

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035529.D
 Acq On : 05 May 2023 12:32
 Operator : JC/MD
 Sample : 02631-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-050423

Quant Time: May 08 00:50:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	299438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	497326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180821	50.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.100%	
35) Dibromofluoromethane	5.385	113	151897	49.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.520%	
50) Toluene-d8	8.646	98	587125	50.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	225230	51.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.000%	

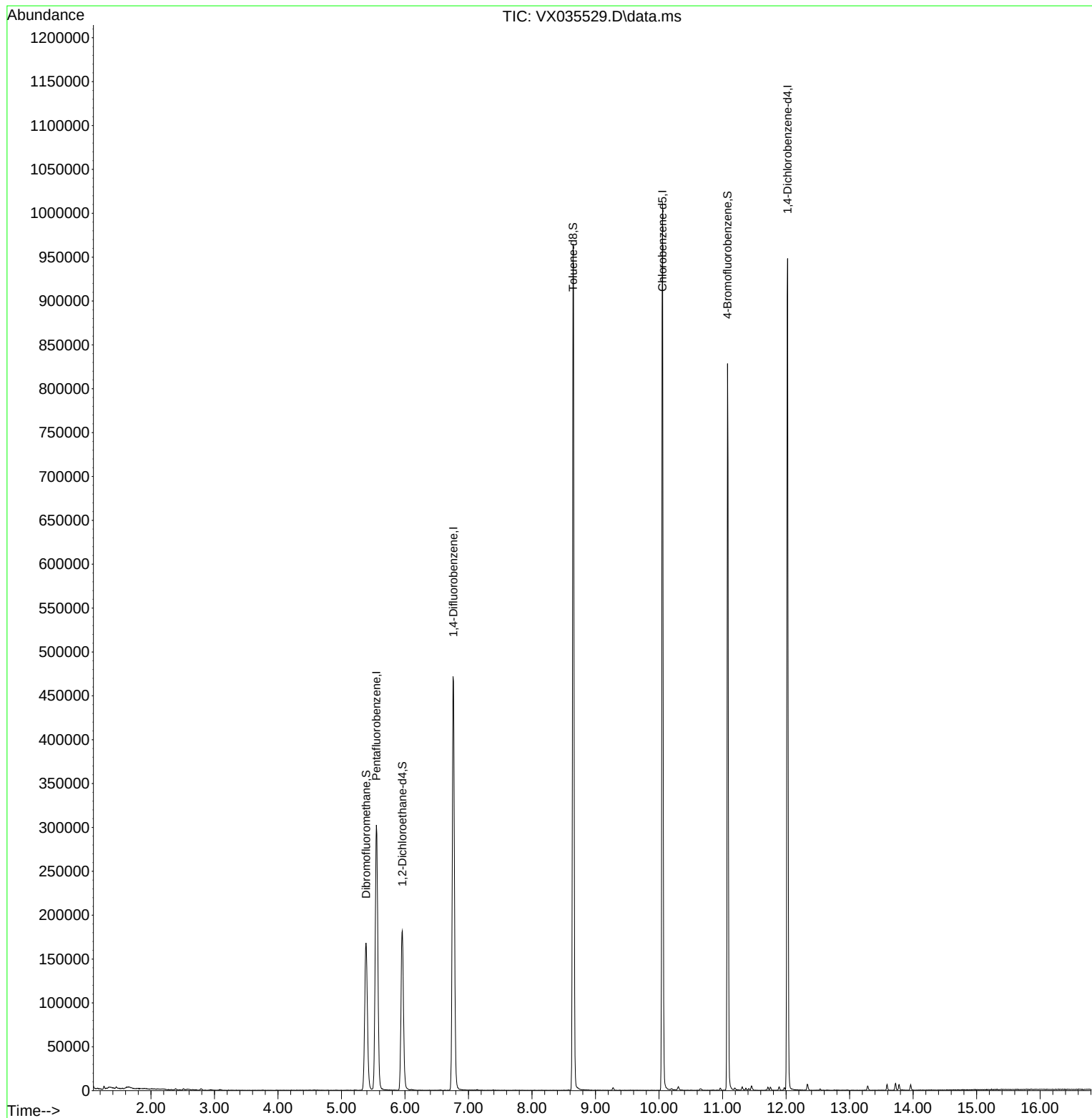
Target Compounds	Qvalue

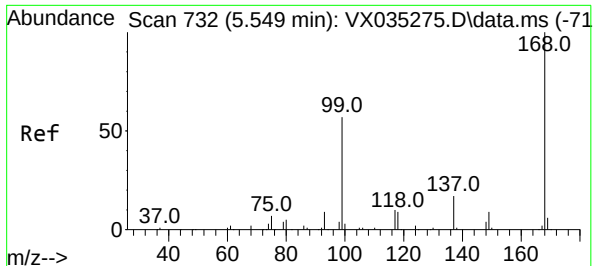
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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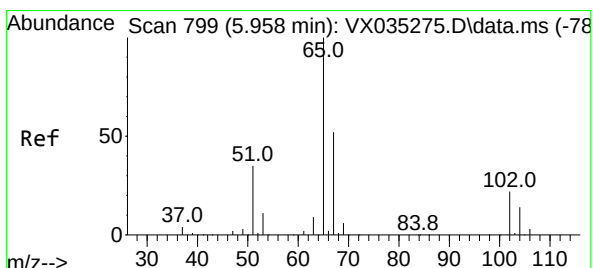
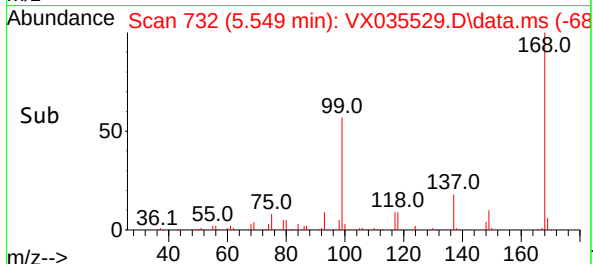
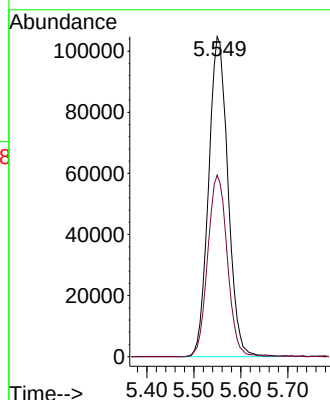
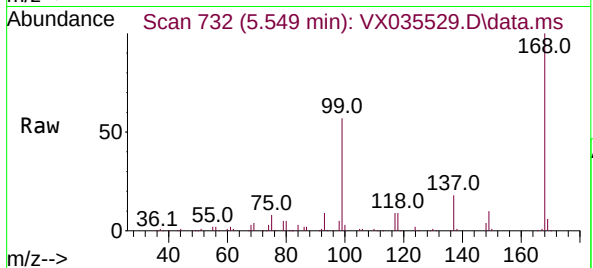




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

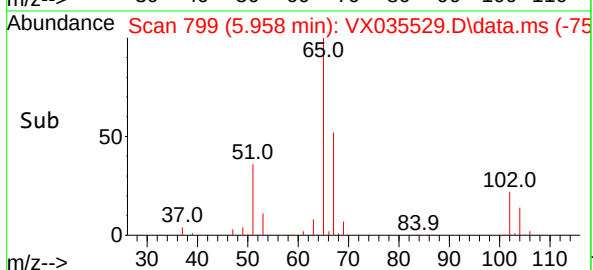
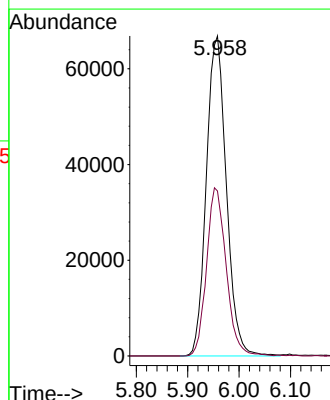
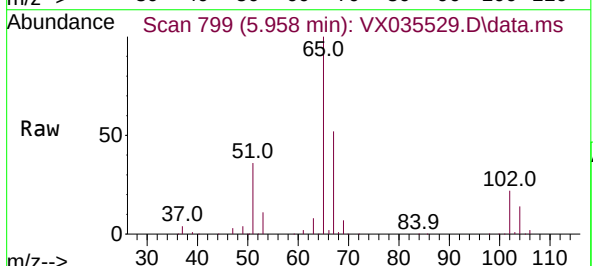
Instrument :
MSVOA_X
ClientSampleId :
TB-01-050423

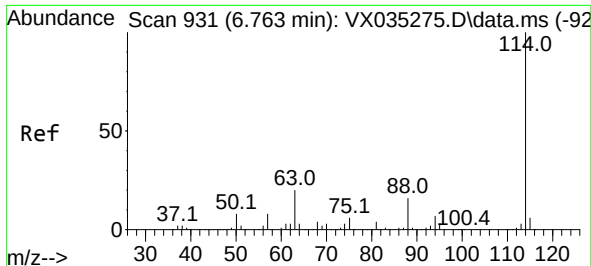
Tgt Ion:168 Resp: 299438
Ion Ratio Lower Upper
168 100
99 56.7 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.054 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

Tgt Ion: 65 Resp: 180821
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

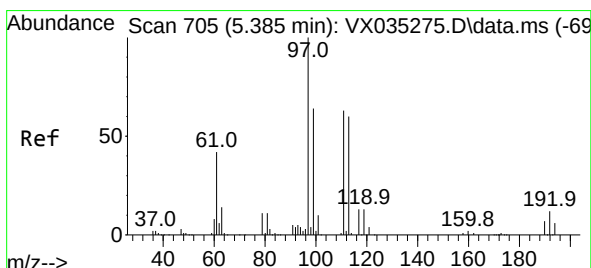
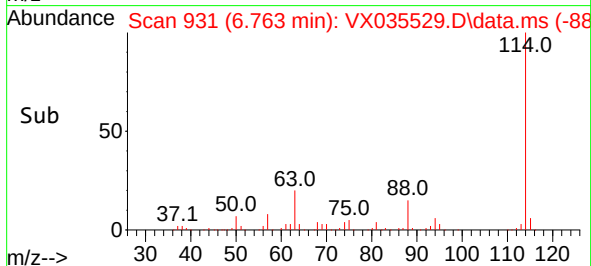
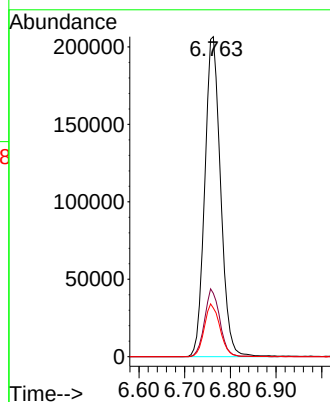
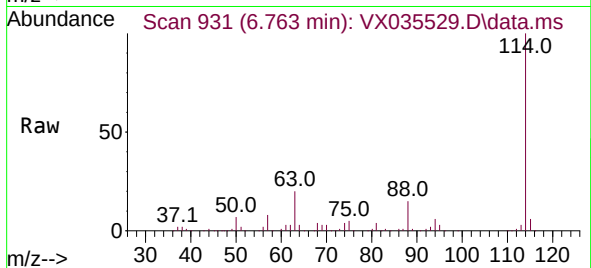




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

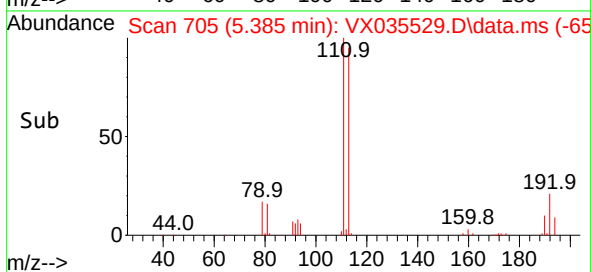
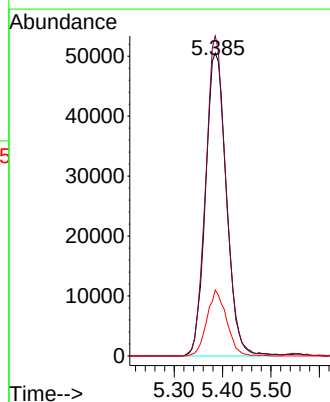
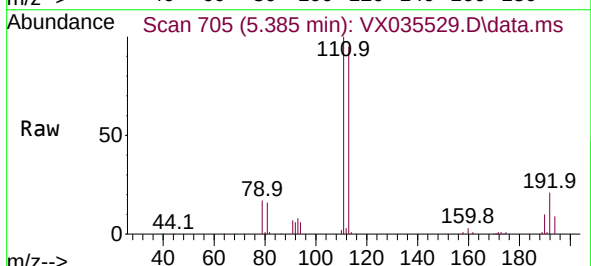
Instrument :
MSVOA_X
ClientSampleId :
TB-01-050423

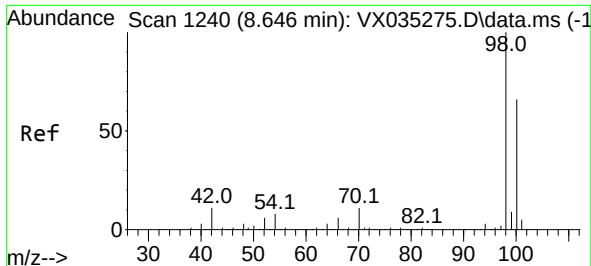
Tgt Ion:114 Resp: 497326
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

Tgt Ion:113 Resp: 151897
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.4 15.4 23.2

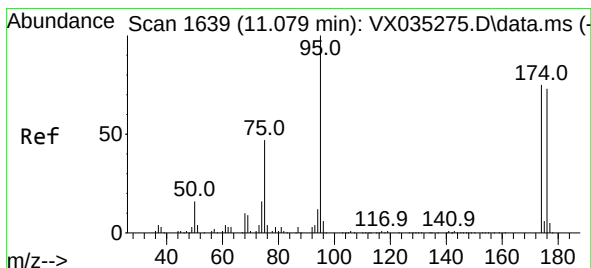
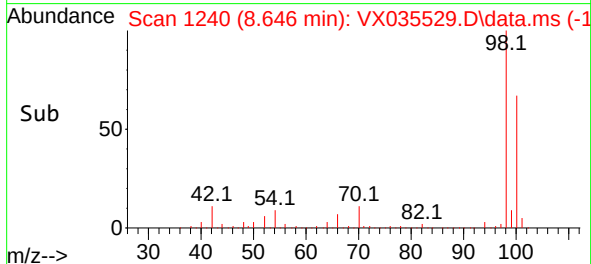
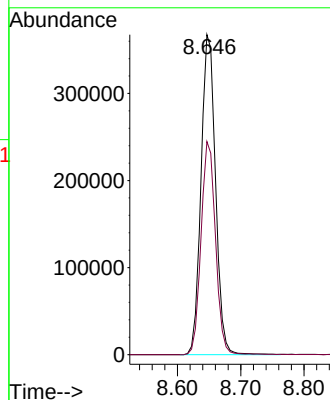
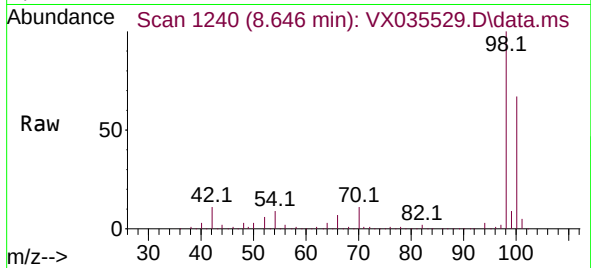




#50
Toluene-d8
Concen: 50.989 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

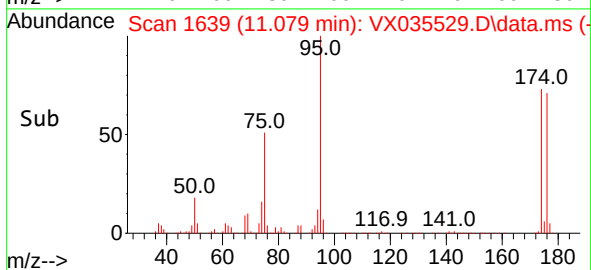
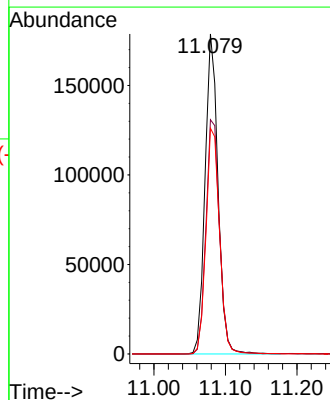
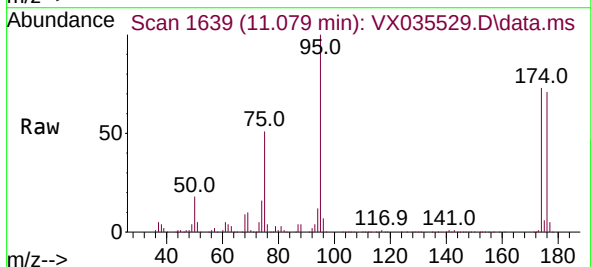
Instrument :
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TB-01-050423

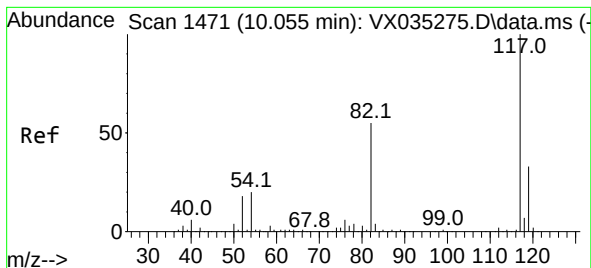
Tgt Ion: 98 Resp: 587125
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035529.D
Acq: 05 May 2023 12:32

Tgt Ion: 95 Resp: 225230
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.4
176 73.9 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035529.D

Acq: 05 May 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

TB-01-050423

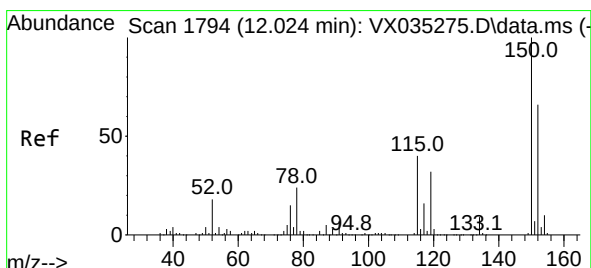
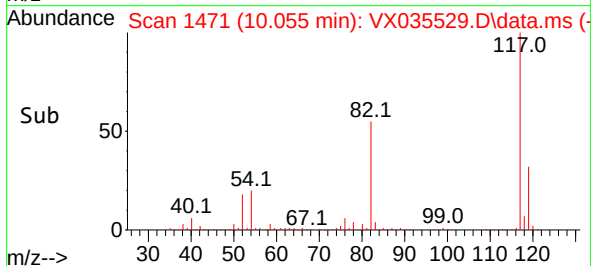
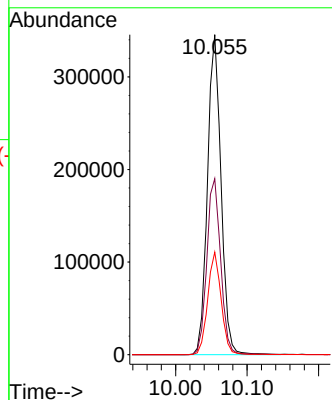
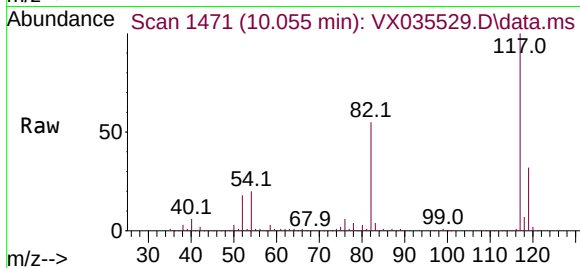
Tgt Ion:117 Resp: 455212

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.4

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX035529.D

Acq: 05 May 2023 12:32

Tgt Ion:152 Resp: 207201

Ion Ratio Lower Upper

152 100

115 61.4 45.0 135.0

150 157.9 0.0 352.4

