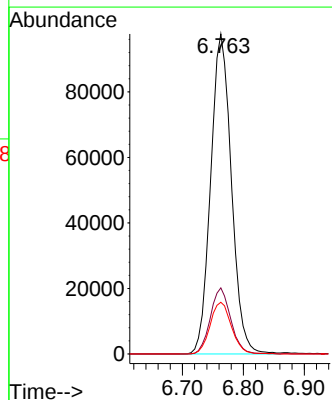
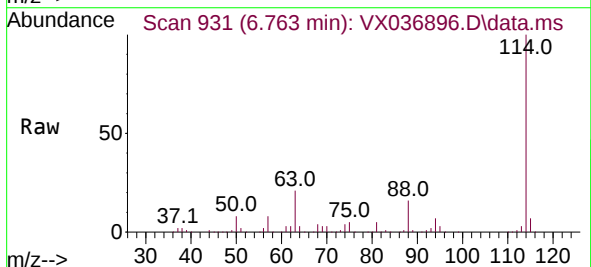
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15-0809

Tgt Ion: 65 Resp: 90030
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VX036896.D
 Acq: 09 Aug 2023 18:45

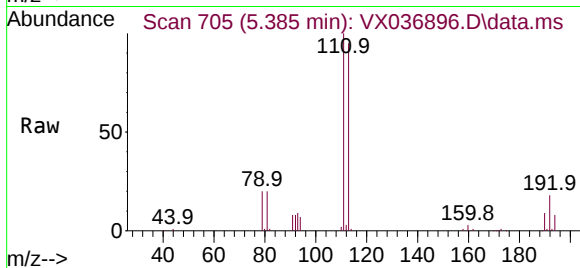
Tgt Ion: 114 Resp: 230914
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 16.2 0.0 36.6



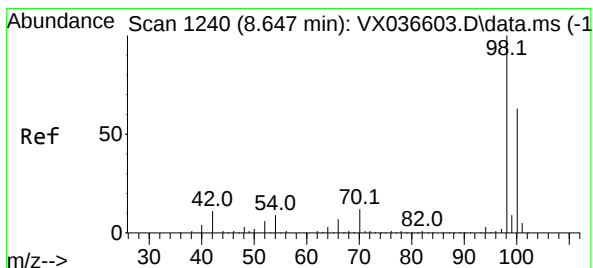
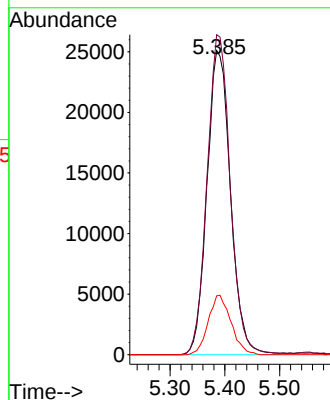
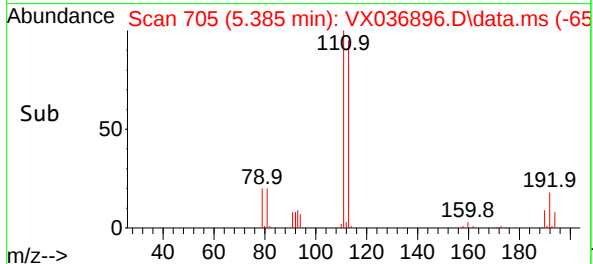


#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

Instrument :
MSVOA_X
ClientSampleId :
MW-15-0809

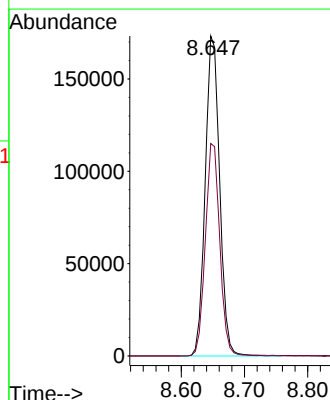
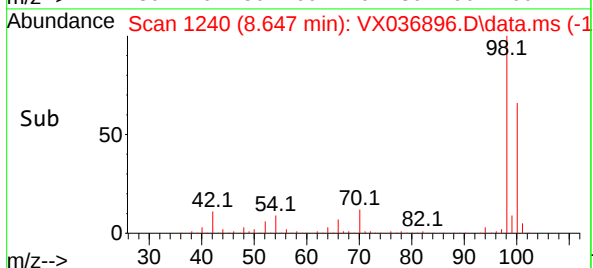
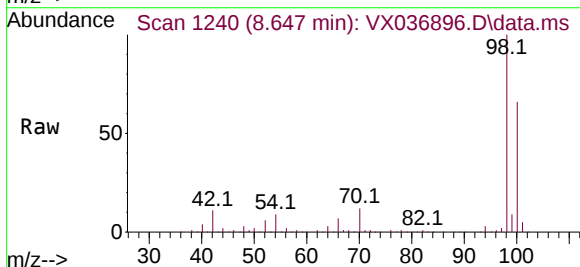


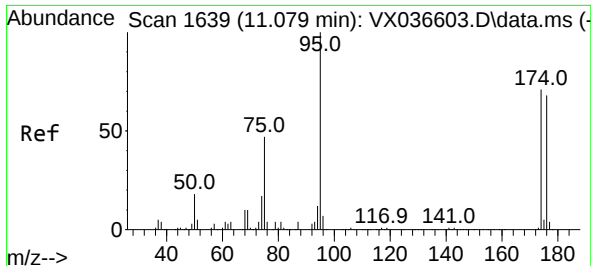
Tgt Ion:113 Resp: 74729
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.9 13.3 19.9



#50
Toluene-d8
Concen: 48.923 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

Tgt Ion: 98 Resp: 275363
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

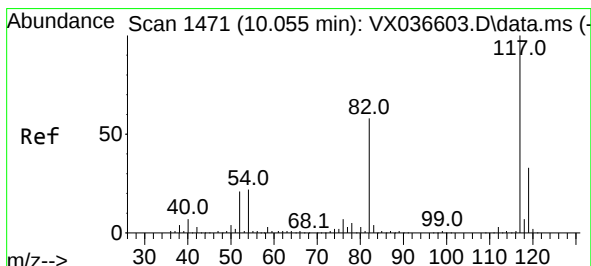
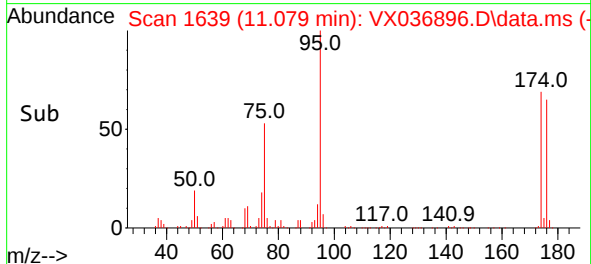
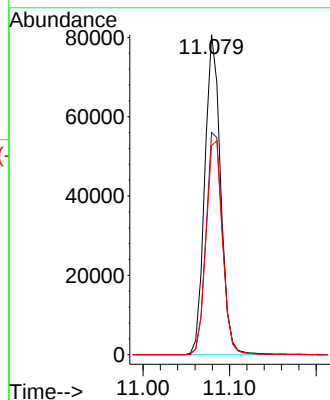
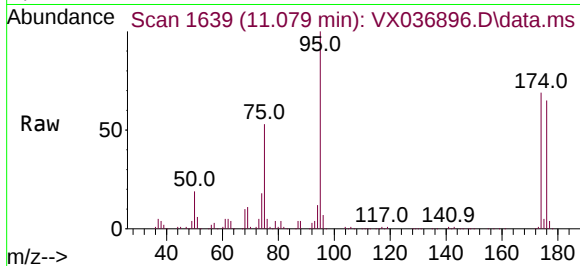




#62
4-Bromofluorobenzene
Concen: 48.197 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

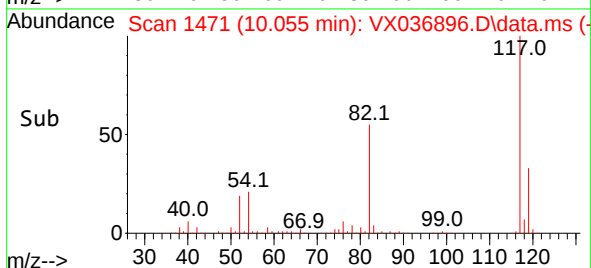
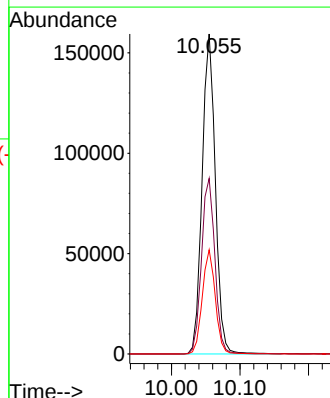
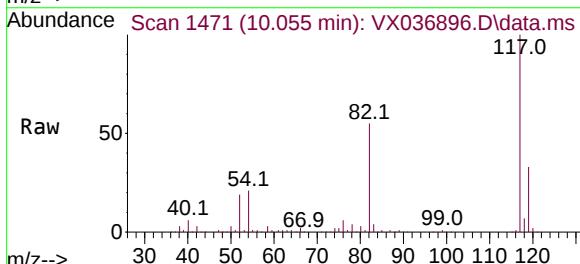
Instrument :
MSVOA_X
ClientSampleId :
MW-15-0809

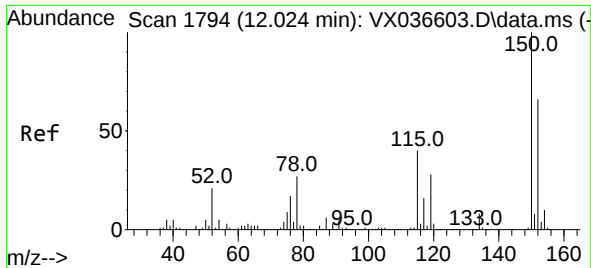
Tgt Ion: 95 Resp: 102347
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036896.D
Acq: 09 Aug 2023 18:45

Tgt Ion: 117 Resp: 214259
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.6 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: VX036896.D

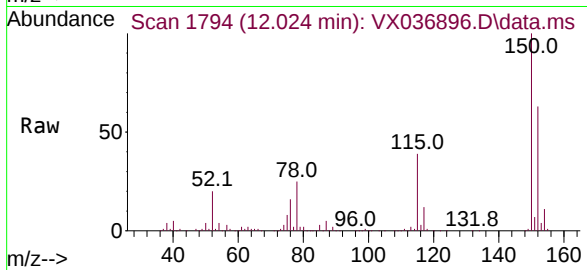
Acq: 09 Aug 2023 18:45

Instrument :

MSVOA_X

ClientSampleId :

MW-15-0809



Tgt Ion:152 Resp: 91649

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 158.2 0.0 345.0

