

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036848.D
 Acq On : 07 Aug 2023 19:41
 Operator : JC/MD
 Sample : 03924-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08922

Quant Time: Aug 08 01:41:05 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)

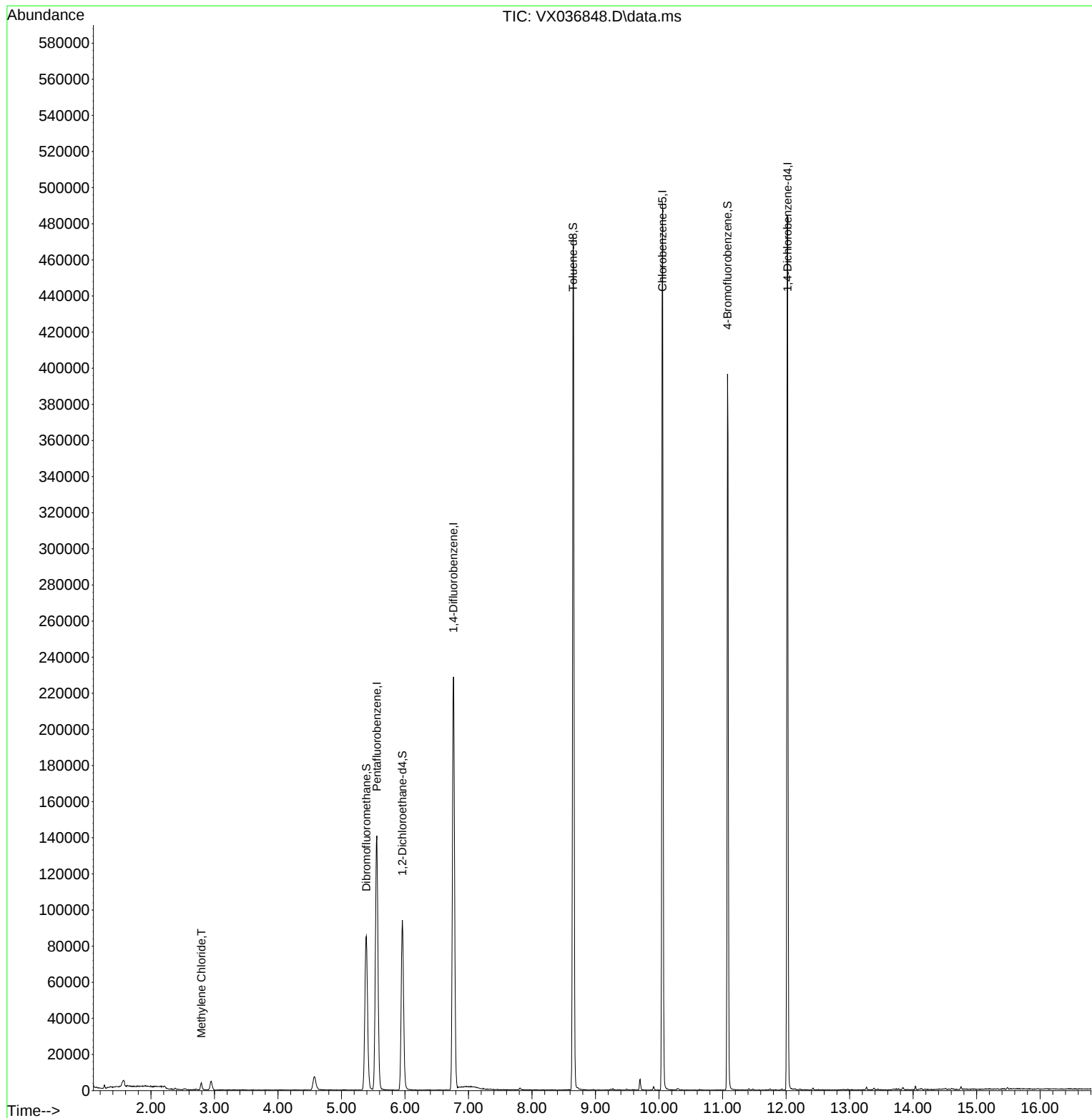
Internal Standards						
1) Pentafluorobenzene	5.556	168	130845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91809	47.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.840%
35) Dibromofluoromethane	5.391	113	75942	46.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	8.647	98	284827	49.029	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	109465	49.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
20) Methylene Chloride	2.794	84	1900	1.063	ug/l	Qvalue 90

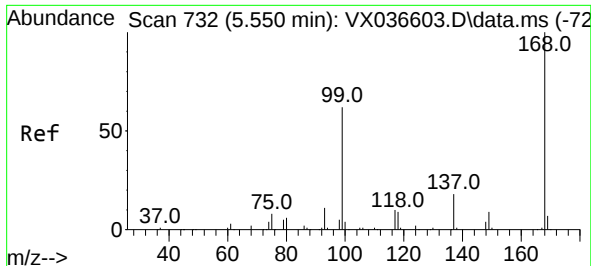
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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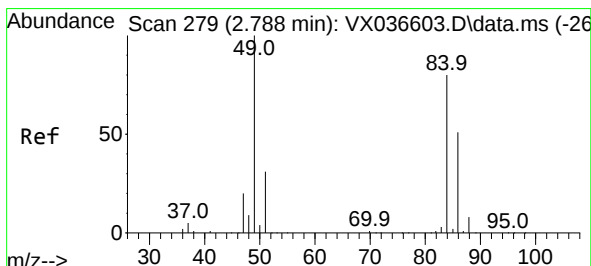
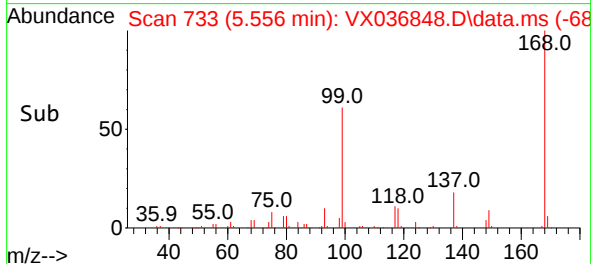
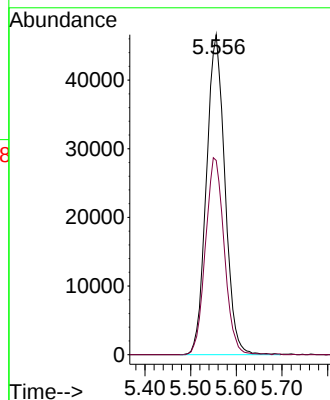
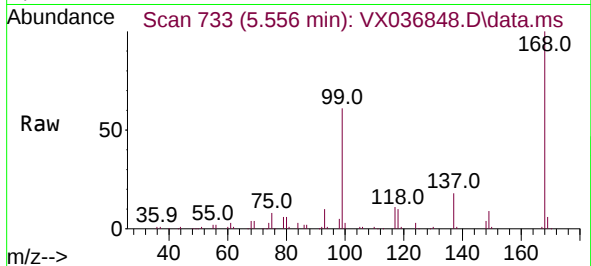




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

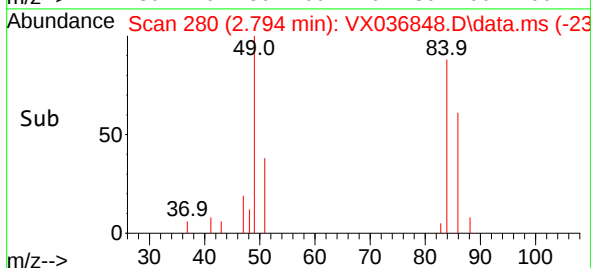
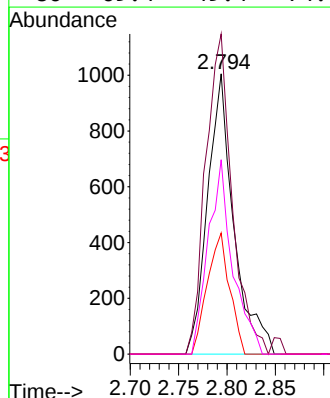
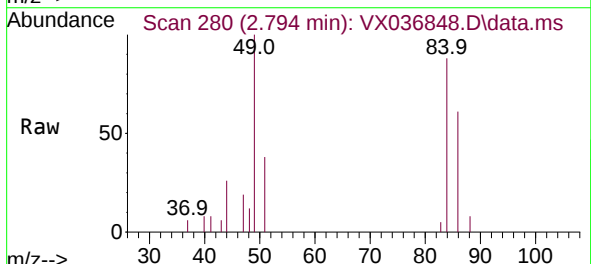
Instrument :
MSVOA_X
ClientSampleId :
08922

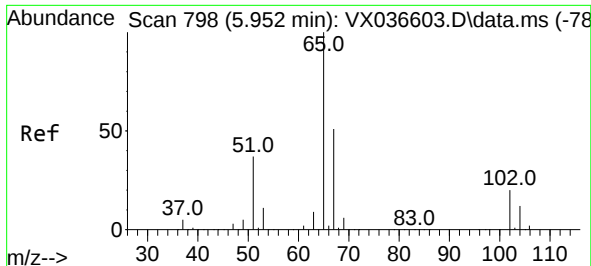
Tgt Ion:168 Resp: 130845
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#20
Methylene Chloride
Concen: 1.063 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

Tgt Ion: 84 Resp: 1900
Ion Ratio Lower Upper
84 100
49 114.2 103.6 155.4
51 43.2 33.8 50.6
86 69.4 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.421 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036848.D

Acq: 07 Aug 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

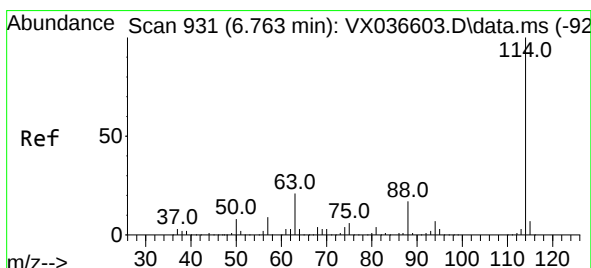
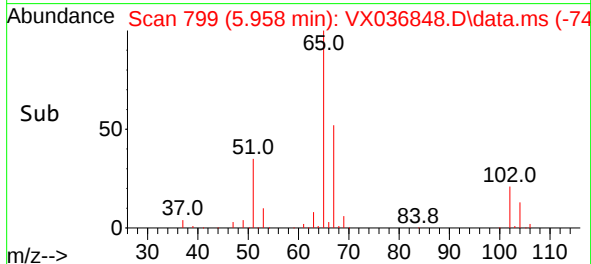
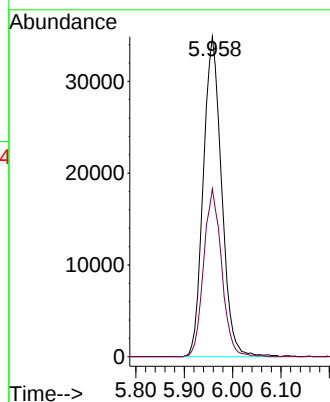
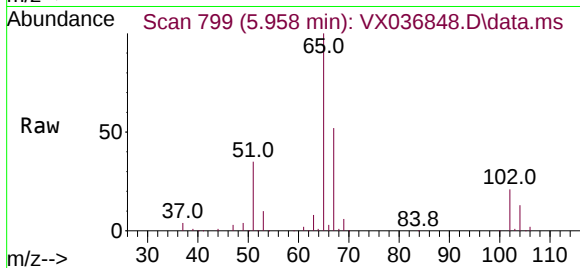
08922

Tgt Ion: 65 Resp: 91809

Ion Ratio Lower Upper

65 100

67 51.5 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: VX036848.D

Acq: 07 Aug 2023 19:41

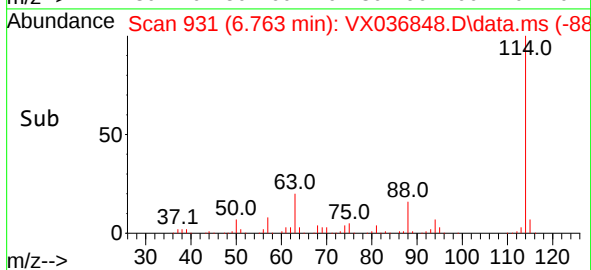
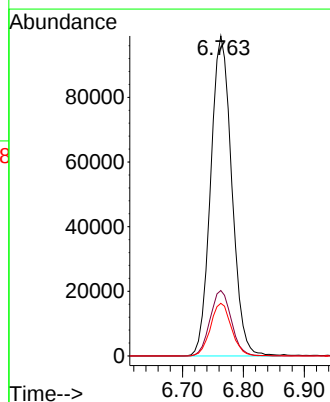
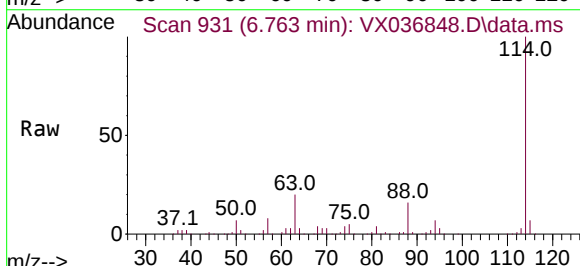
Tgt Ion: 114 Resp: 238336

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.357 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036848.D

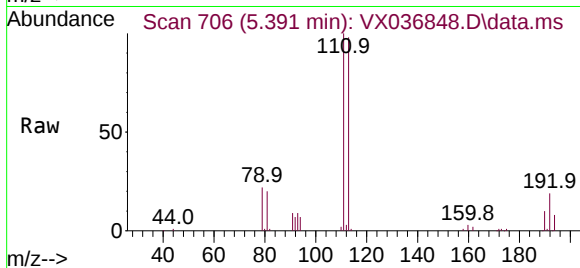
Acq: 07 Aug 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

08922



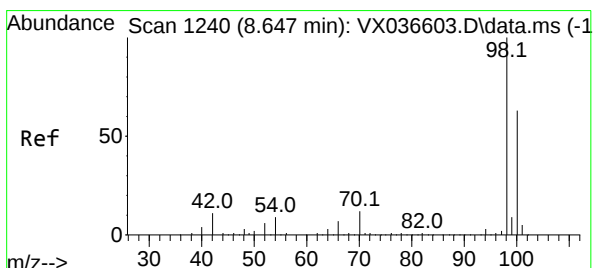
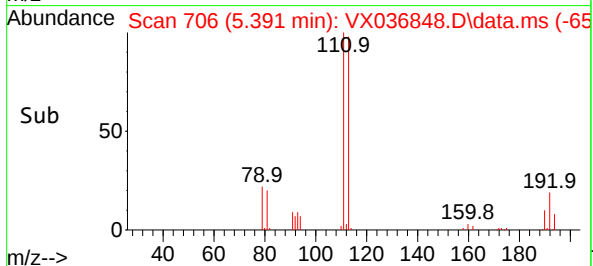
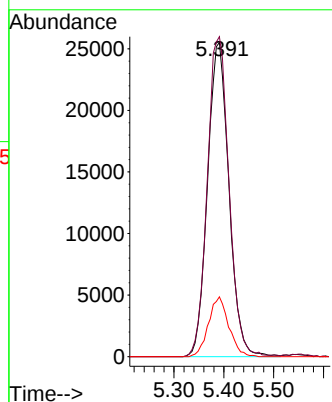
Tgt Ion:113 Resp: 75942

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 18.1 13.3 19.9



#50

Toluene-d8

Concen: 49.029 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036848.D

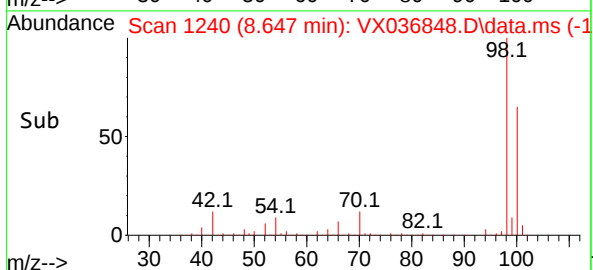
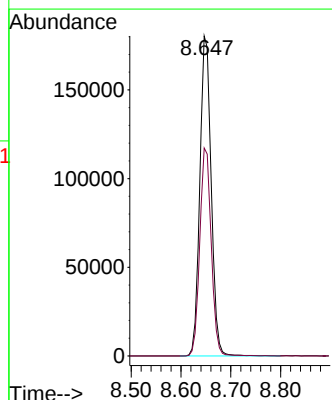
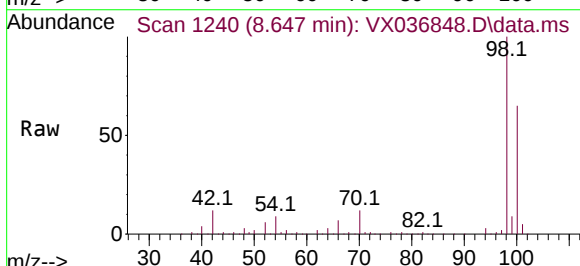
Acq: 07 Aug 2023 19:41

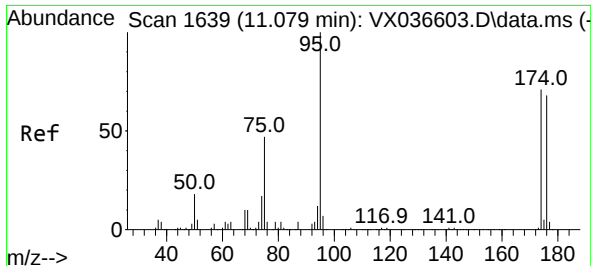
Tgt Ion: 98 Resp: 284827

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7

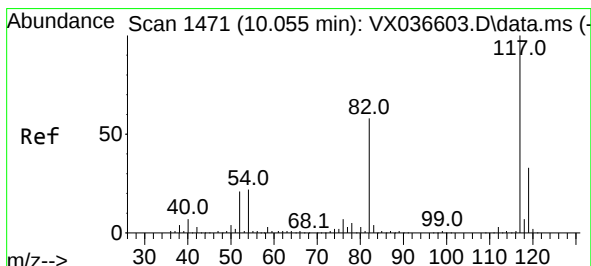
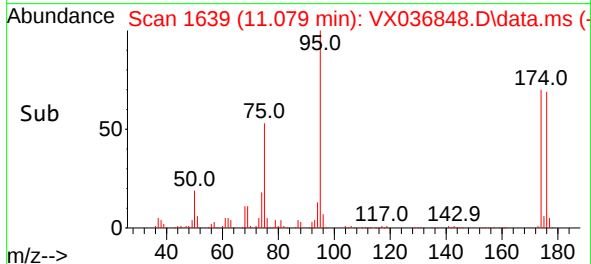
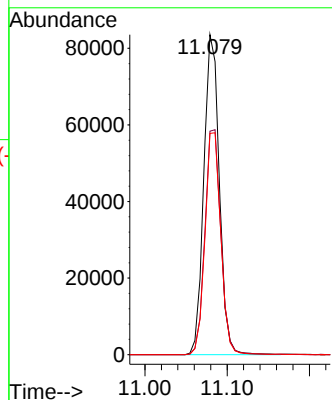
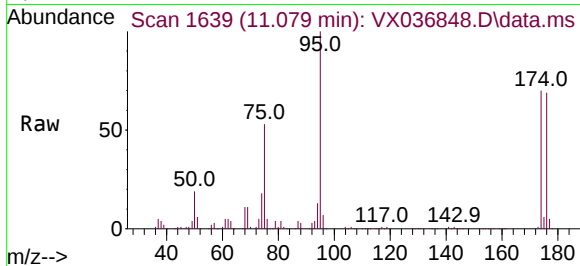




#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

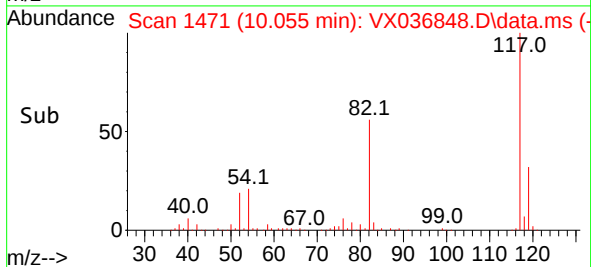
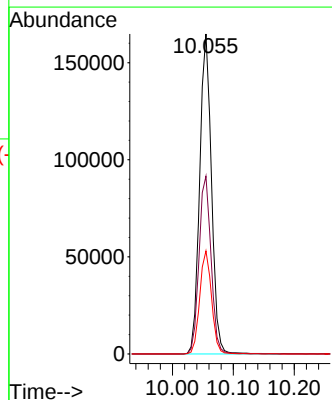
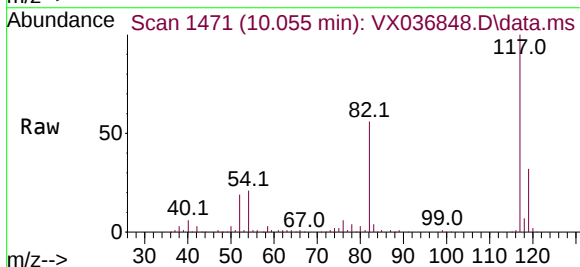
Instrument :
MSVOA_X
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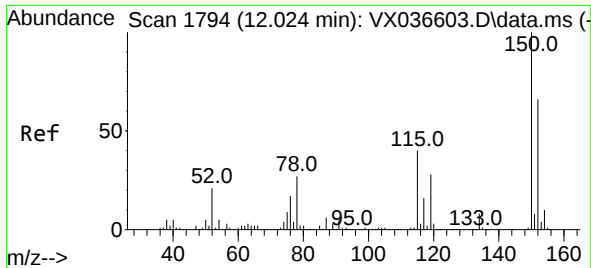
Tgt Ion: 95 Resp: 109465
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036848.D
Acq: 07 Aug 2023 19:41

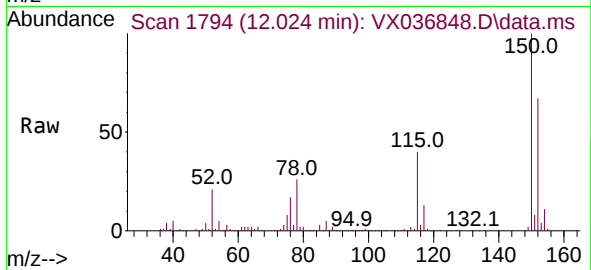
Tgt Ion: 117 Resp: 221730
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036848.D
 Acq: 07 Aug 2023 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 08922



Tgt Ion:152 Resp: 100323
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 155.9 0.0 345.0

