

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031543.D
 Acq On : 22 Sep 2022 02:34
 Operator : JC/MD
 Sample : N4614-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB091222

Quant Time: Sep 22 04:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79135	55.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	5.385	113	67218	51.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.647	98	263070	51.854	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	80915	47.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%

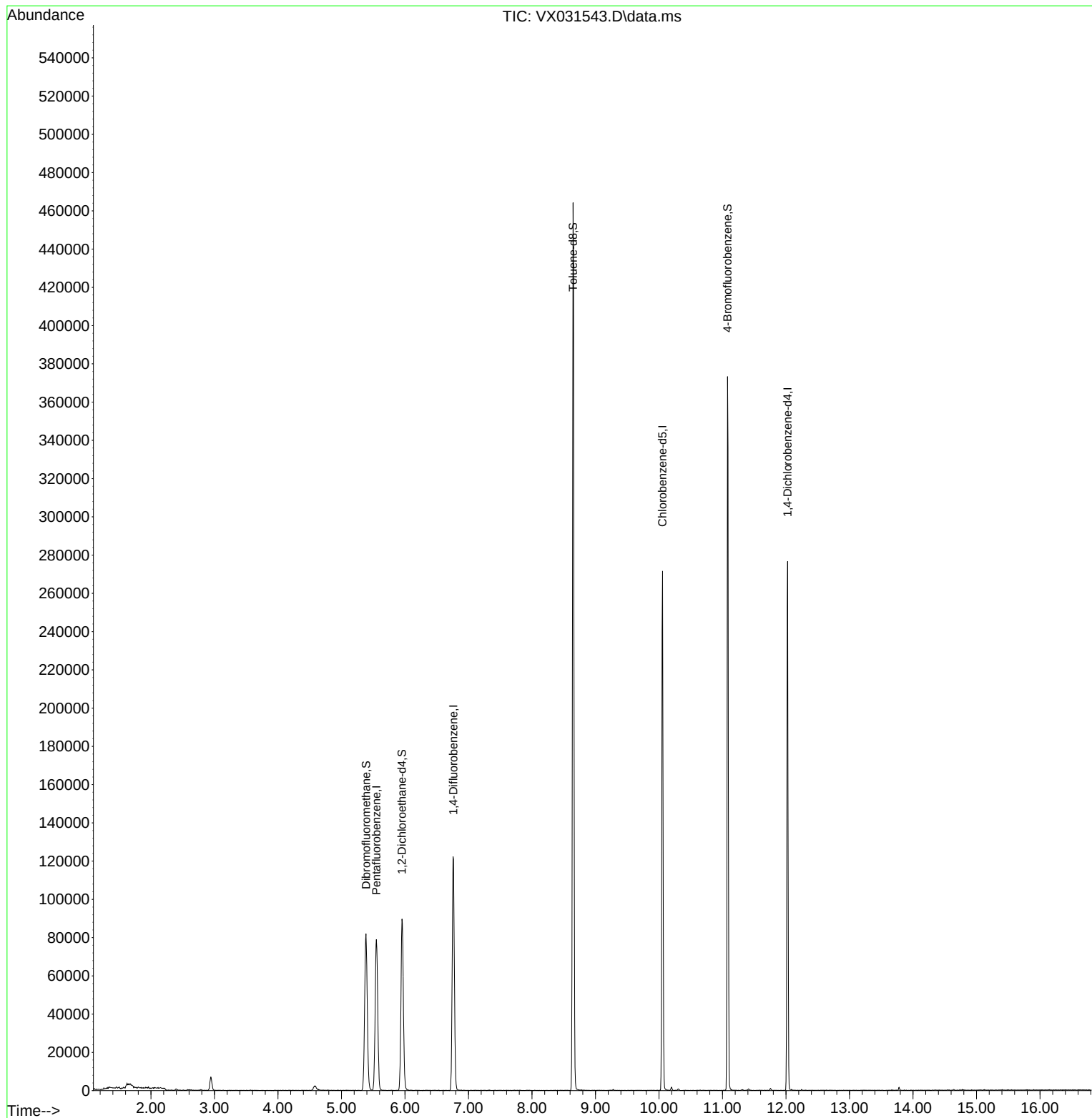
Target Compounds	Qvalue

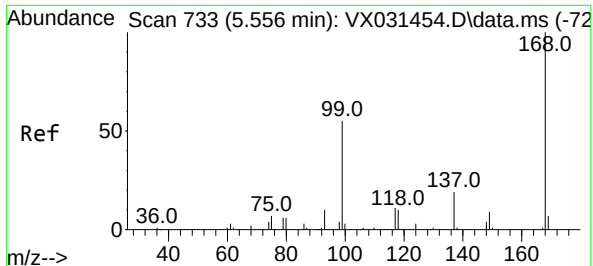
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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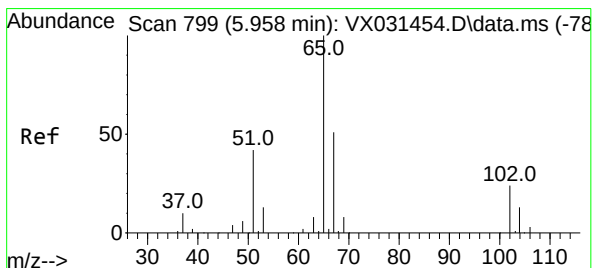
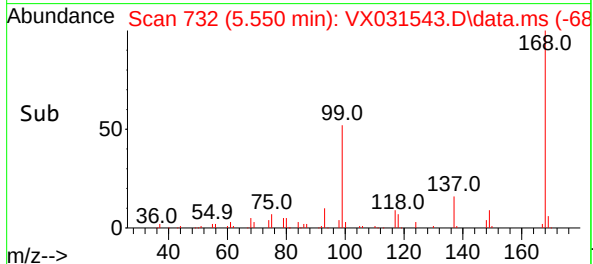
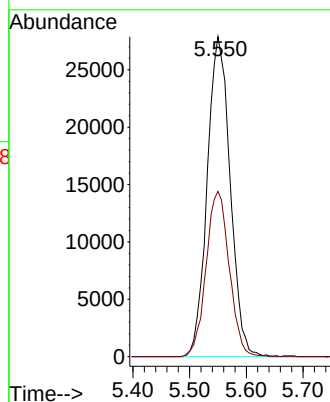
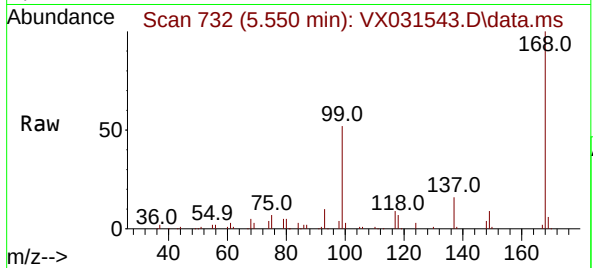




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

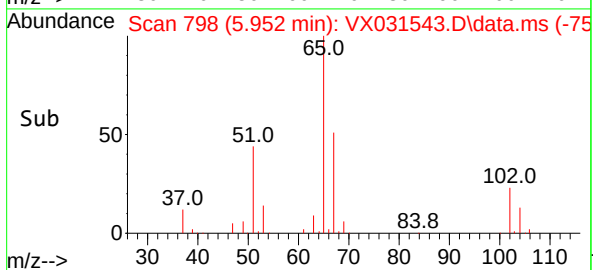
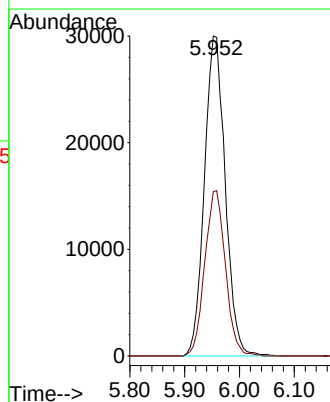
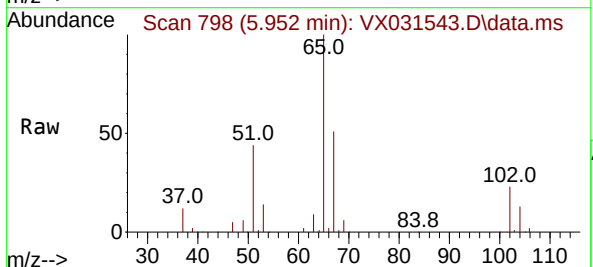
Instrument :
MSVOA_X
ClientSampleId :
FB091222

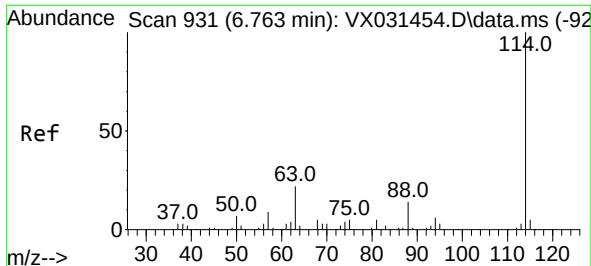
Tgt Ion:168 Resp: 78449
Ion Ratio Lower Upper
168 100
99 51.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.010 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion: 65 Resp: 79135
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

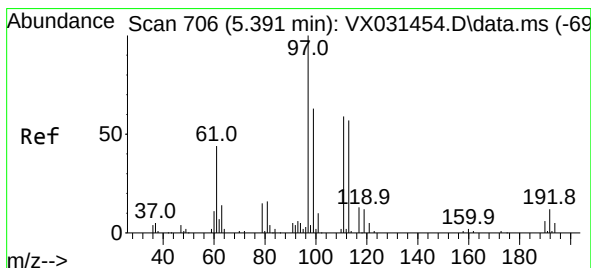
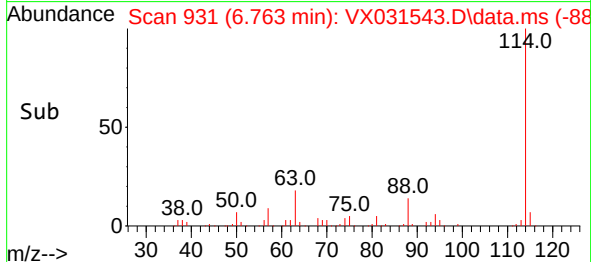
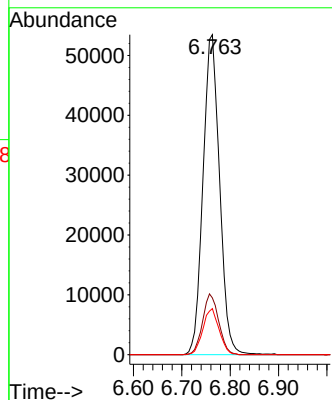
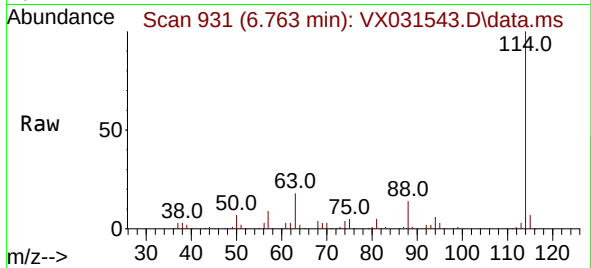




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

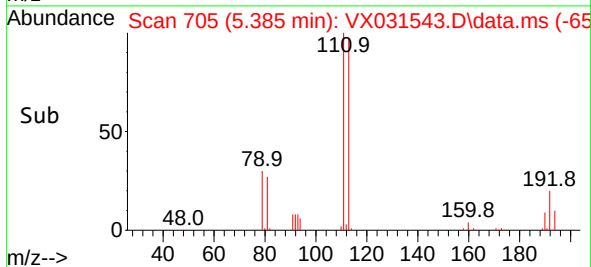
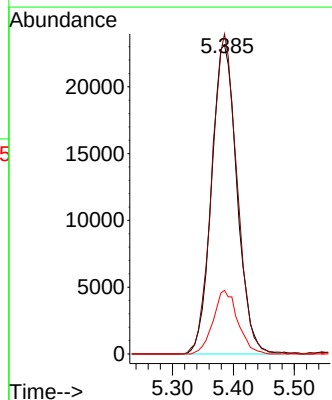
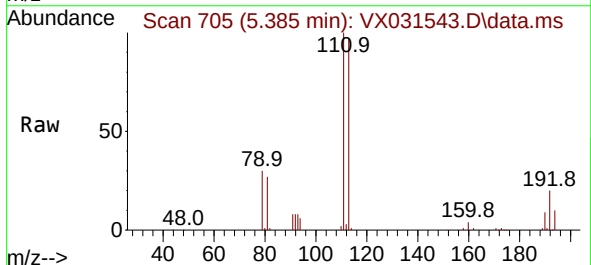
Instrument :
MSVOA_X
ClientSampleId :
FB091222

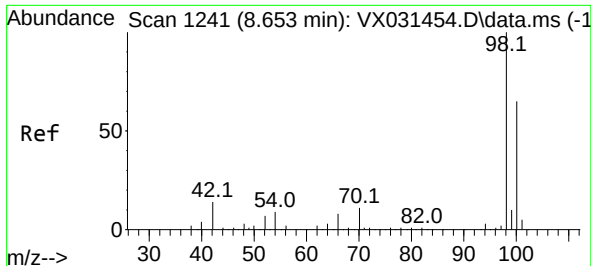
Tgt Ion:114 Resp: 127339
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion:113 Resp: 67218
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.8 14.1 21.1





#50

Toluene-d8

Concen: 51.854 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031543.D

Acq: 22 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

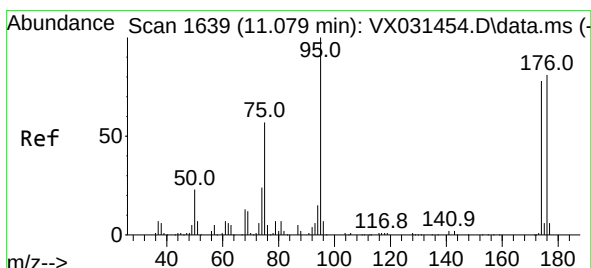
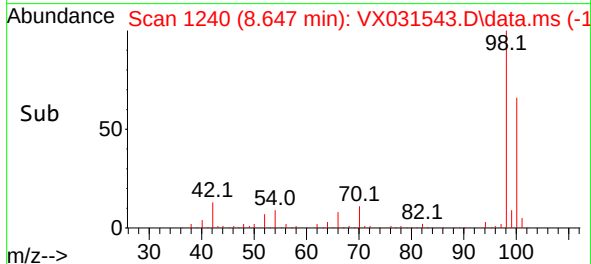
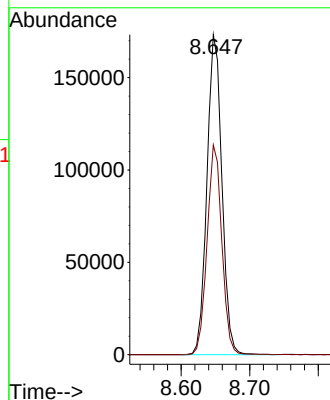
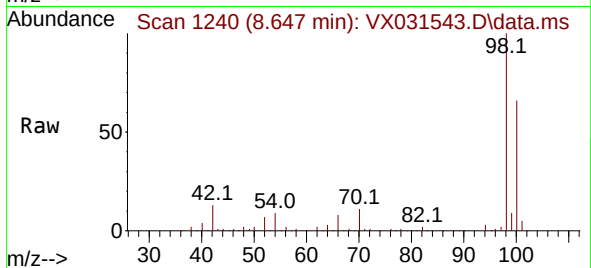
FB091222

Tgt Ion: 98 Resp: 263070

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.085 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031543.D

Acq: 22 Sep 2022 02:34

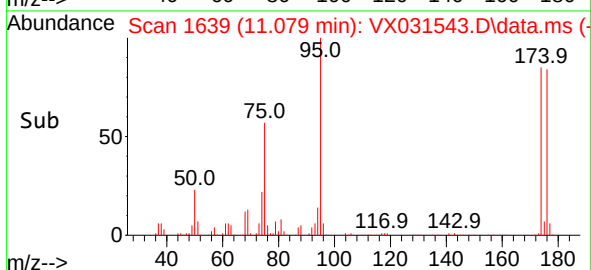
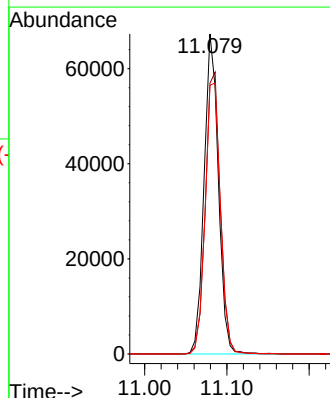
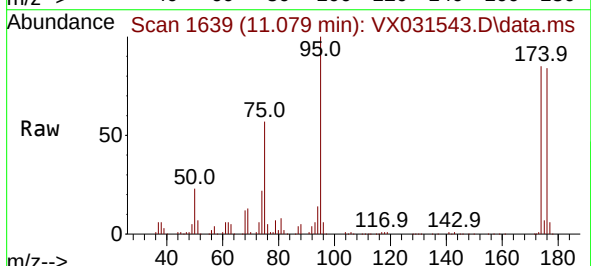
Tgt Ion: 95 Resp: 80915

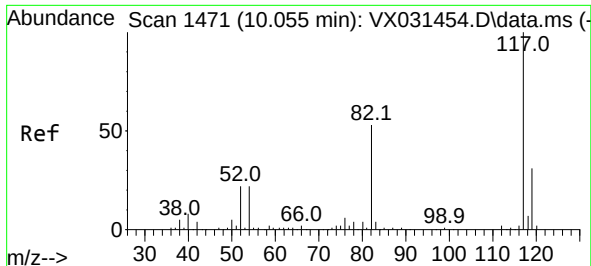
Ion Ratio Lower Upper

95 100

174 92.4 0.0 153.2

176 90.5 0.0 144.0

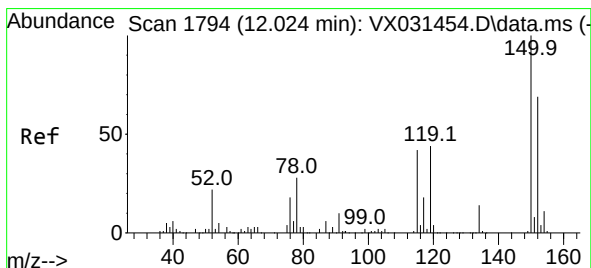
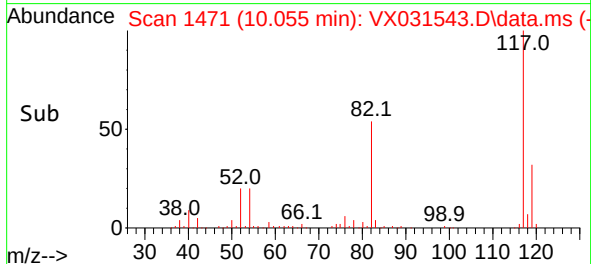
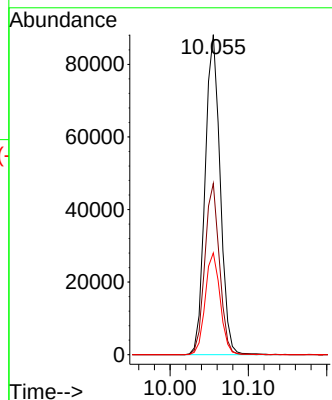
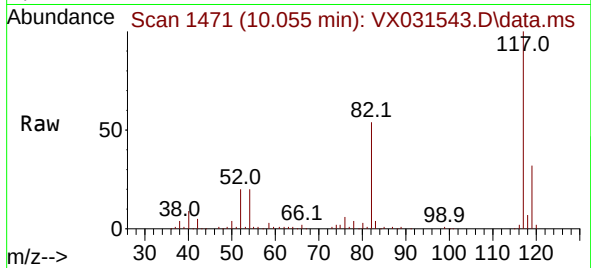




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Instrument :
MSVOA_X
ClientSampleId :
FB091222

Tgt Ion:117 Resp: 117344
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031543.D
Acq: 22 Sep 2022 02:34

Tgt Ion:152 Resp: 54526
Ion Ratio Lower Upper
152 100
115 56.3 43.4 130.1
150 157.0 0.0 346.8

