

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036911.D
 Acq On : 10 Aug 2023 14:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 11 01:46:23 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	122056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85554	47.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.740%
35) Dibromofluoromethane	5.385	113	61752	40.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.840%
50) Toluene-d8	8.647	98	266013	49.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	102367	50.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.160%

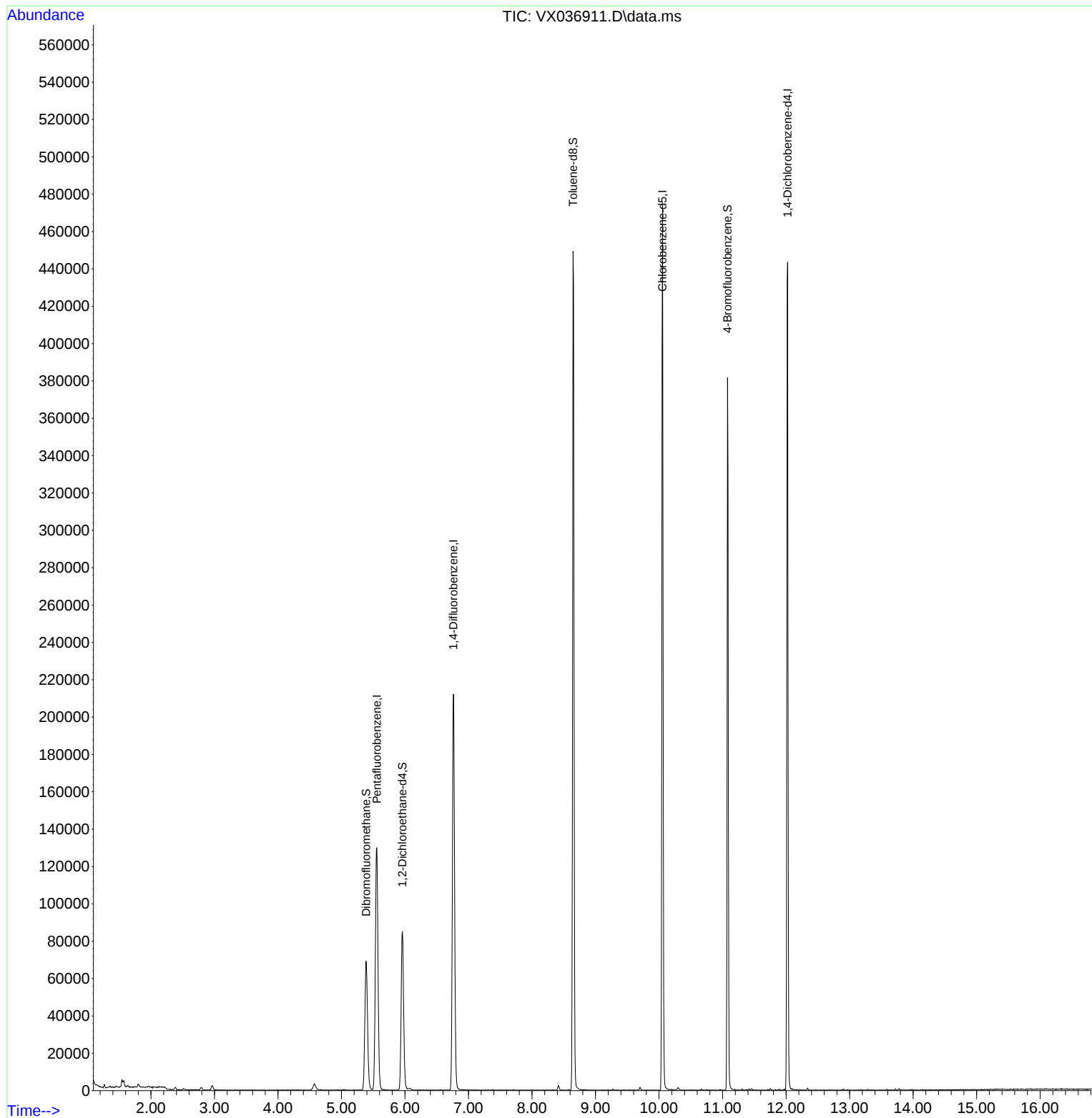
Target Compounds	Qvalue

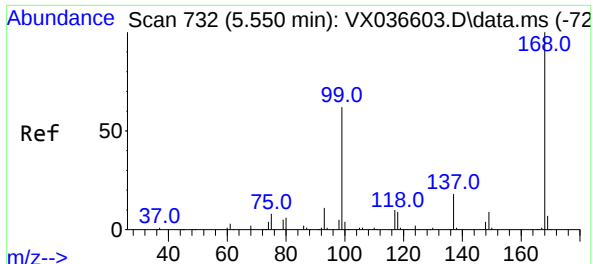
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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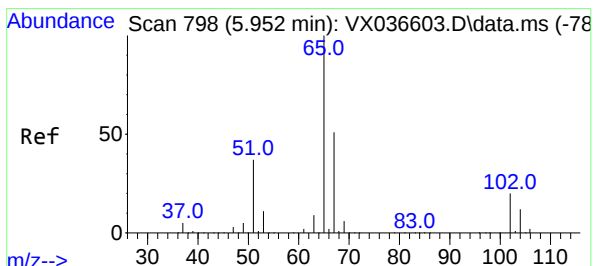
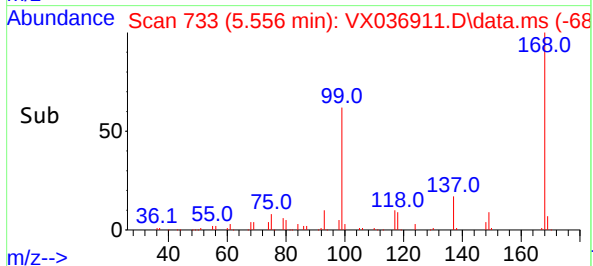
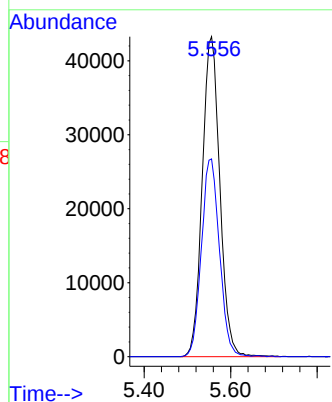
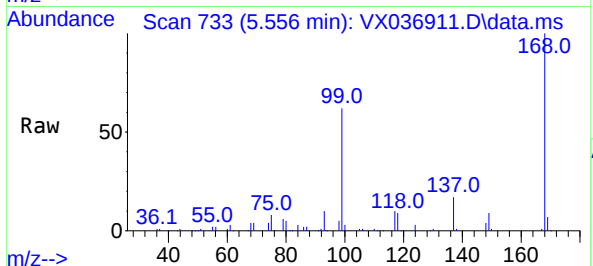




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX036911.D
Acq: 10 Aug 2023 14:31

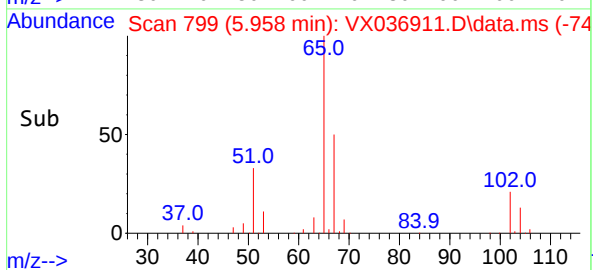
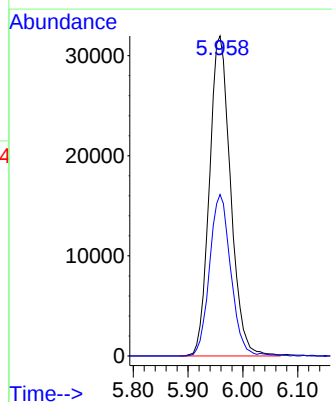
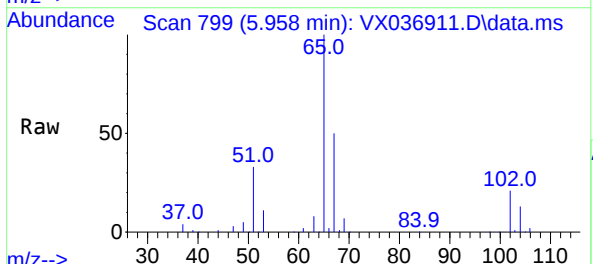
Instrument :
MSVOA_X
ClientSampleId :
IBLK

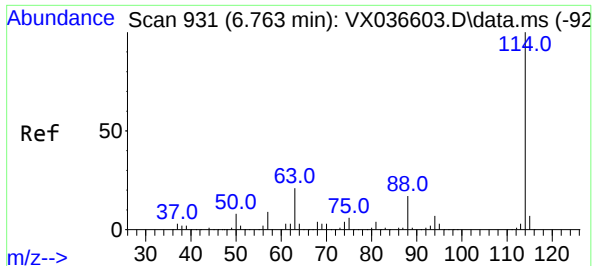
Tgt Ion:168 Resp: 122056
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.372 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036911.D
Acq: 10 Aug 2023 14:31

Tgt Ion: 65 Resp: 85554
Ion Ratio Lower Upper
65 100
67 50.2 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: VX036911.D

Acq: 10 Aug 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

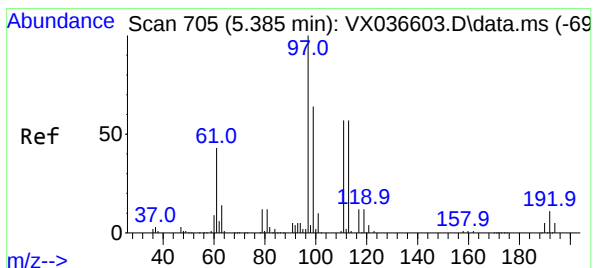
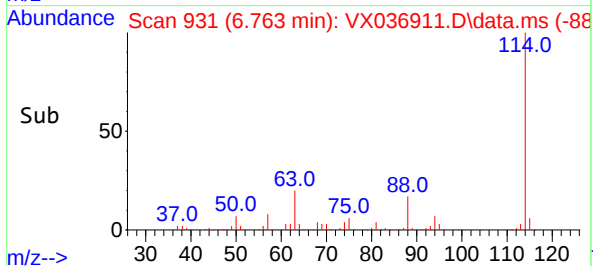
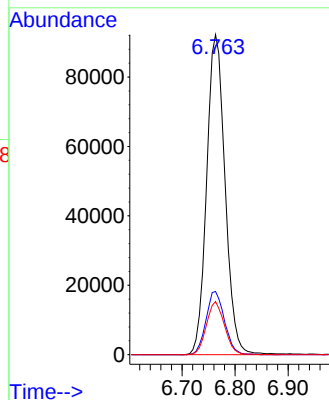
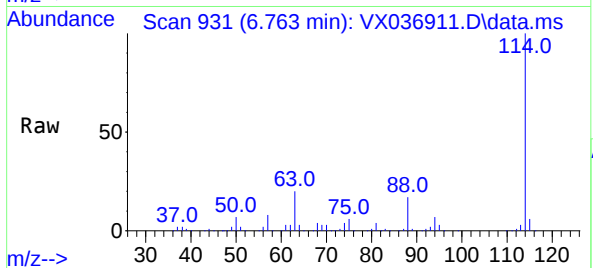
Tgt Ion:114 Resp: 222281

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.6 0.0 36.6



#35

Dibromofluoromethane

Concen: 40.418 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036911.D

Acq: 10 Aug 2023 14:31

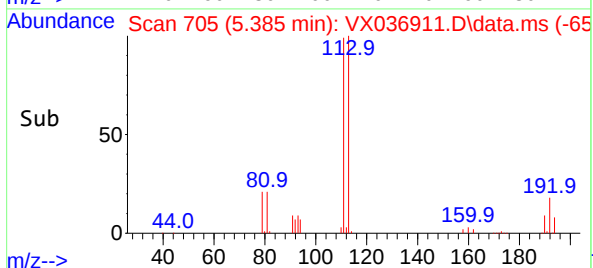
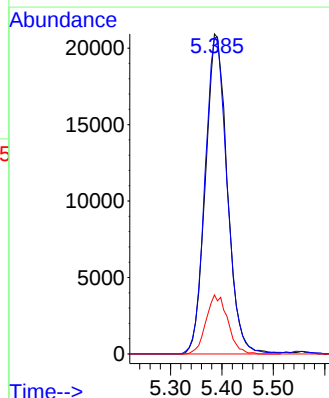
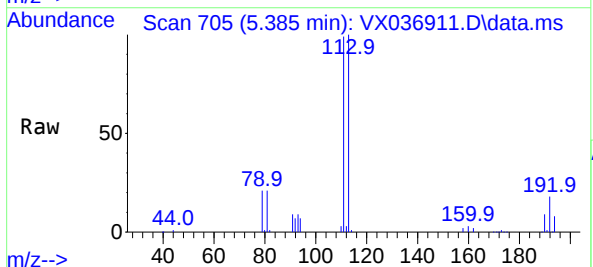
Tgt Ion:113 Resp: 61752

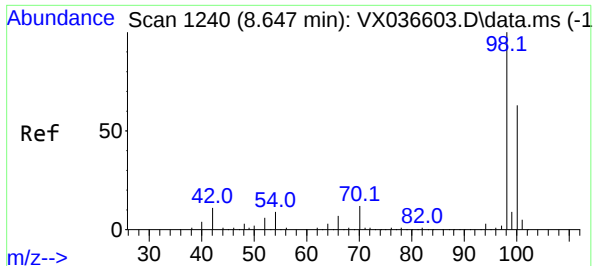
Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

192 18.2 13.3 19.9





#50

Toluene-d8

Concen: 49.098 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036911.D

Acq: 10 Aug 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

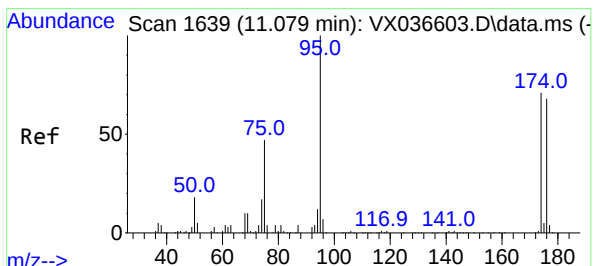
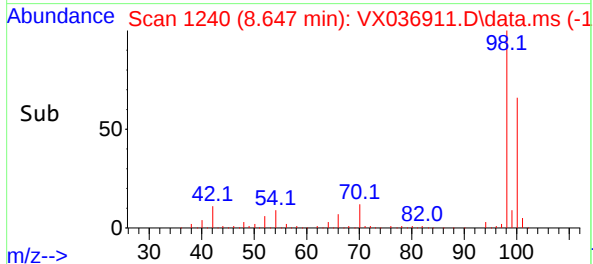
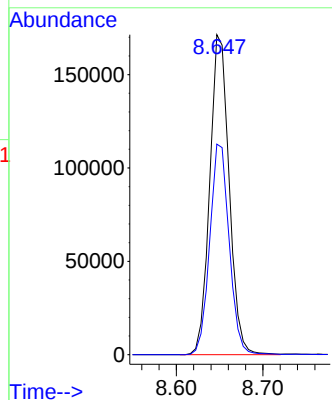
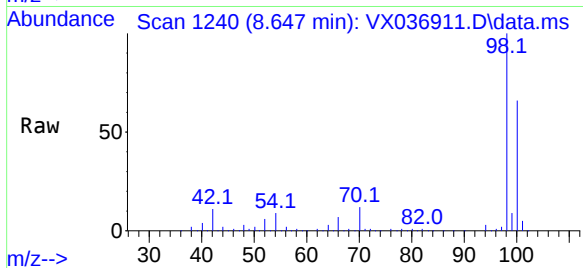
IBLK

Tgt Ion: 98 Resp: 266013

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036911.D

Acq: 10 Aug 2023 14:31

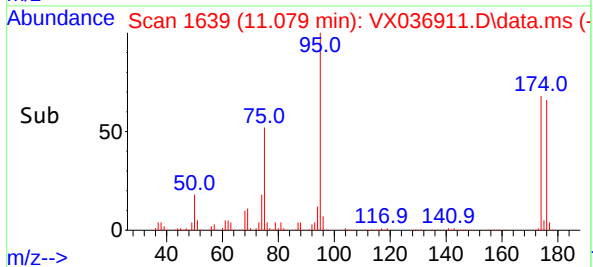
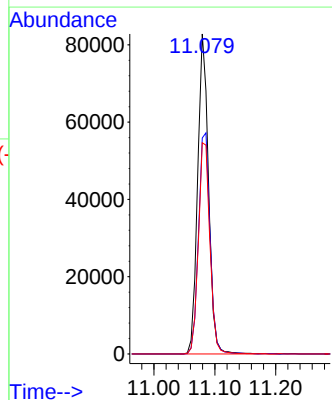
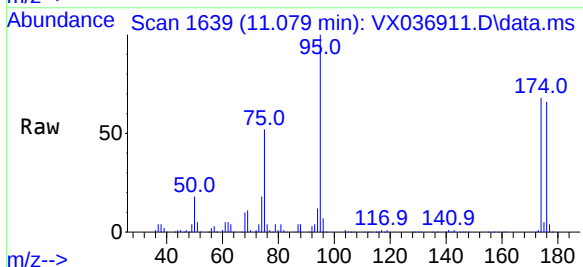
Tgt Ion: 95 Resp: 102367

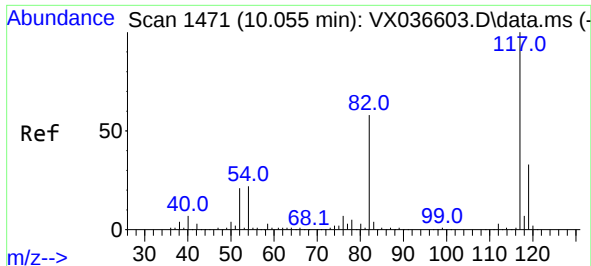
Ion Ratio Lower Upper

95 100

174 73.5 0.0 135.6

176 70.3 0.0 131.0

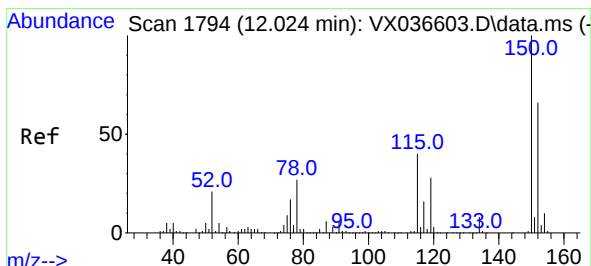
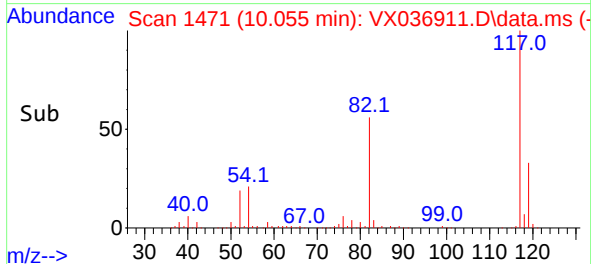
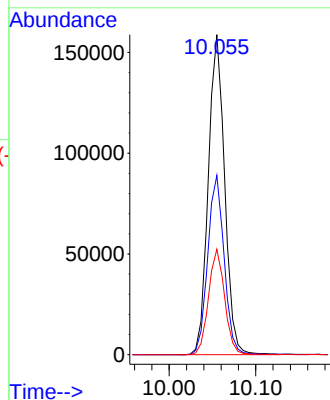
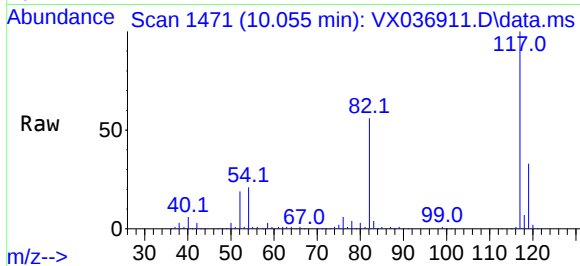




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036911.D
Acq: 10 Aug 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 208603
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 33.0 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: VX036911.D
Acq: 10 Aug 2023 14:31

Tgt Ion:152 Resp: 92257
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 156.1 0.0 345.0

