

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035932.D
 Acq On : 31 May 2023 13:34
 Operator : JC/MD
 Sample : VX0531WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBL01

Quant Time: May 31 17:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	246408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163592	40.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.760%
35) Dibromofluoromethane	5.385	113	121621	44.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.060%
50) Toluene-d8	8.646	98	469122	47.859	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	183086	47.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%

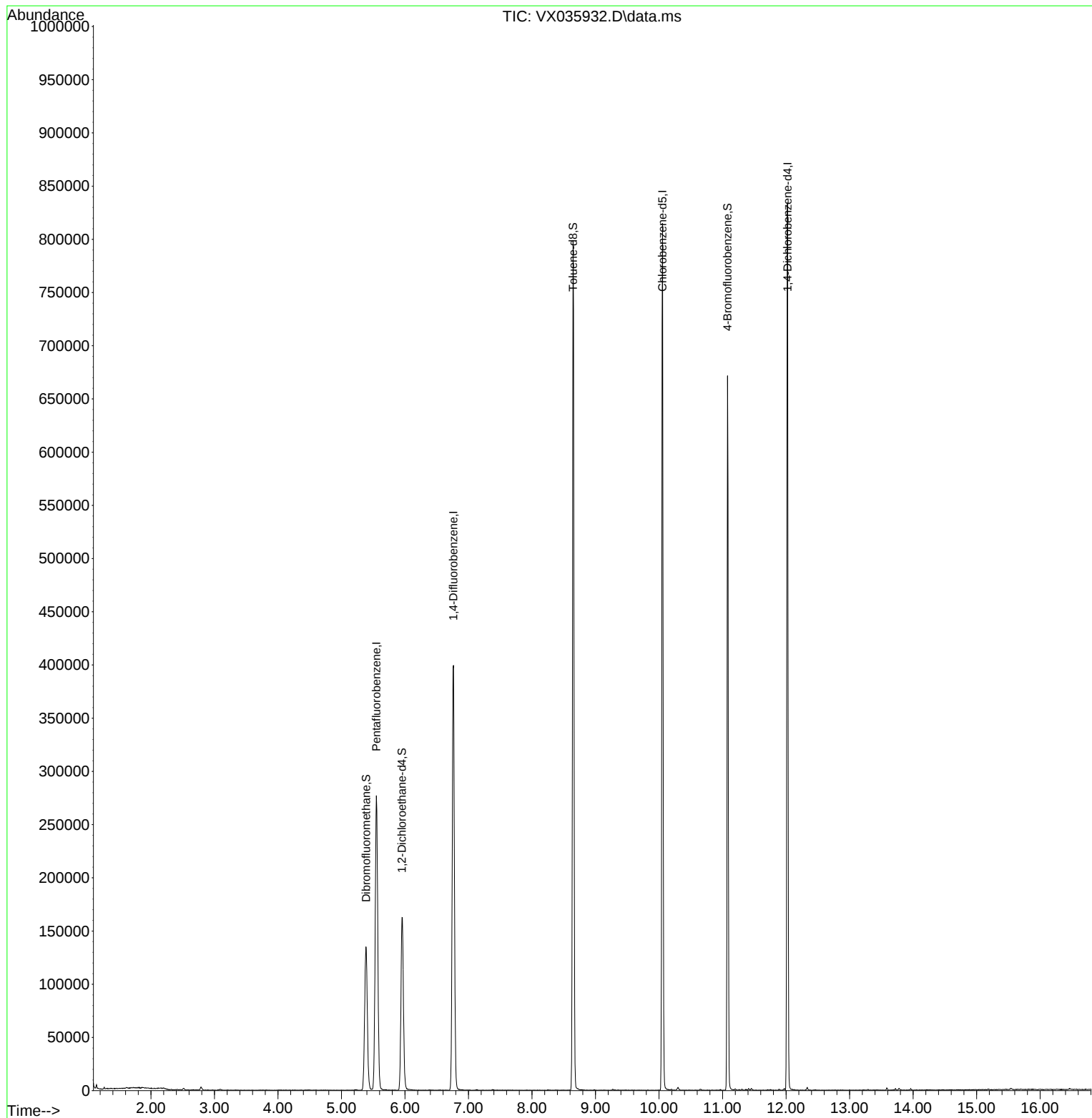
Target Compounds	Qvalue

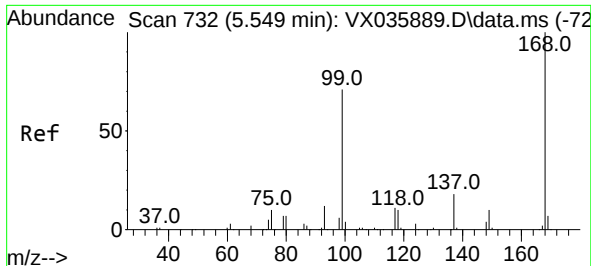
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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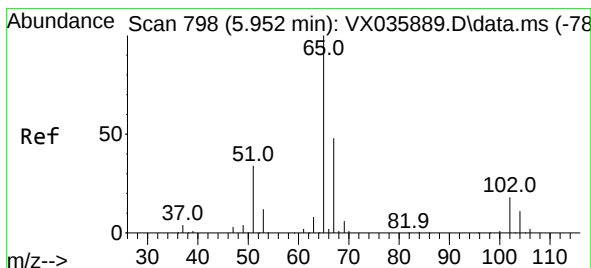
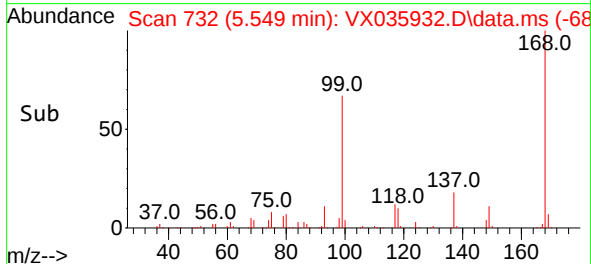
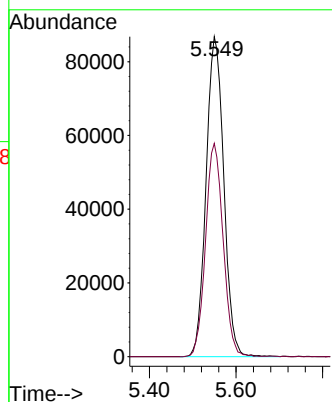
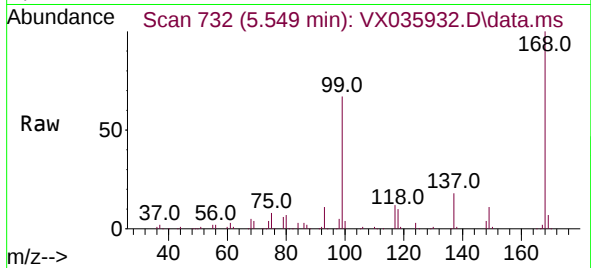




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

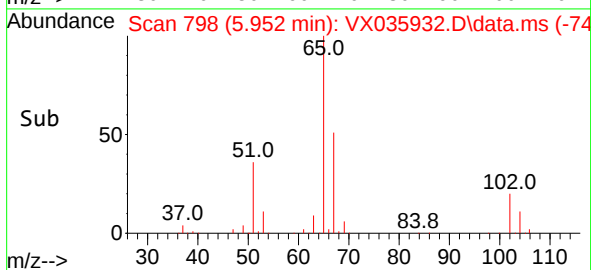
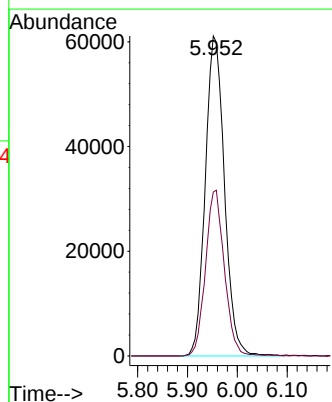
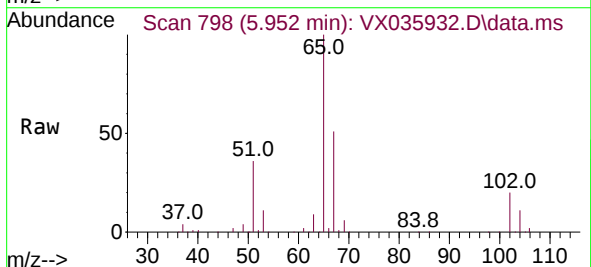
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

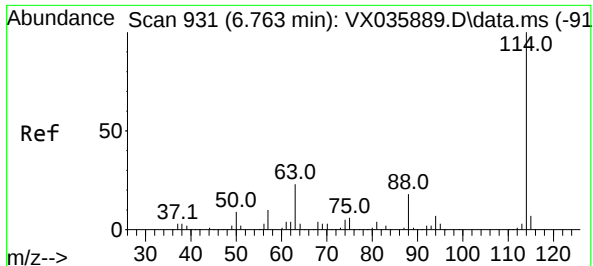
Tgt Ion:168 Resp: 246408
Ion Ratio Lower Upper
168 100
99 66.6 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 40.885 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 65 Resp: 163592
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.6

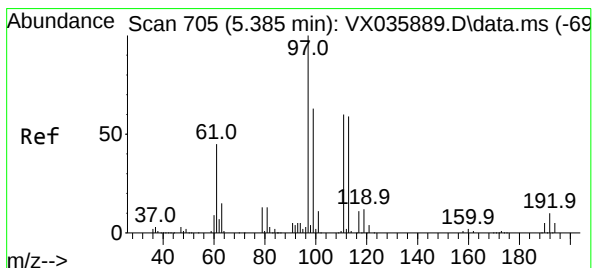
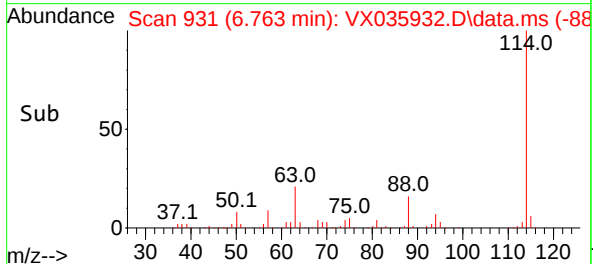
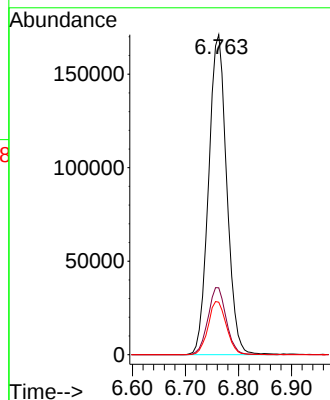
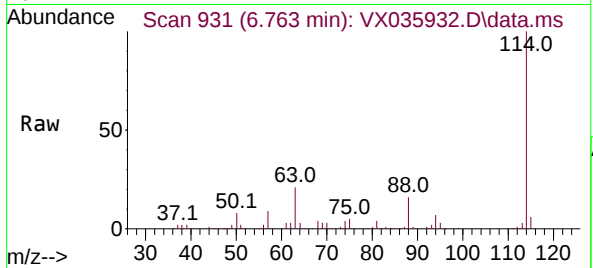




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

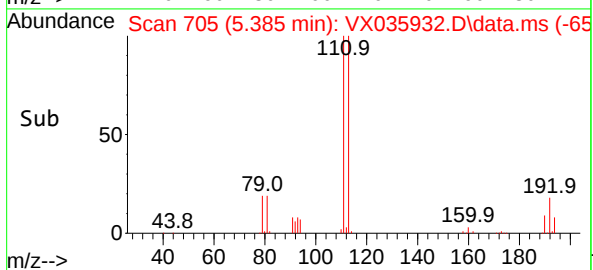
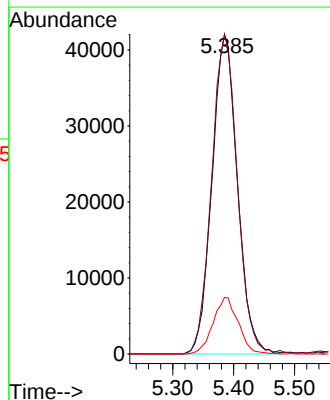
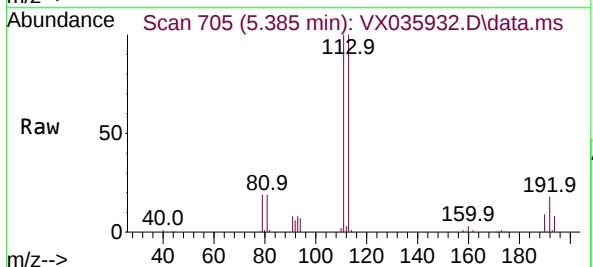
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

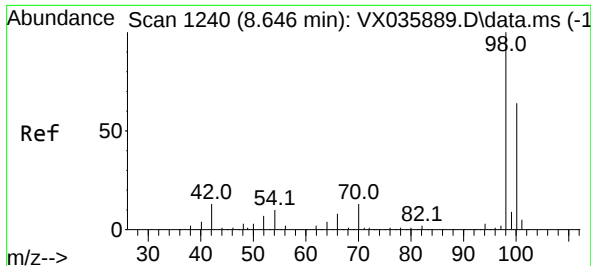
Tgt Ion:114 Resp: 406070
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.0
88 16.4 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.530 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion:113 Resp: 121621
Ion Ratio Lower Upper
113 100
111 101.6 81.7 122.5
192 17.5 13.5 20.3

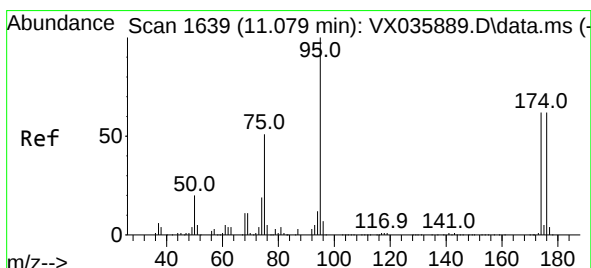
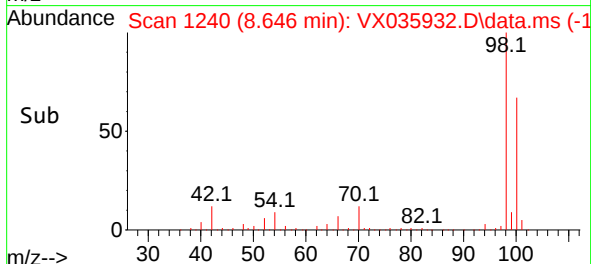
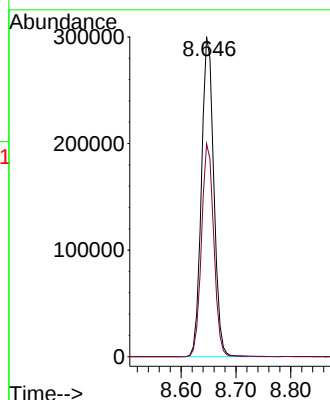
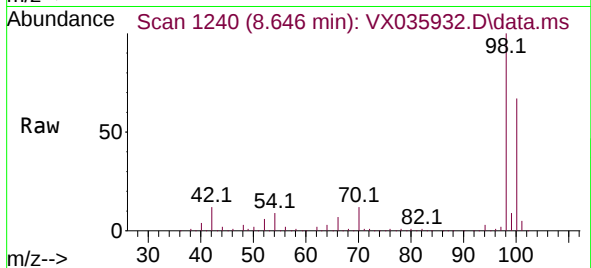




#50
Toluene-d8
Concen: 47.859 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

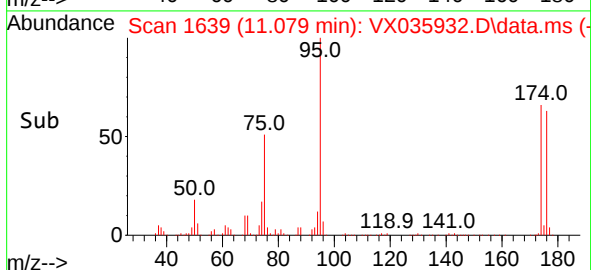
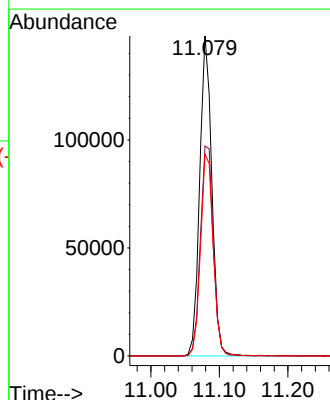
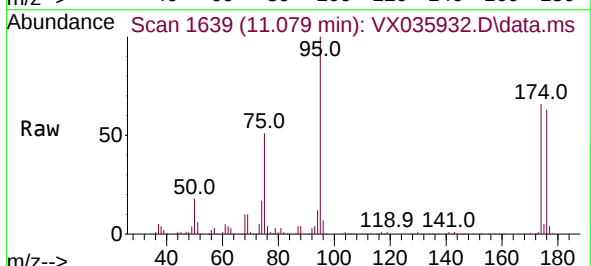
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBL01

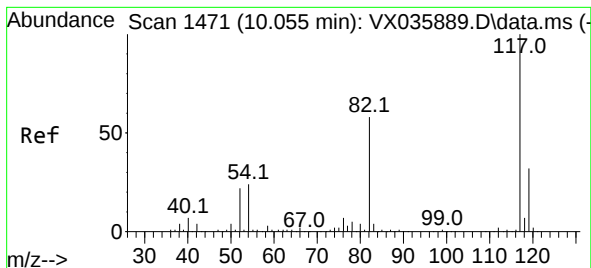
Tgt Ion: 98 Resp: 469122
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035932.D
Acq: 31 May 2023 13:34

Tgt Ion: 95 Resp: 183086
Ion Ratio Lower Upper
95 100
174 69.8 0.0 132.6
176 65.7 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035932.D

Acq: 31 May 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBL01

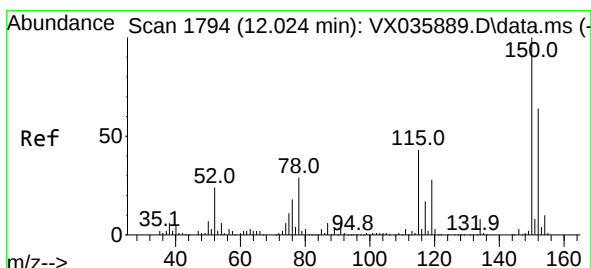
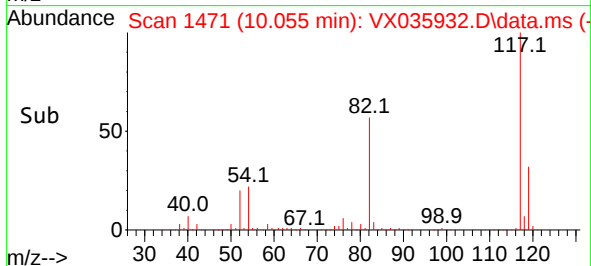
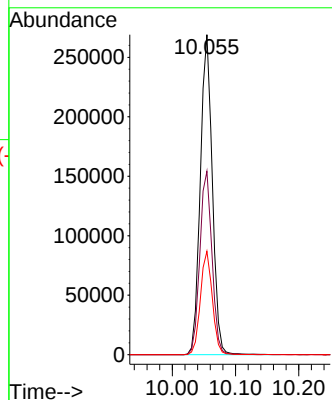
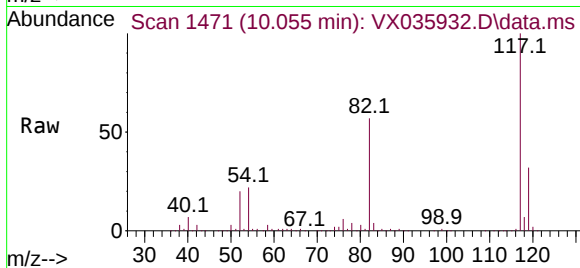
Tgt Ion:117 Resp: 355757

Ion Ratio Lower Upper

117 100

82 57.3 46.6 69.8

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX035932.D

Acq: 31 May 2023 13:34

Tgt Ion:152 Resp: 173427

Ion Ratio Lower Upper

152 100

115 63.2 45.5 136.5

150 156.7 0.0 345.2

