

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039505.D
 Acq On : 28 Dec 2023 10:54
 Operator : JC/MD
 Sample : VX1228WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBL01

Quant Time: Dec 28 22:45:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69617	50.321	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.640%
35) Dibromofluoromethane	5.385	113	55152	50.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.647	98	208749	50.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.000%
62) 4-Bromofluorobenzene	11.079	95	86541	51.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.480%

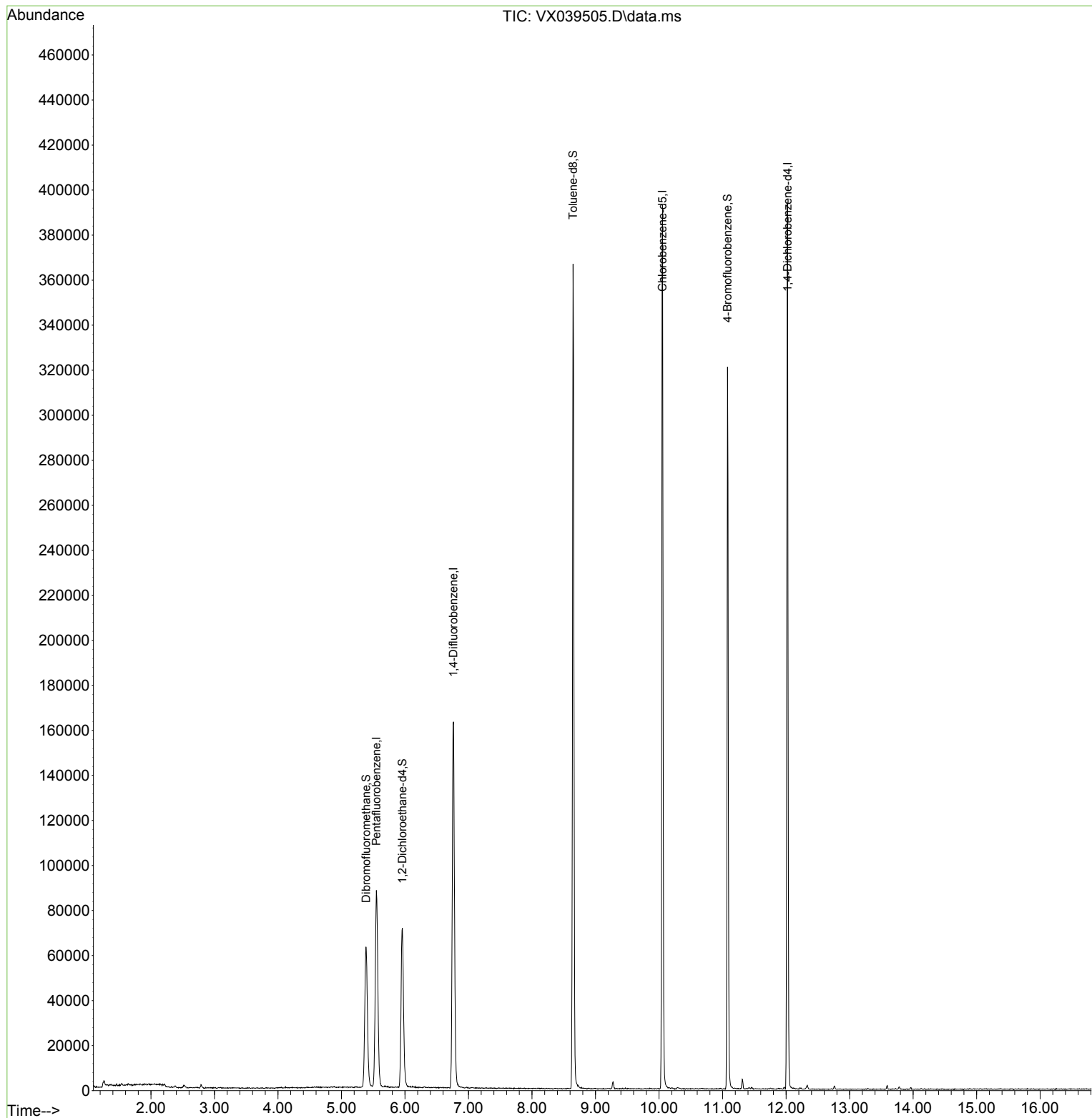
Target Compounds	Qvalue

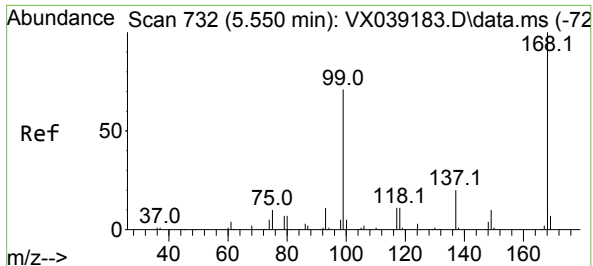
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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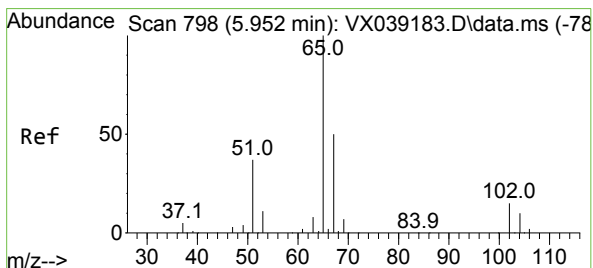
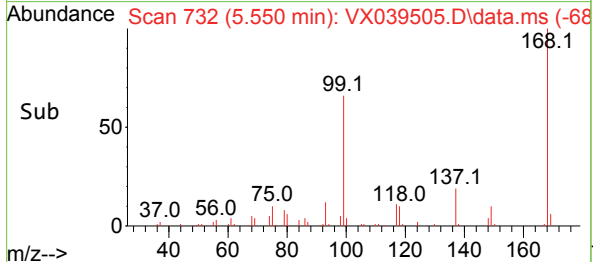
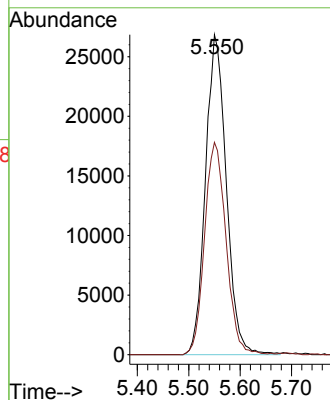
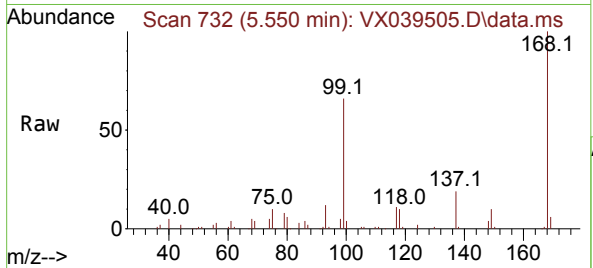




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

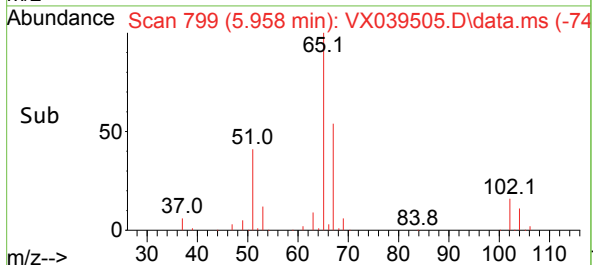
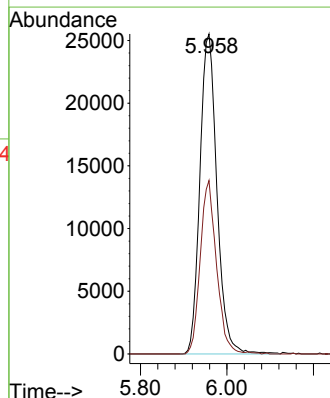
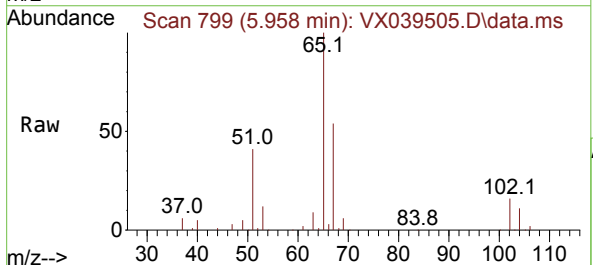
Instrument :
MSVOA_X
ClientSampleId :
VX1228WBL01

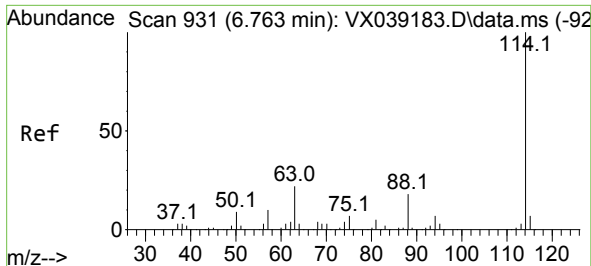
Tgt Ion:168 Resp: 75519
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.321 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

Tgt Ion: 65 Resp: 69617
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

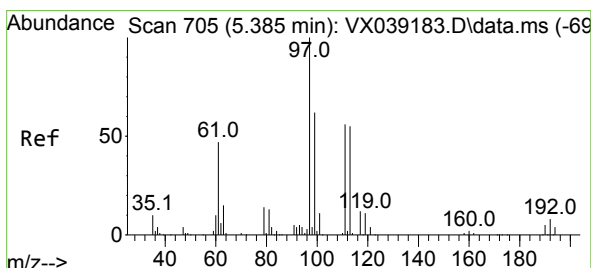
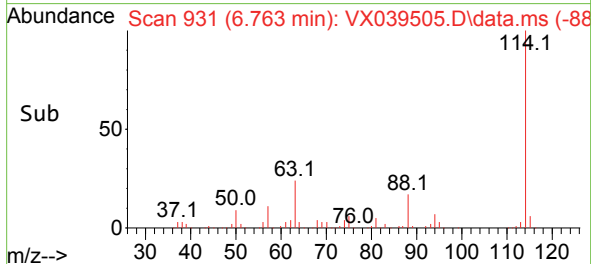
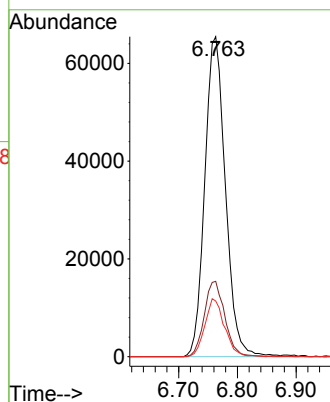
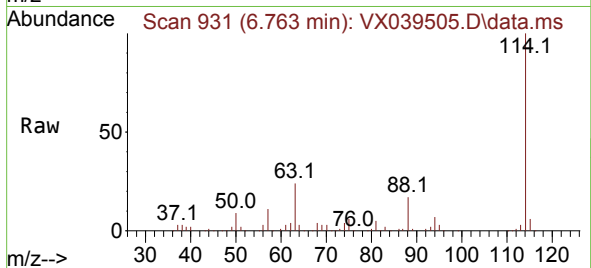




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

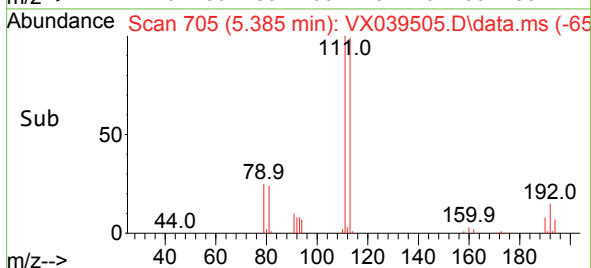
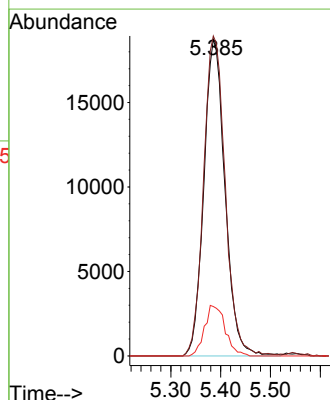
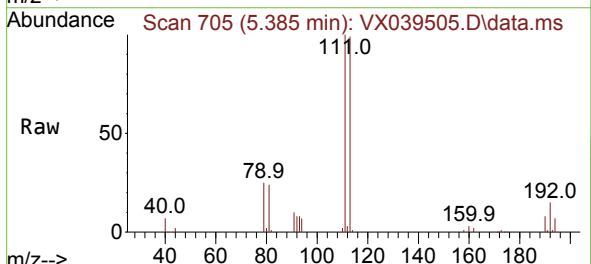
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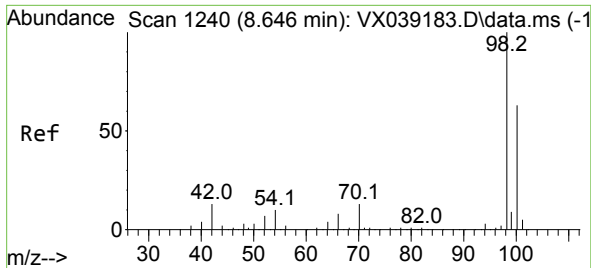
Tgt Ion:114 Resp: 159601
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

Tgt Ion:113 Resp: 55152
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.6 13.3 19.9

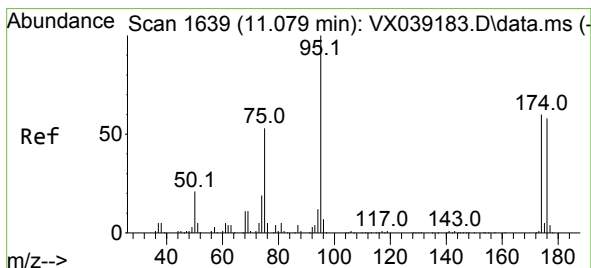
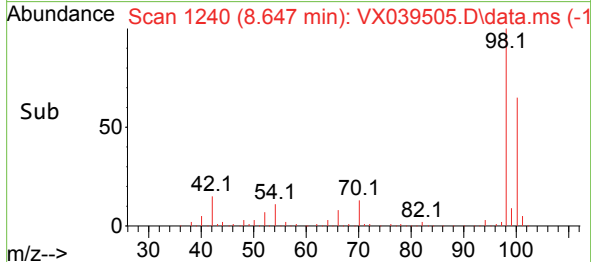
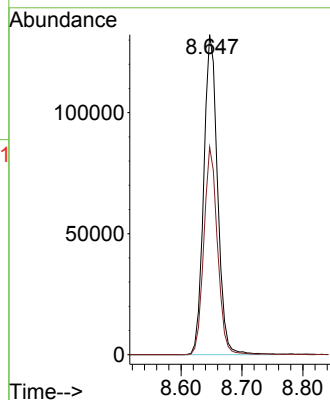
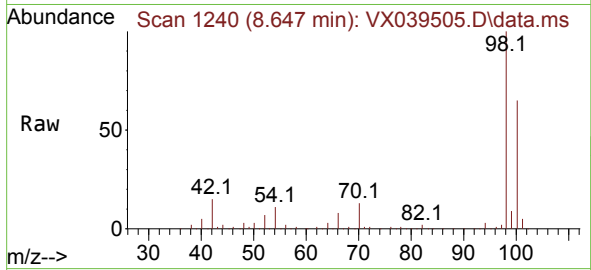




#50
Toluene-d8
Concen: 50.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

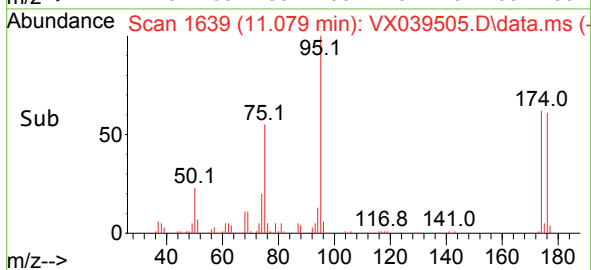
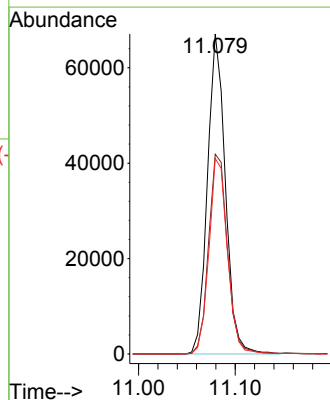
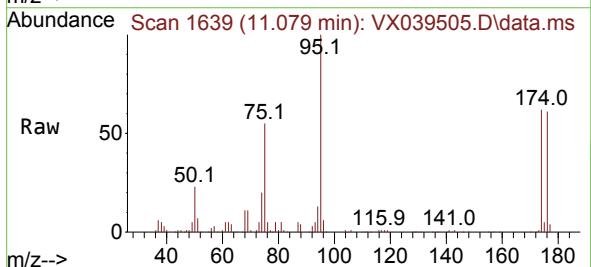
Instrument :
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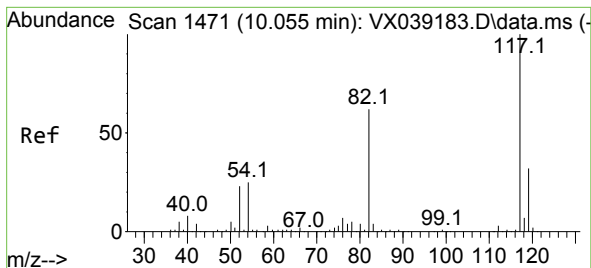
Tgt Ion: 98 Resp: 208749
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039505.D
Acq: 28 Dec 2023 10:54

Tgt Ion: 95 Resp: 86541
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.6
176 62.8 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: VX039505.D

Acq: 28 Dec 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX1228WBL01

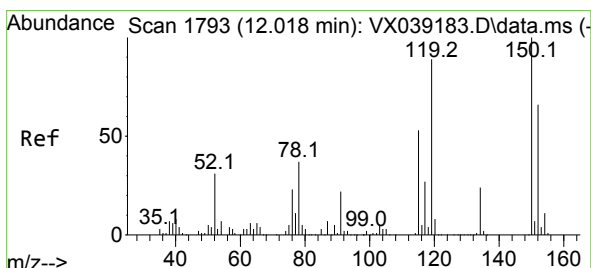
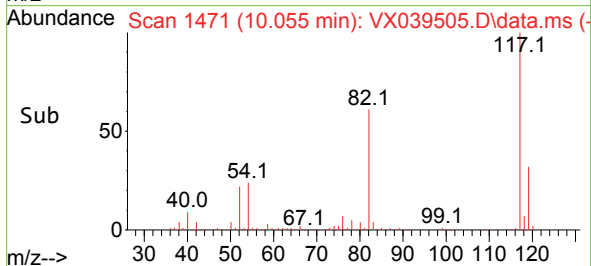
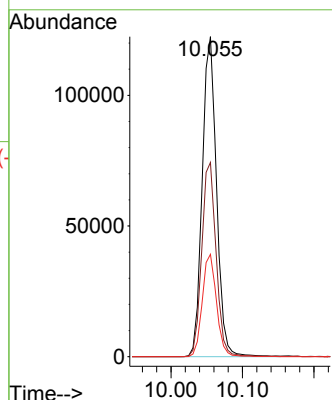
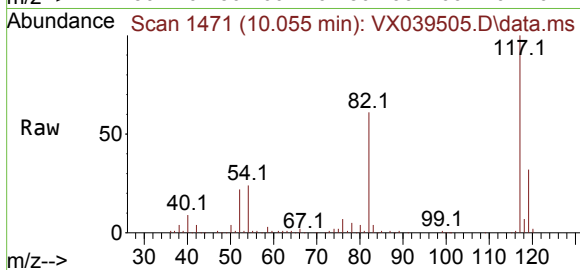
Tgt Ion:117 Resp: 169968

Ion Ratio Lower Upper

117 100

82 60.7 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039505.D

Acq: 28 Dec 2023 10:54

Tgt Ion:152 Resp: 76859

Ion Ratio Lower Upper

152 100

115 66.7 43.3 129.9

150 158.2 0.0 345.0

