

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032234.D
 Acq On : 20 Oct 2022 02:14
 Operator : JC/MD
 Sample : N5176-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5236-1

Quant Time: Oct 20 05:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98422	55.042	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.080%
35) Dibromofluoromethane	5.385	113	75392	48.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	271770	48.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.079	95	98080	47.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.220%

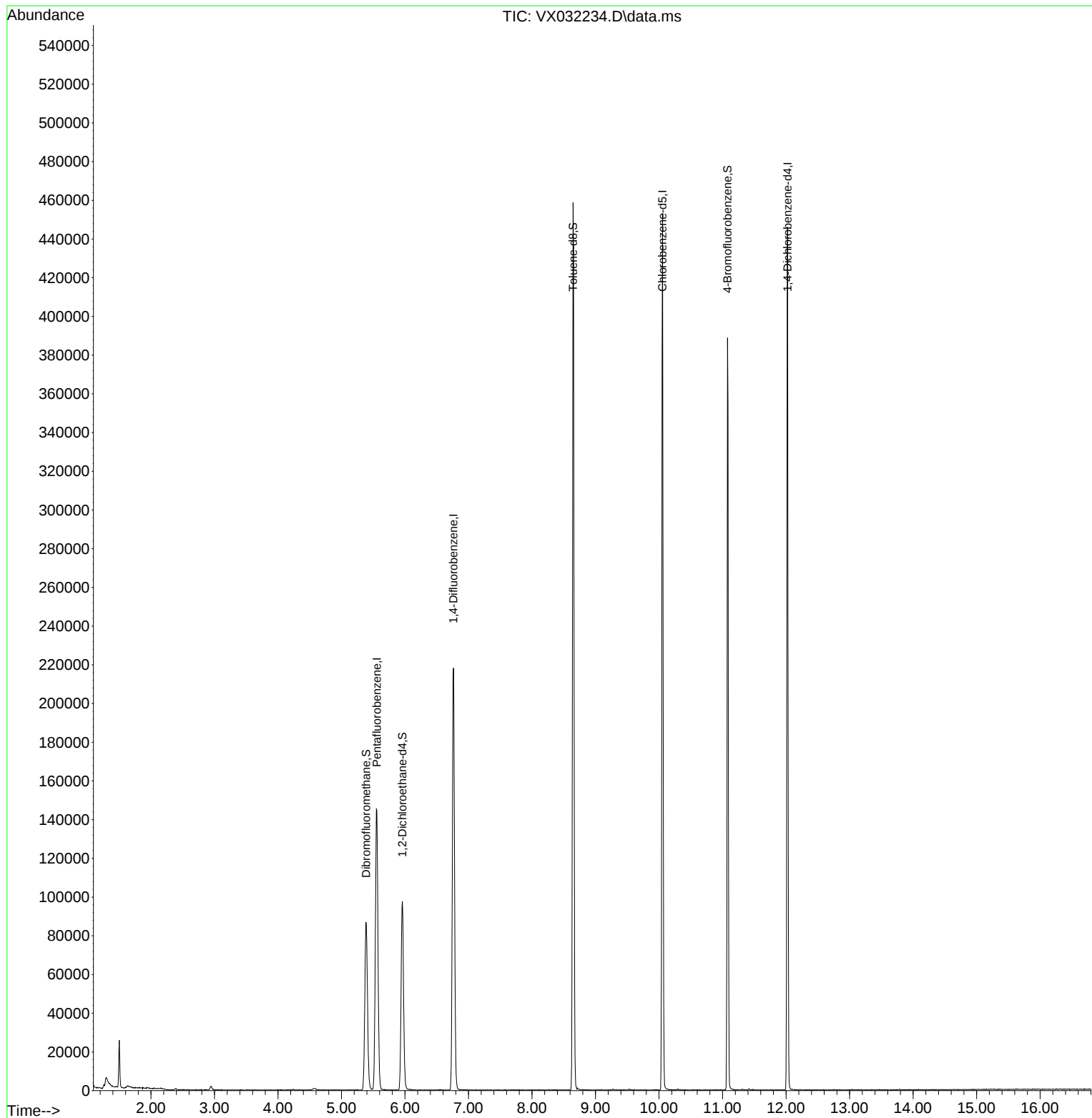
Target Compounds	Qvalue

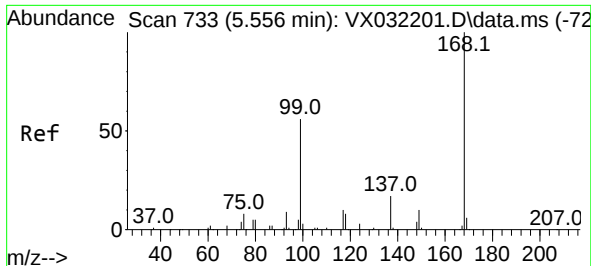
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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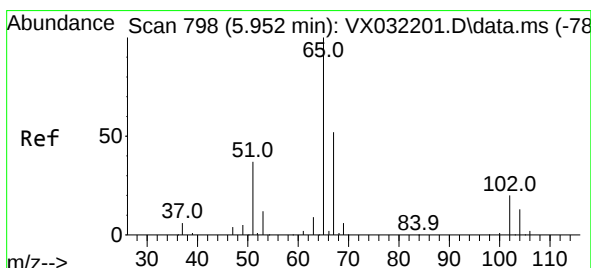
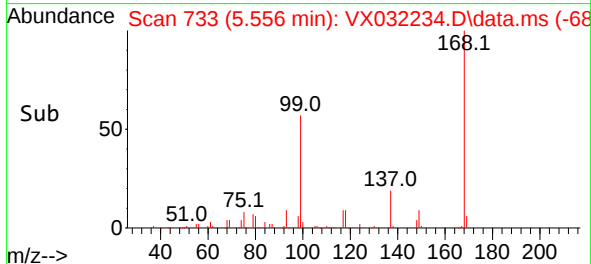
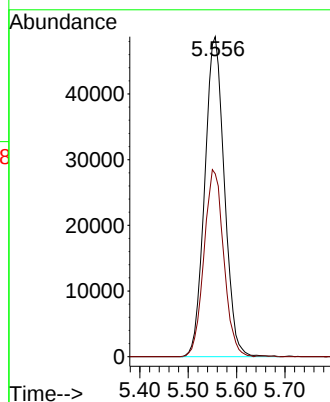
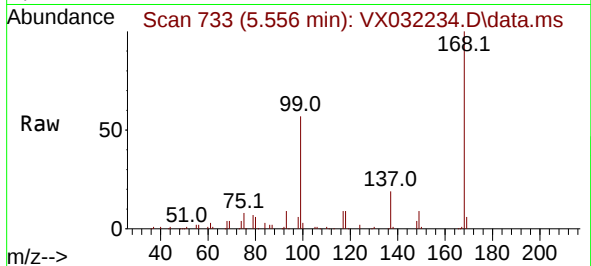




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX032234.D
Acq: 20 Oct 2022 02:14

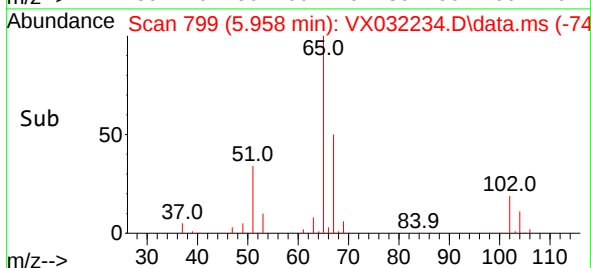
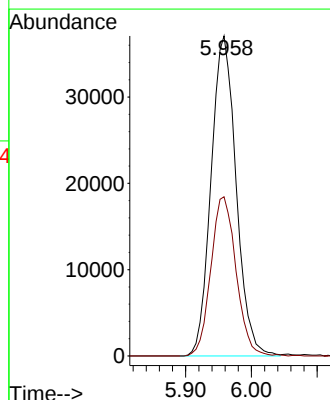
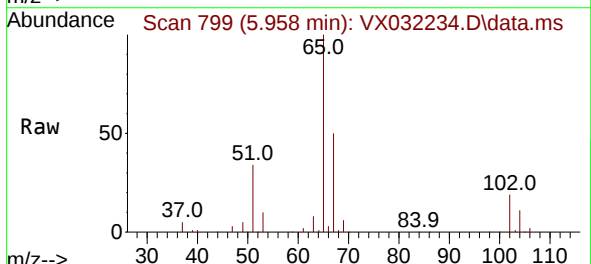
Instrument :
MSVOA_X
ClientSampleId :
5236-1

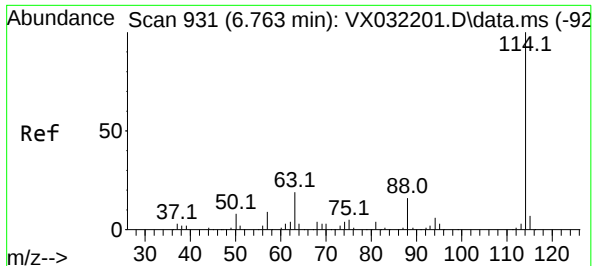
Tgt Ion:168 Resp: 137452
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 55.042 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032234.D
Acq: 20 Oct 2022 02:14

Tgt Ion: 65 Resp: 98422
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.6

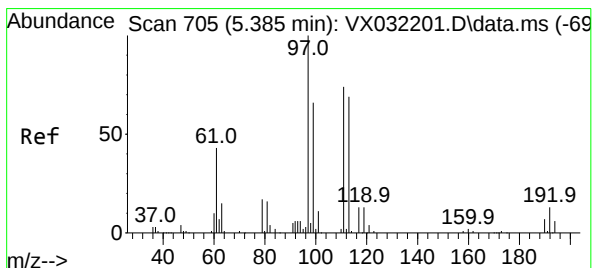
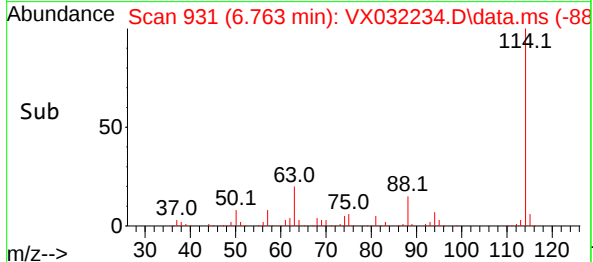
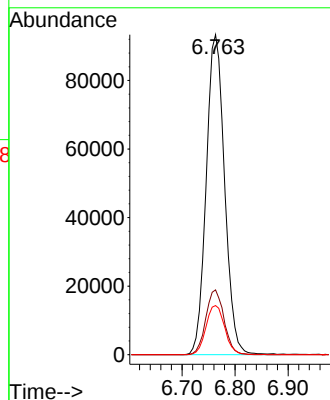
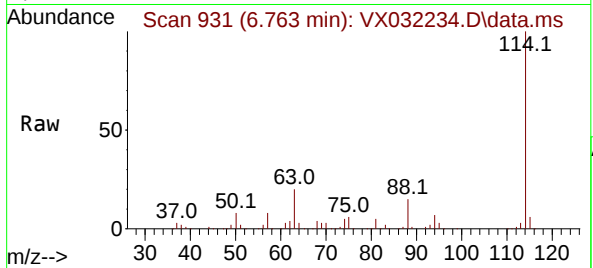




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032234.D
Acq: 20 Oct 2022 02:14

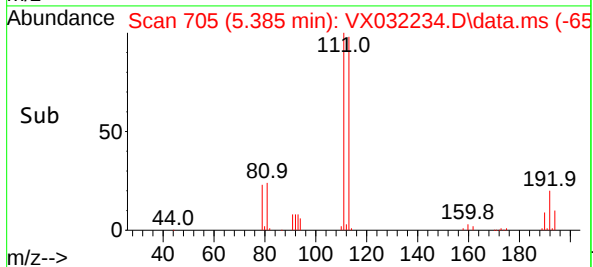
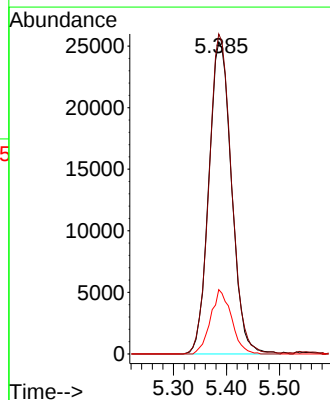
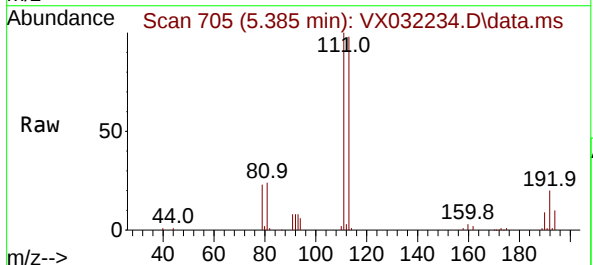
Instrument :
MSVOA_X
ClientSampleId :
5236-1

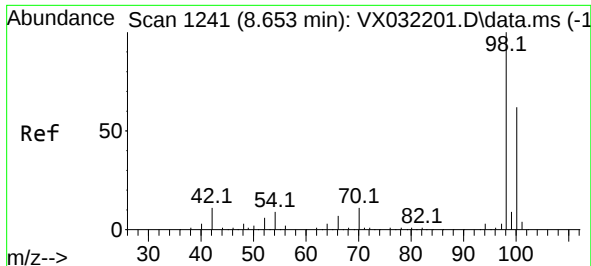
Tgt Ion:114 Resp: 224605
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.237 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032234.D
Acq: 20 Oct 2022 02:14

Tgt Ion:113 Resp: 75392
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 18.9 15.5 23.3





#50

Toluene-d8

Concen: 48.305 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032234.D

Acq: 20 Oct 2022 02:14

Instrument :

MSVOA_X

ClientSampleId :

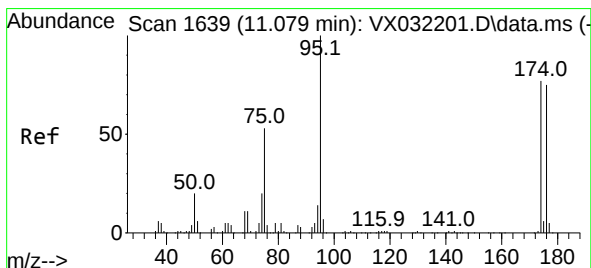
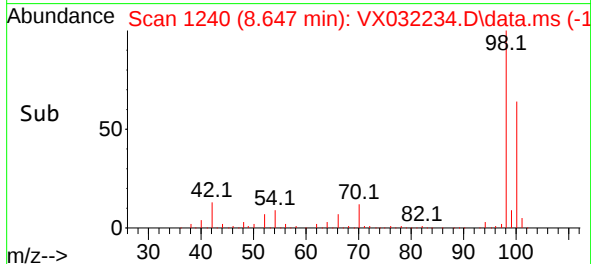
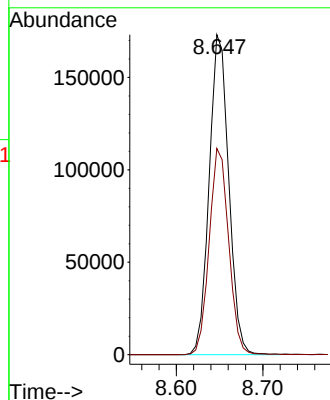
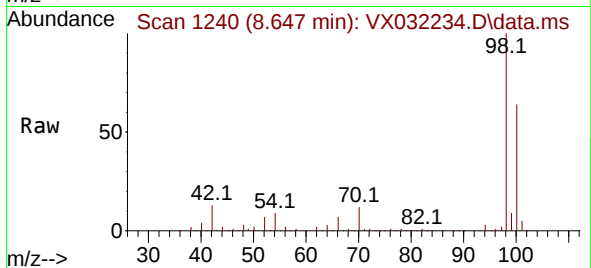
5236-1

Tgt Ion: 98 Resp: 271770

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 47.607 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032234.D

Acq: 20 Oct 2022 02:14

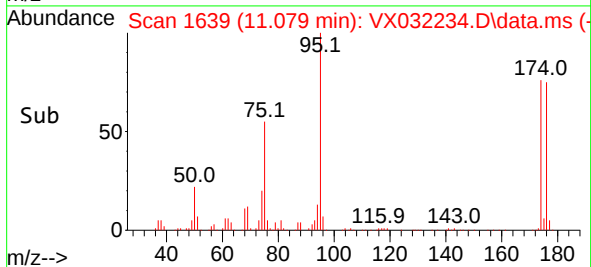
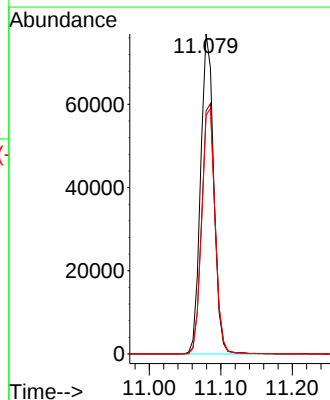
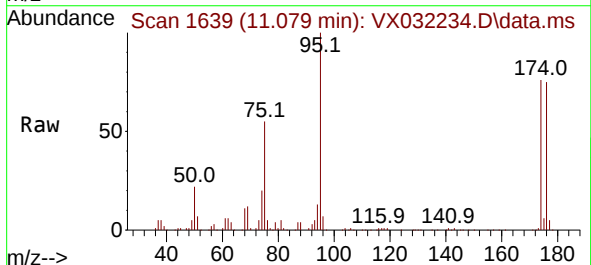
Tgt Ion: 95 Resp: 98080

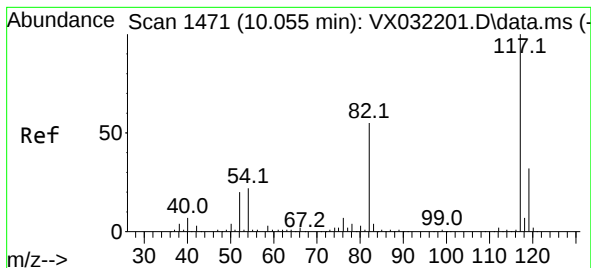
Ion Ratio Lower Upper

95 100

174 79.8 0.0 166.8

176 78.4 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032234.D

Acq: 20 Oct 2022 02:14

Instrument :

MSVOA_X

ClientSampleId :

5236-1

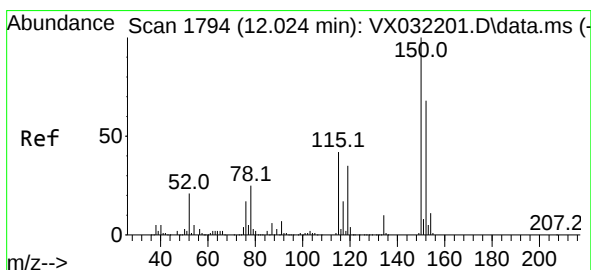
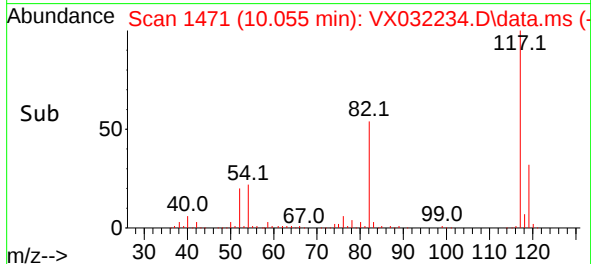
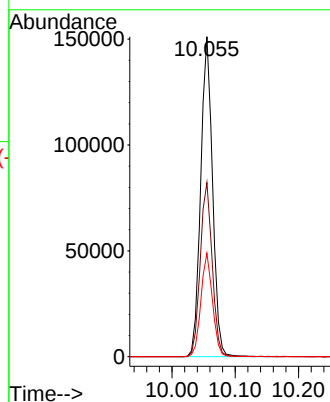
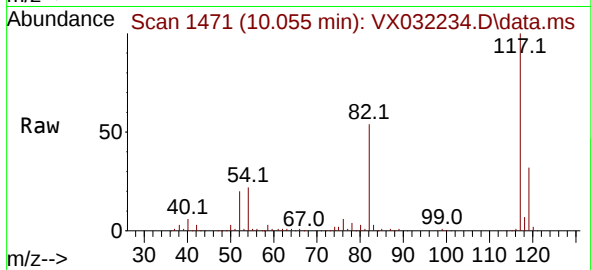
Tgt Ion:117 Resp: 197253

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.4

119 32.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032234.D

Acq: 20 Oct 2022 02:14

Tgt Ion:152 Resp: 90174

Ion Ratio Lower Upper

152 100

115 61.3 43.1 129.4

150 157.2 0.0 348.6

