

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036186.D
 Acq On : 16 Jun 2023 17:05
 Operator : JC/MD
 Sample : VX0616WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

Quant Time: Jun 19 01:42:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159720	55.457	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.920%
35) Dibromofluoromethane	5.379	113	103798	51.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	8.647	98	358637	48.978	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.079	95	146913	49.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%

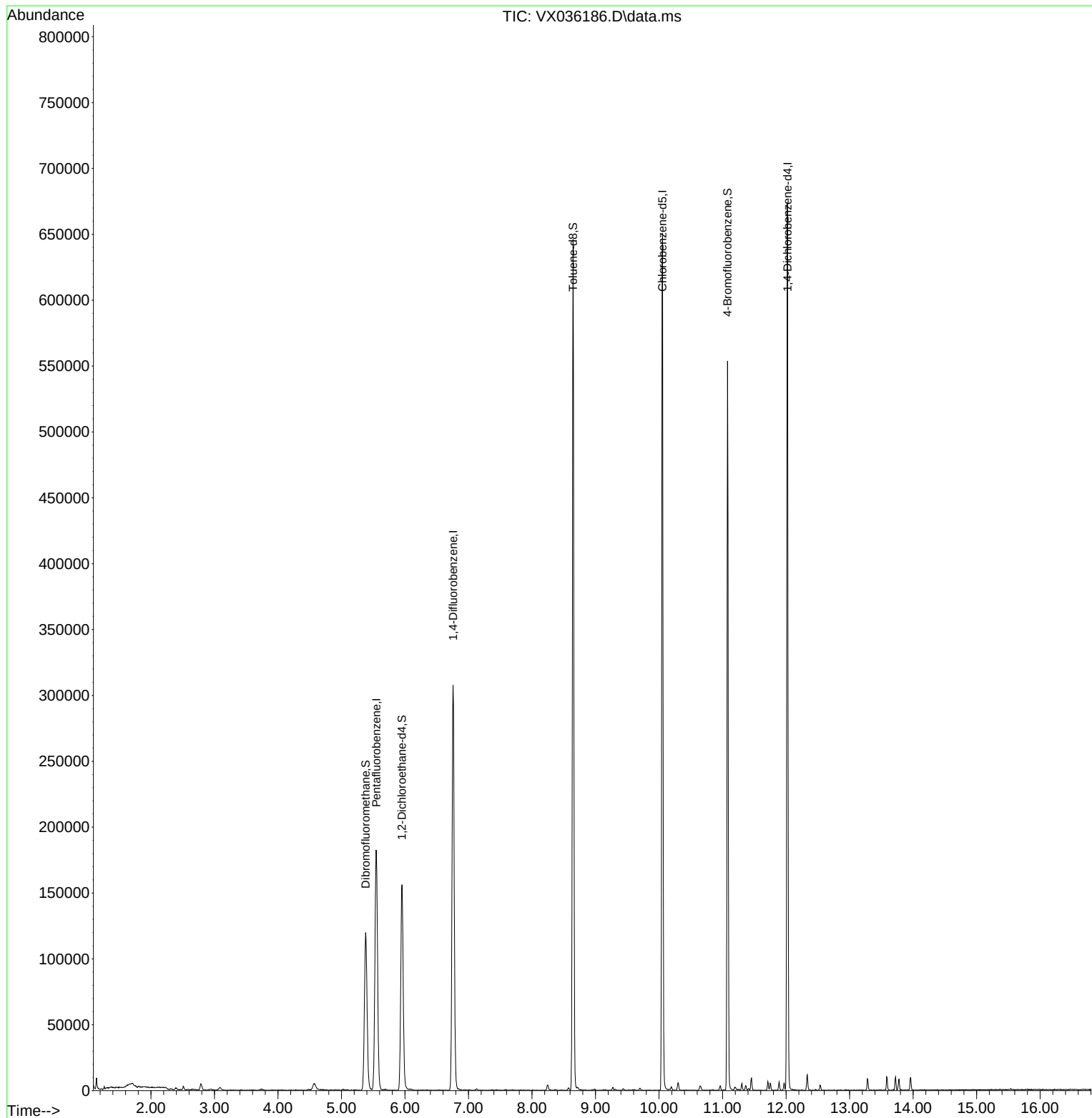
Target Compounds	Qvalue

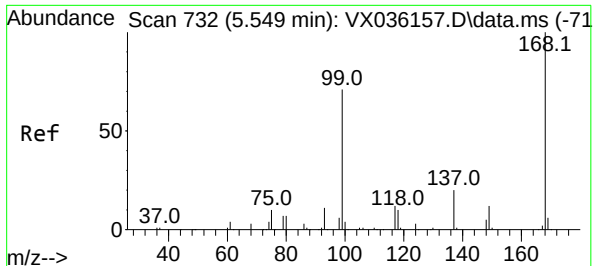
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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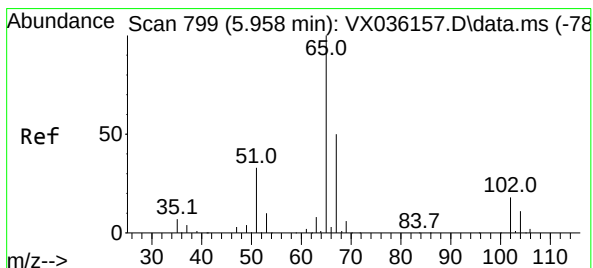
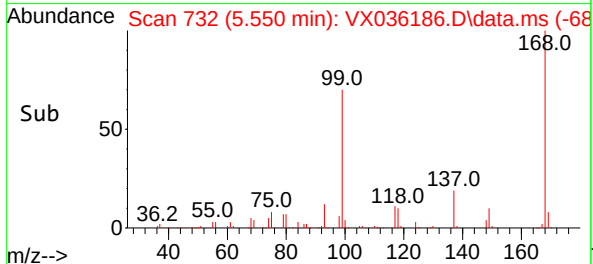
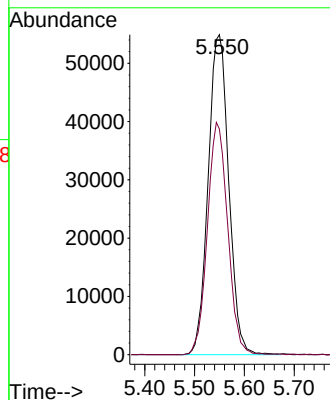
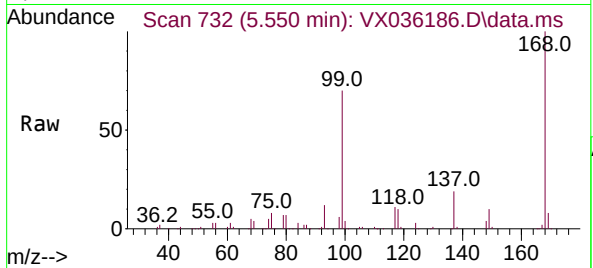




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

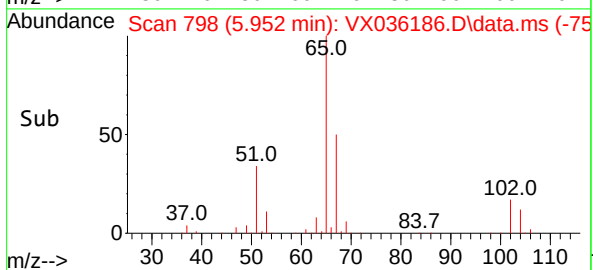
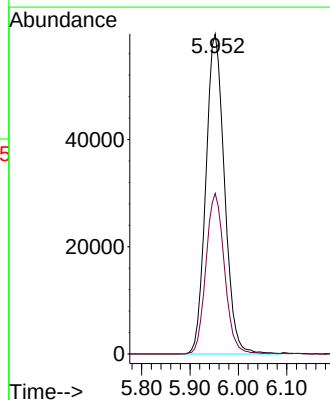
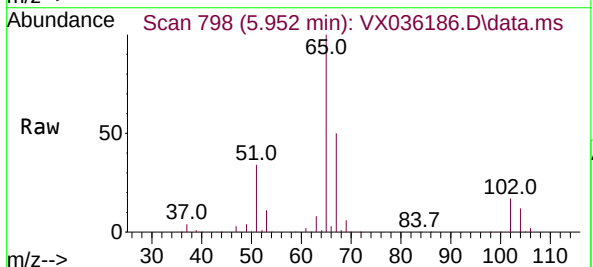
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

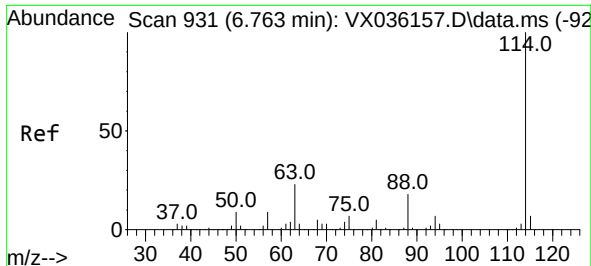
Tgt Ion:168 Resp: 157600
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 55.457 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

Tgt Ion: 65 Resp: 159720
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2

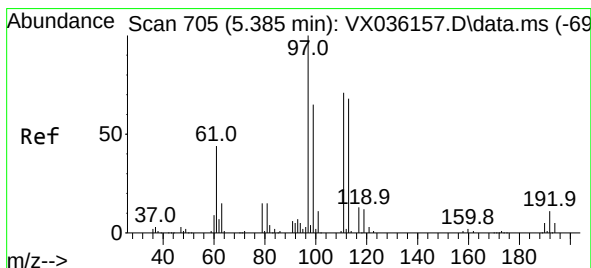
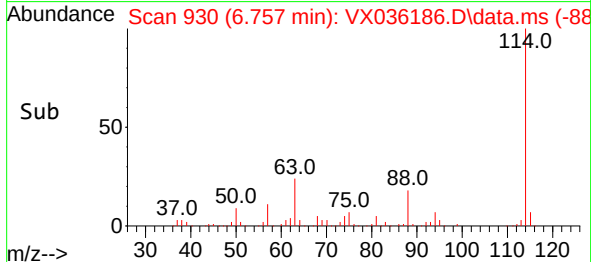
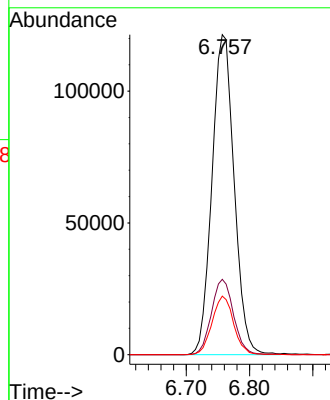
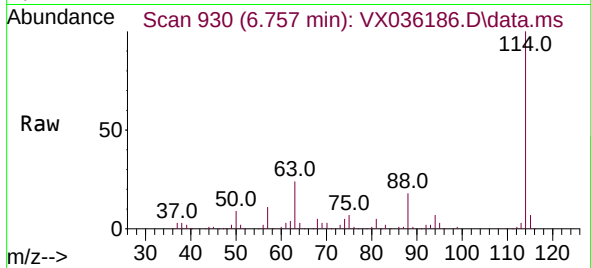




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

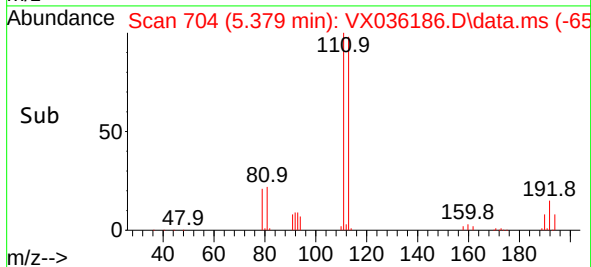
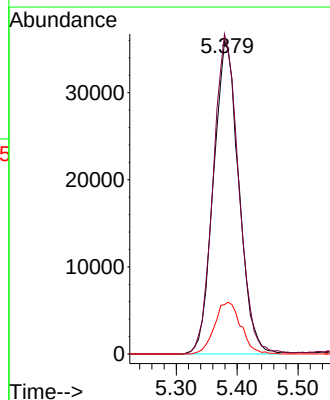
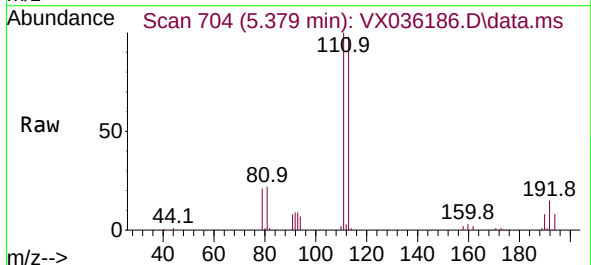
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

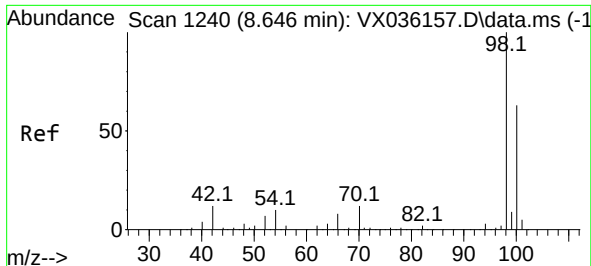
Tgt Ion:114 Resp: 295198
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 18.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

Tgt Ion:113 Resp: 103798
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.2 13.3 19.9

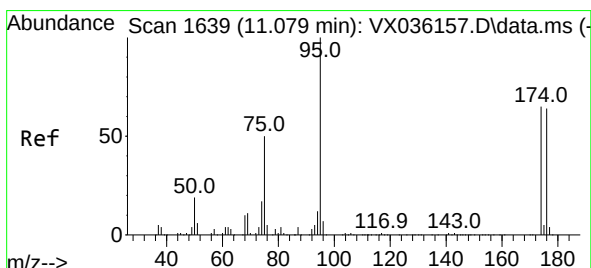
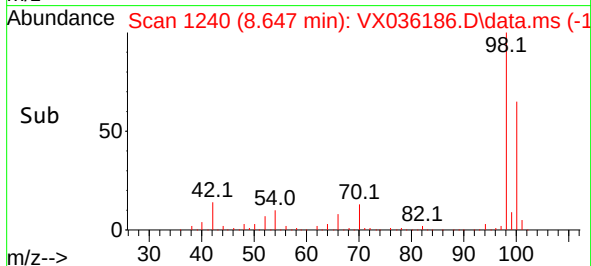
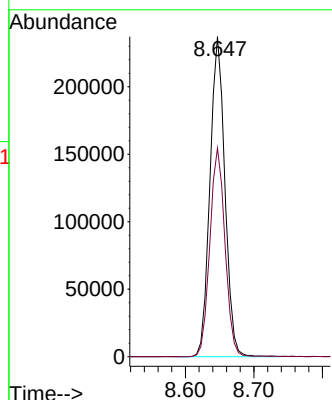
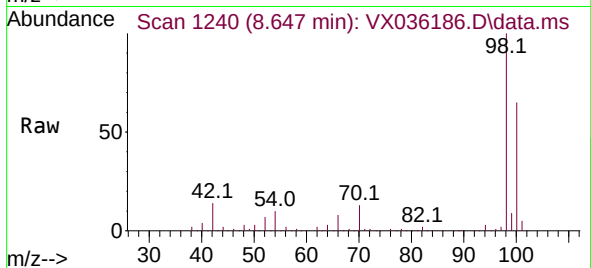




#50
Toluene-d8
Concen: 48.978 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

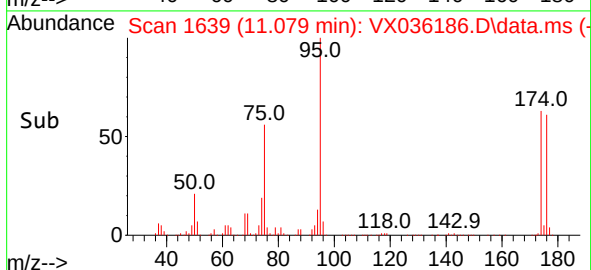
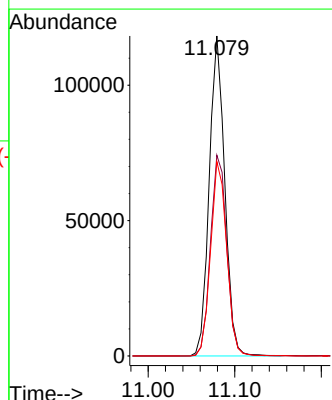
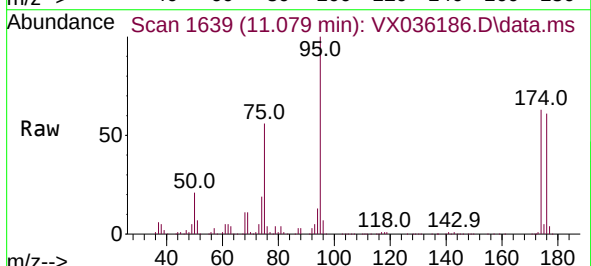
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

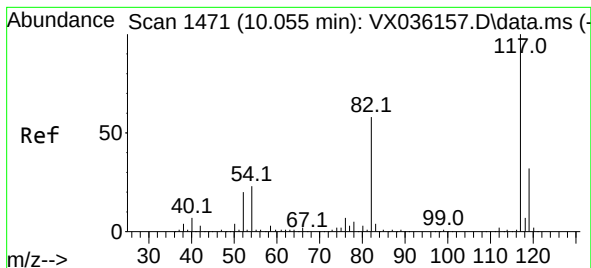
Tgt Ion: 98 Resp: 358637
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036186.D
Acq: 16 Jun 2023 17:05

Tgt Ion: 95 Resp: 146913
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 62.9 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: VX036186.D

Acq: 16 Jun 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

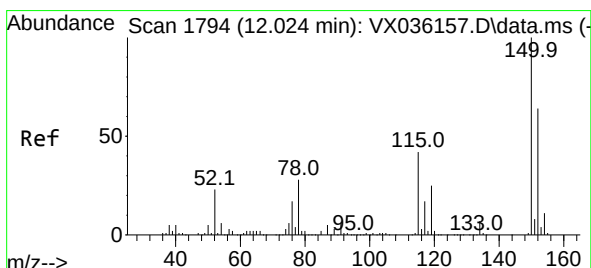
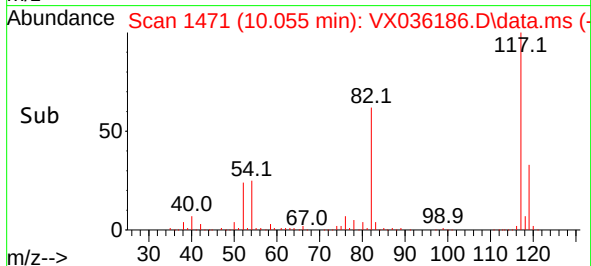
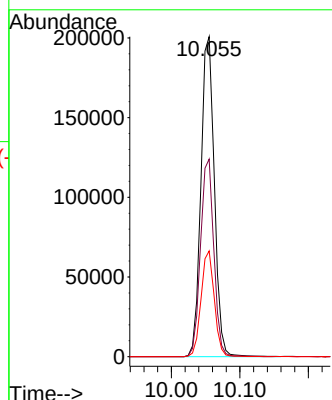
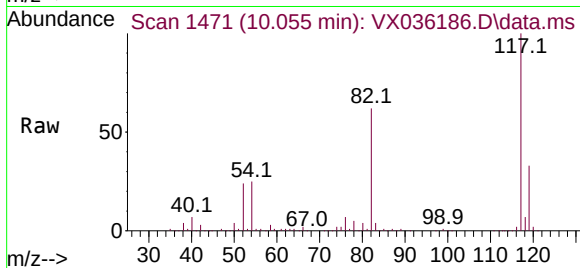
Tgt Ion:117 Resp: 274280

Ion Ratio Lower Upper

117 100

82 61.7 46.2 69.4

119 33.1 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: VX036186.D

Acq: 16 Jun 2023 17:05

Tgt Ion:152 Resp: 129510

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 156.1 0.0 345.0

