

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036656.D
 Acq On : 25 Jul 2023 16:26
 Operator : JC/MD
 Sample : 03750-07 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11S

Quant Time: Jul 26 06:27:02 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	5.555	168	156539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104999	45.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.391	113	88599	46.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.652	98	332380	48.853	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	122069	47.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%

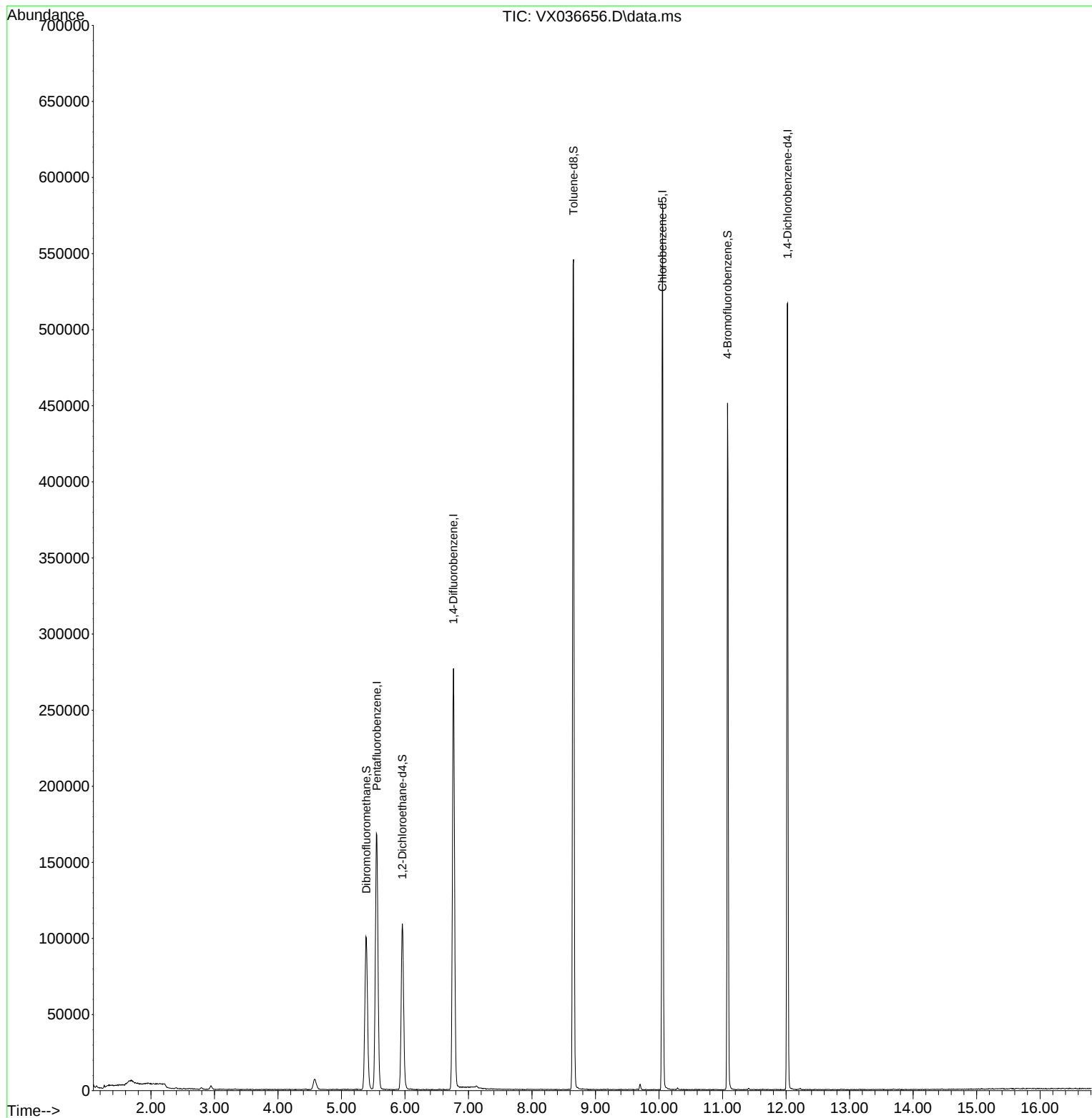
Target Compounds	Qvalue

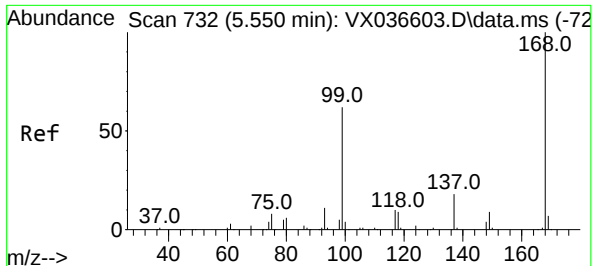
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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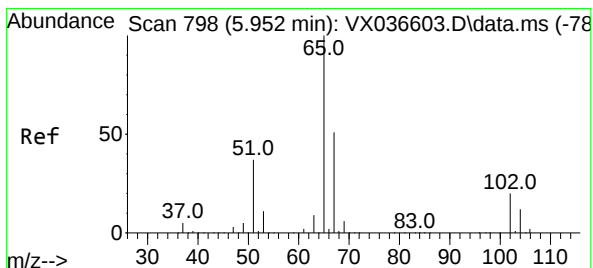
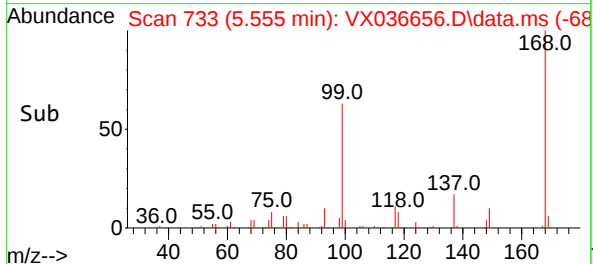
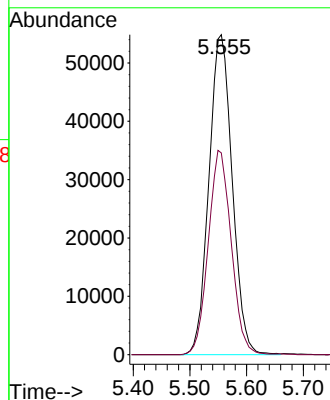
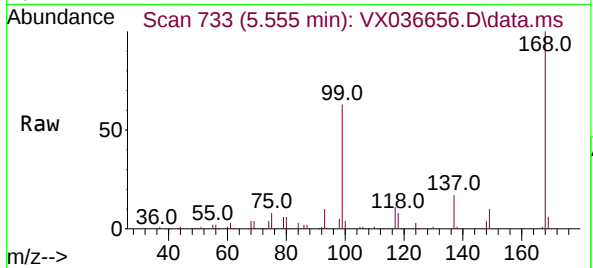




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 711
Delta R.T. 0.005 min
Lab File: VX036656.D
Acq: 25 Jul 2023 16:26

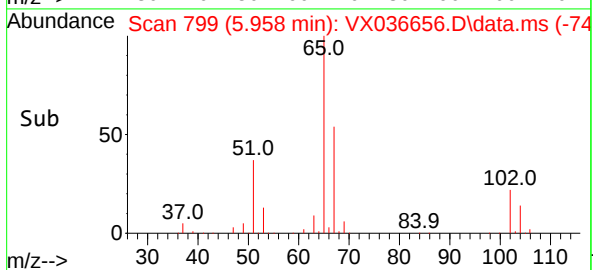
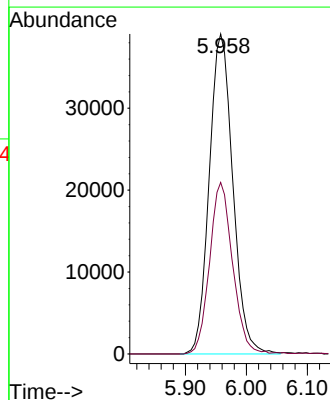
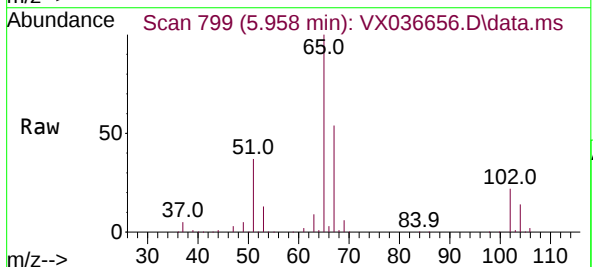
Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

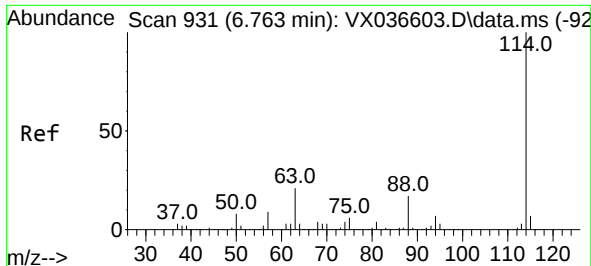
Tgt Ion:168 Resp: 156539
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.332 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036656.D
Acq: 25 Jul 2023 16:26

Tgt Ion: 65 Resp: 104999
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

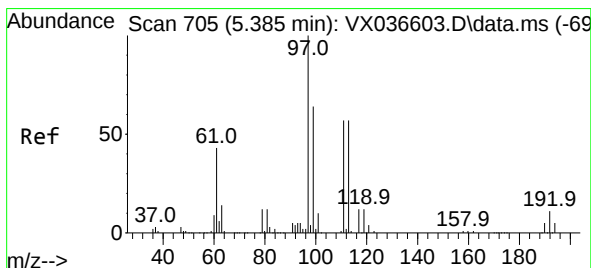
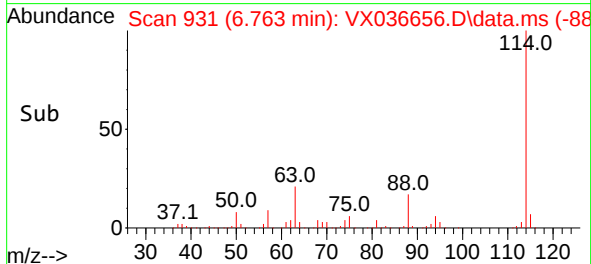
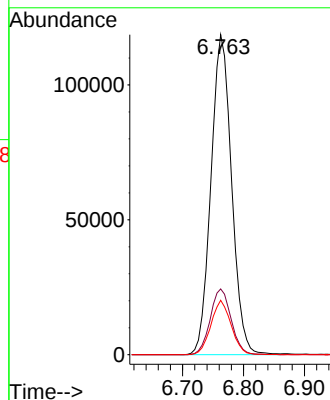
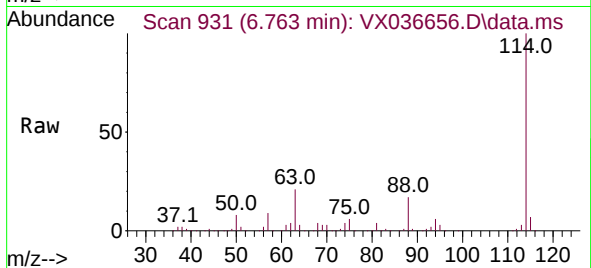




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036656.D
Acq: 25 Jul 2023 16:26

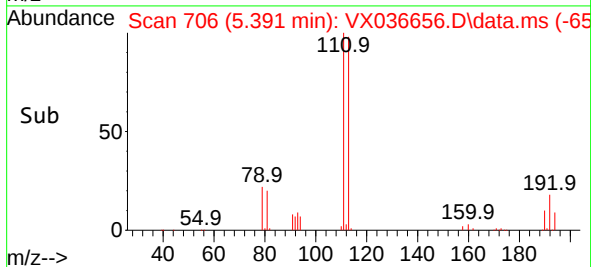
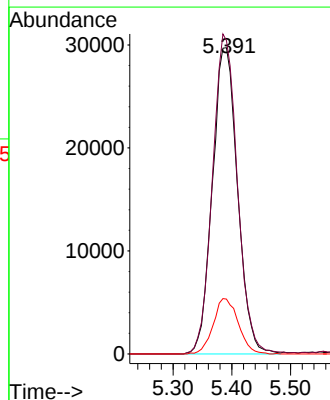
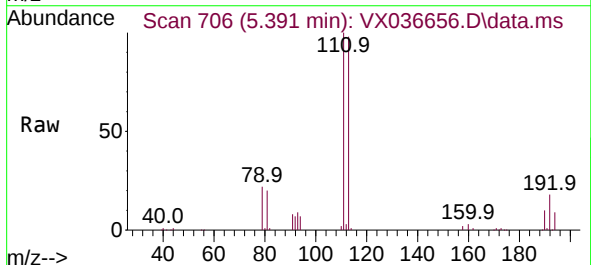
Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

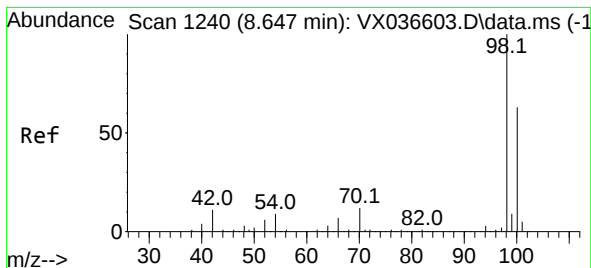
Tgt Ion:114 Resp: 279125
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.180 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036656.D
Acq: 25 Jul 2023 16:26

Tgt Ion:113 Resp: 88599
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.0 13.3 19.9





#50

Toluene-d8

Concen: 48.853 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX036656.D

Acq: 25 Jul 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

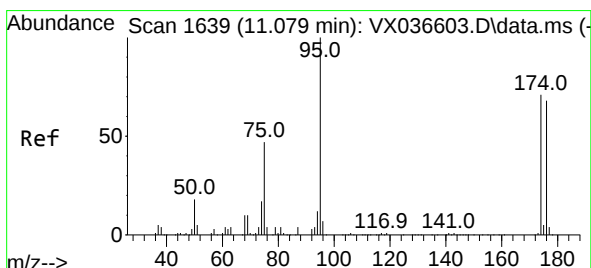
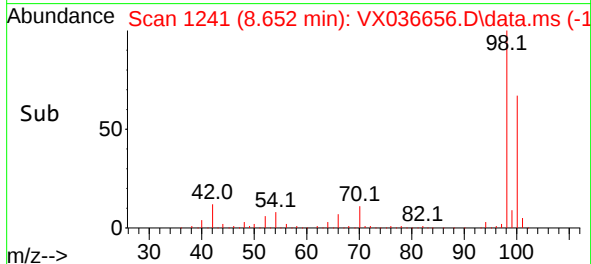
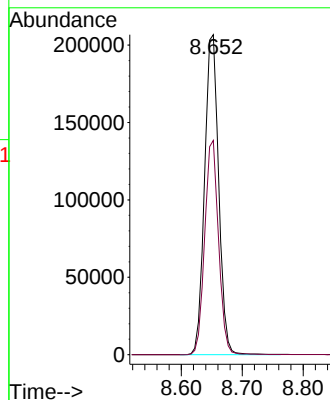
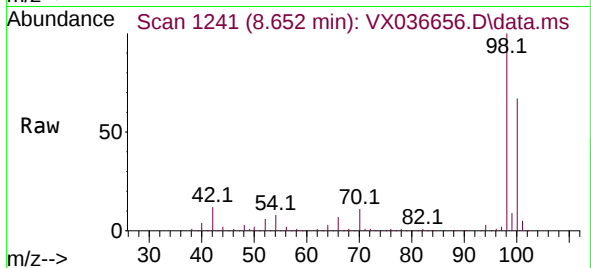
LEA-11S

Tgt Ion: 98 Resp: 332380

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.555 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036656.D

Acq: 25 Jul 2023 16:26

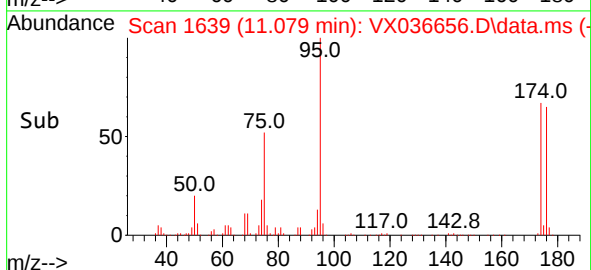
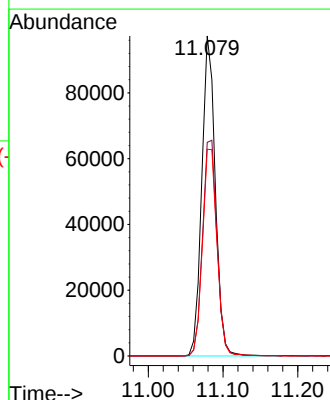
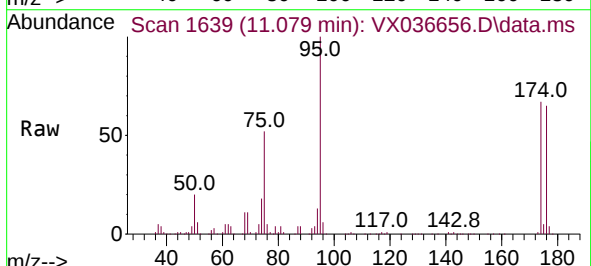
Tgt Ion: 95 Resp: 122069

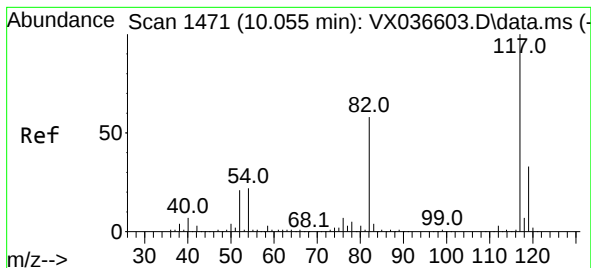
Ion Ratio Lower Upper

95 100

174 72.4 0.0 135.6

176 69.4 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: VX036656.D

Acq: 25 Jul 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

LEA-11S

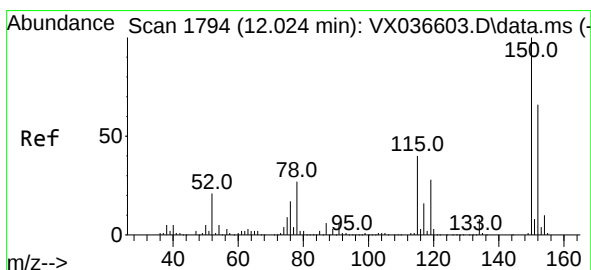
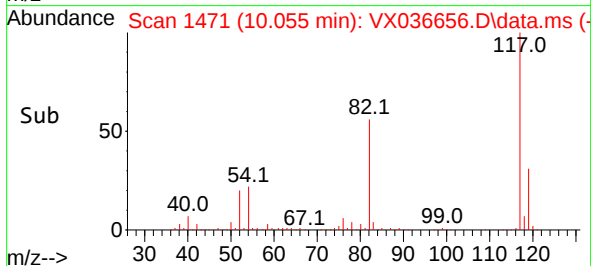
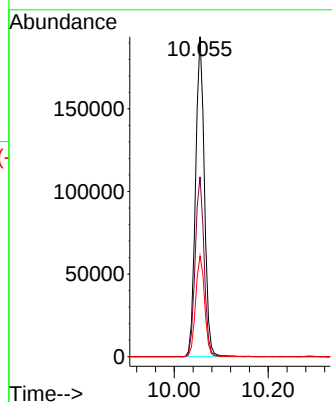
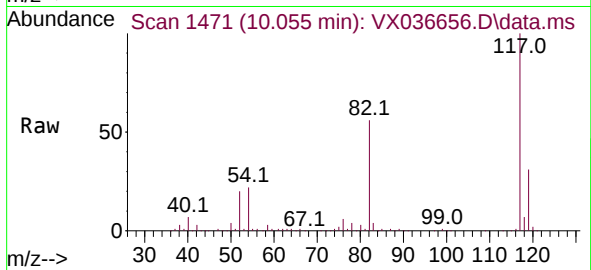
Tgt Ion:117 Resp: 253698

Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

119 31.5 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: VX036656.D

Acq: 25 Jul 2023 16:26

Tgt Ion:152 Resp: 108292

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 158.2 0.0 345.0

