

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035590.D
 Acq On : 10 May 2023 16:46
 Operator : JC/MD
 Sample : 02719-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_20230509

Quant Time: May 11 04:24:12 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)

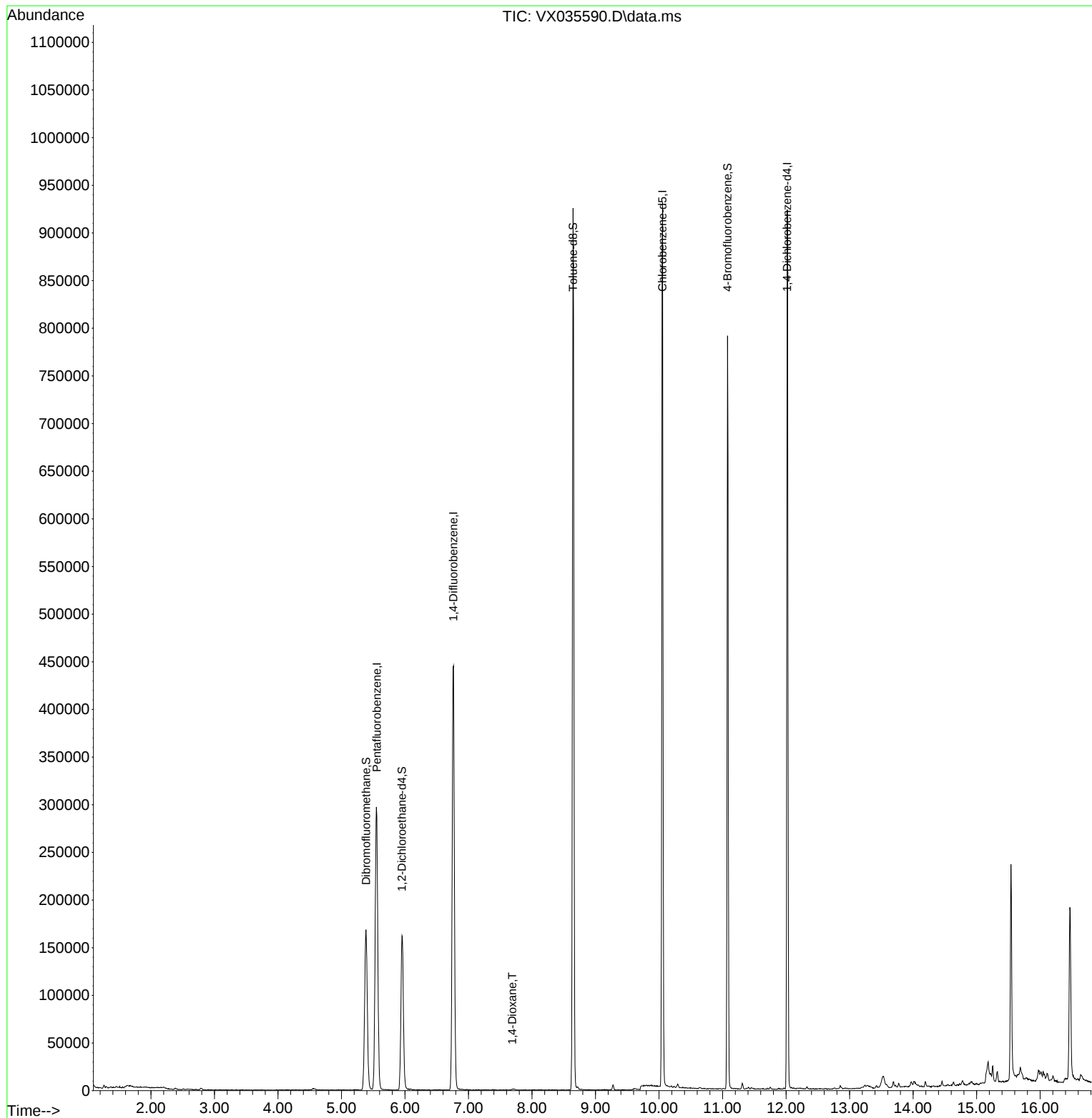
Internal Standards						
1) Pentafluorobenzene	5.556	168	306427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	208776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156035	42.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.420%
35) Dibromofluoromethane	5.385	113	150584	49.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	566415	49.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	215503	49.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%
Target Compounds						
49) 1,4-Dioxane	7.690	88	1263	14.487	ug/l	Qvalue # 60

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

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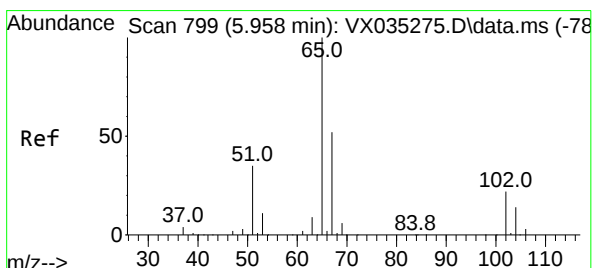
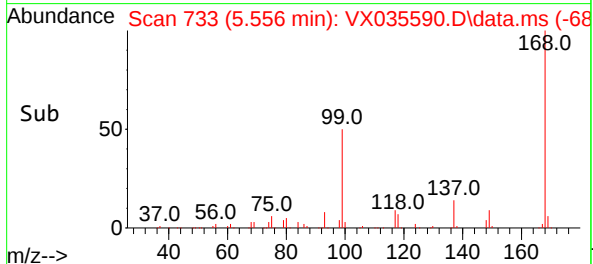
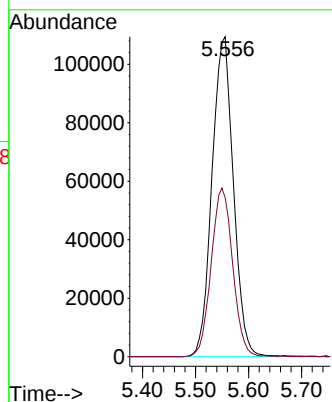
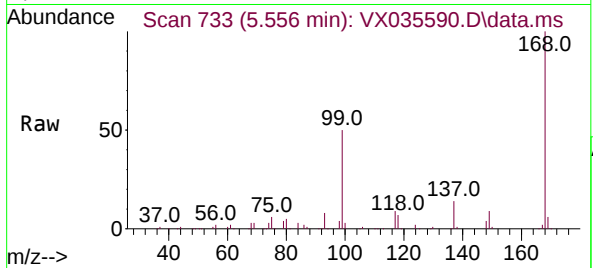




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

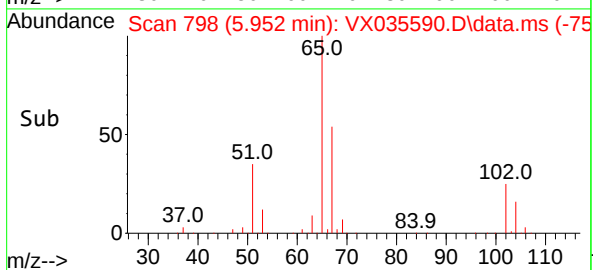
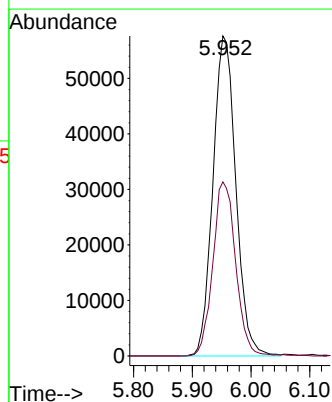
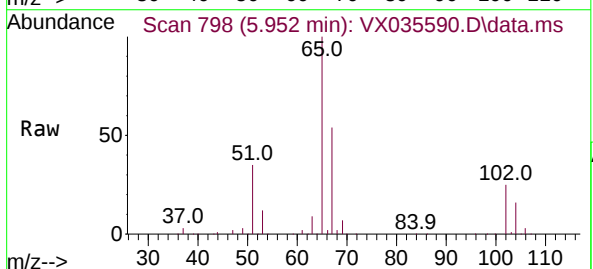
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

Tgt Ion:168 Resp: 306427
Ion Ratio Lower Upper
168 100
99 49.7 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 42.207 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion: 65 Resp: 156035
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.0

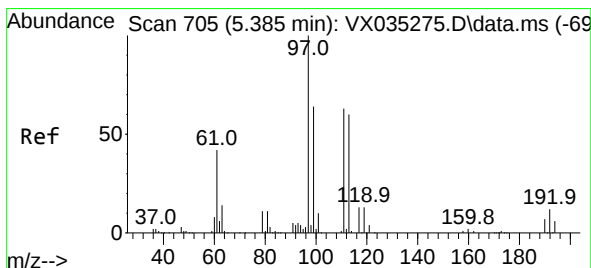
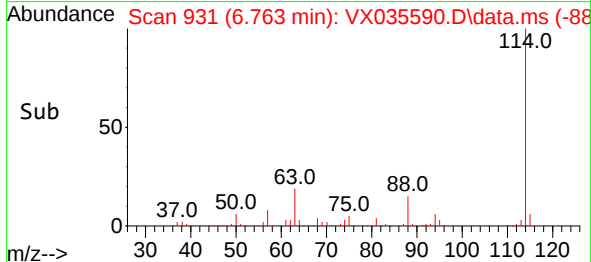
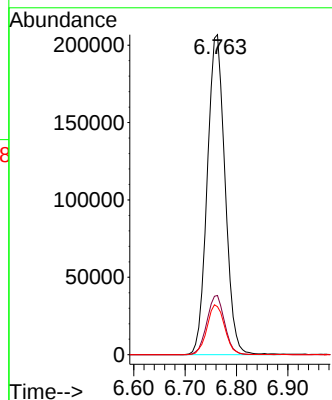
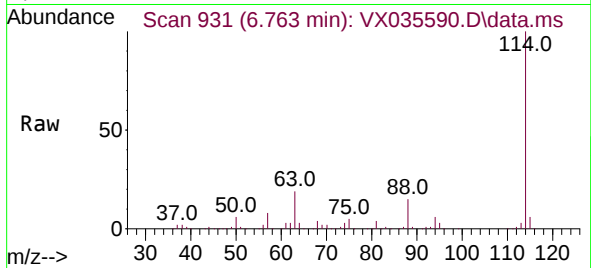




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

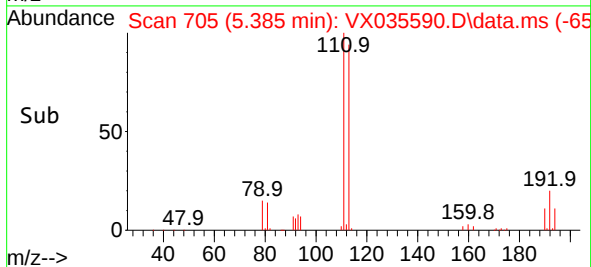
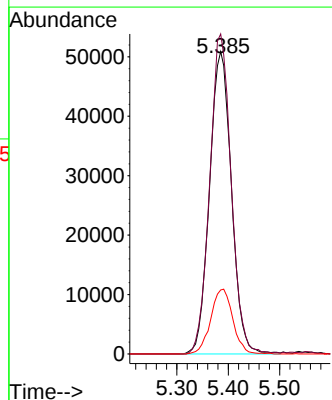
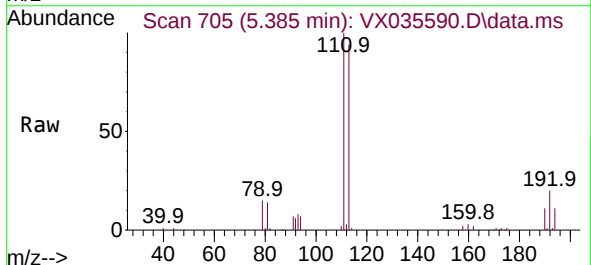
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

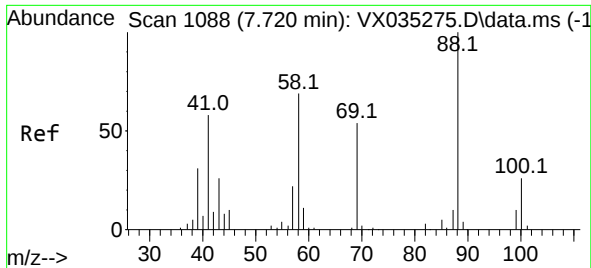
Tgt Ion:114 Resp: 495749
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.2
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

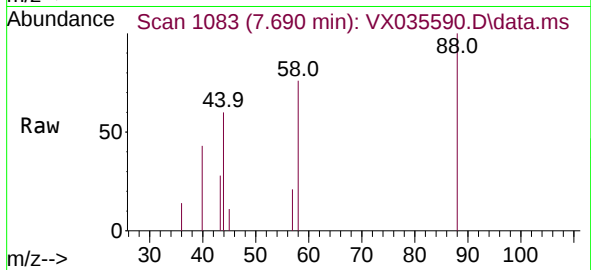
Tgt Ion:113 Resp: 150584
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 21.6 15.4 23.2



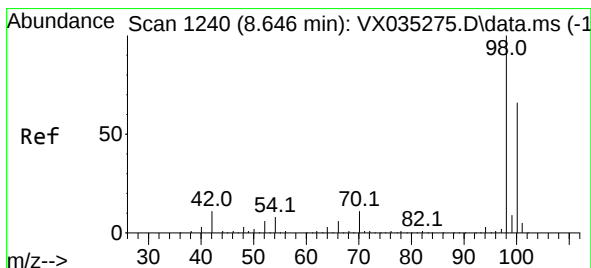
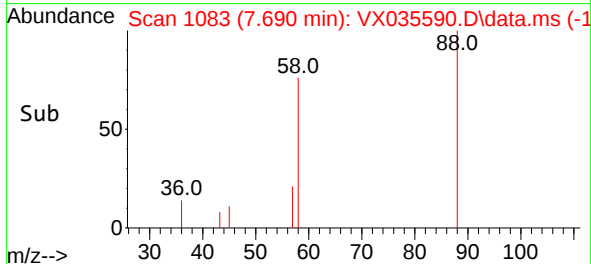
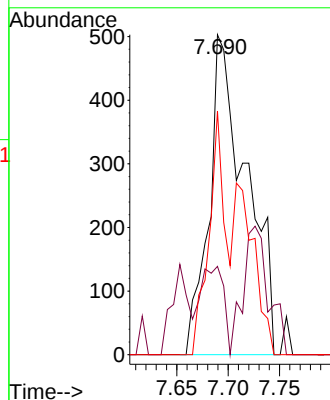


#49
1,4-Dioxane
Concen: 14.487 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.030 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
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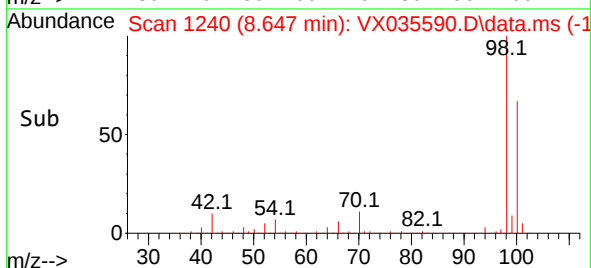
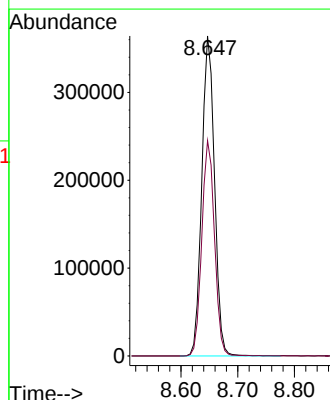
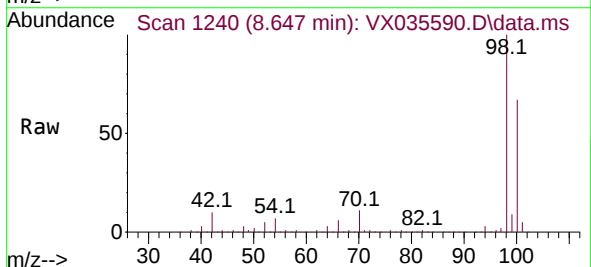


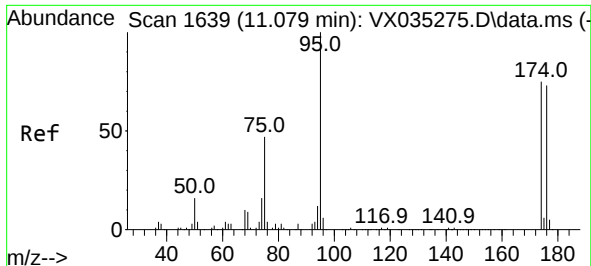
Tgt Ion	Ratio	Lower	Upper
88	100		
43	17.3	27.7	41.5#
58	33.6	56.8	85.2#



#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.5	78.7





#62

4-Bromofluorobenzene

Concen: 49.909 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

TB-01_20230509

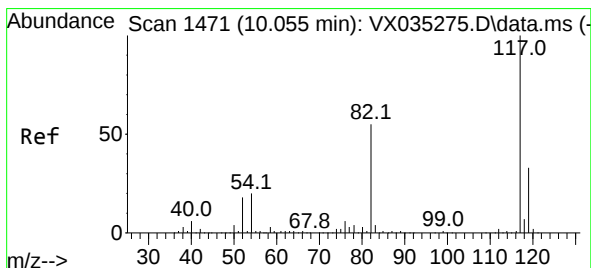
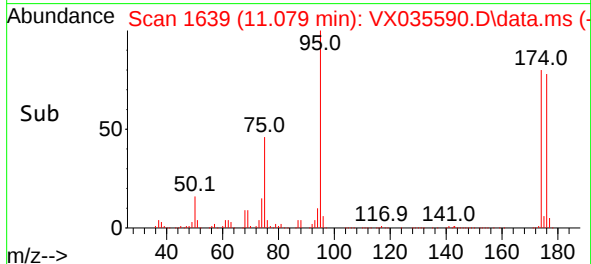
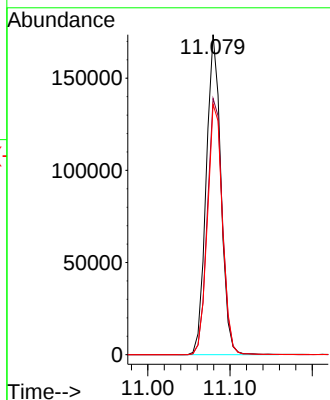
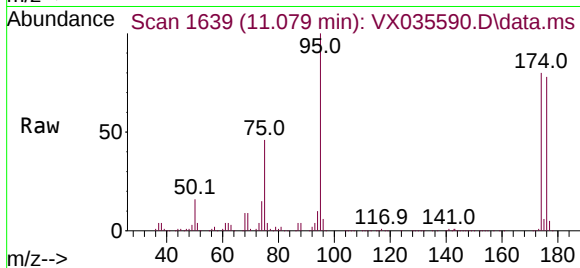
Tgt Ion: 95 Resp: 215503

Ion Ratio Lower Upper

95 100

174 82.2 0.0 147.4

176 80.1 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: VX035590.D

Acq: 10 May 2023 16:46

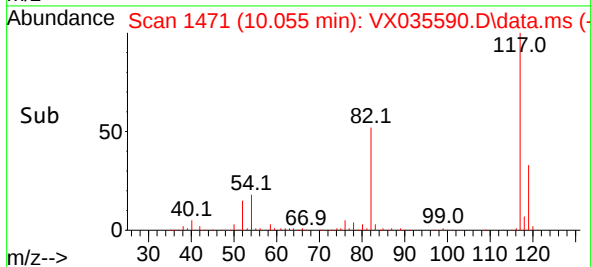
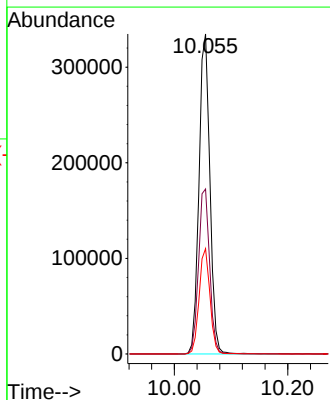
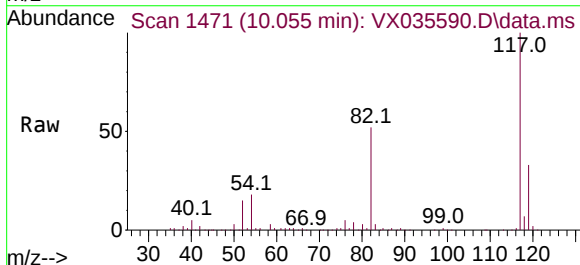
Tgt Ion: 117 Resp: 445953

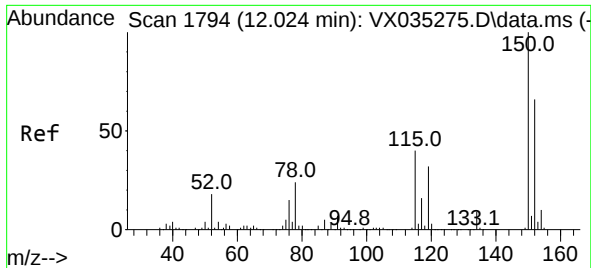
Ion Ratio Lower Upper

117 100

82 51.6 45.0 67.4

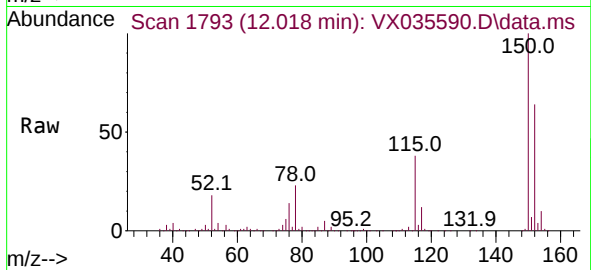
119 32.9 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX035590.D
 Acq: 10 May 2023 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 208776
 Ion Ratio Lower Upper
 152 100
 115 58.4 45.0 135.0
 150 156.6 0.0 352.4

