

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035591.D
 Acq On : 10 May 2023 17:10
 Operator : JC/MD
 Sample : 02723-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030723

Quant Time: May 11 04:24:33 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	5.550	168	319067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	513321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162240	42.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.300%
35) Dibromofluoromethane	5.385	113	156802	49.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.647	98	583526	49.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	227405	50.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.720%

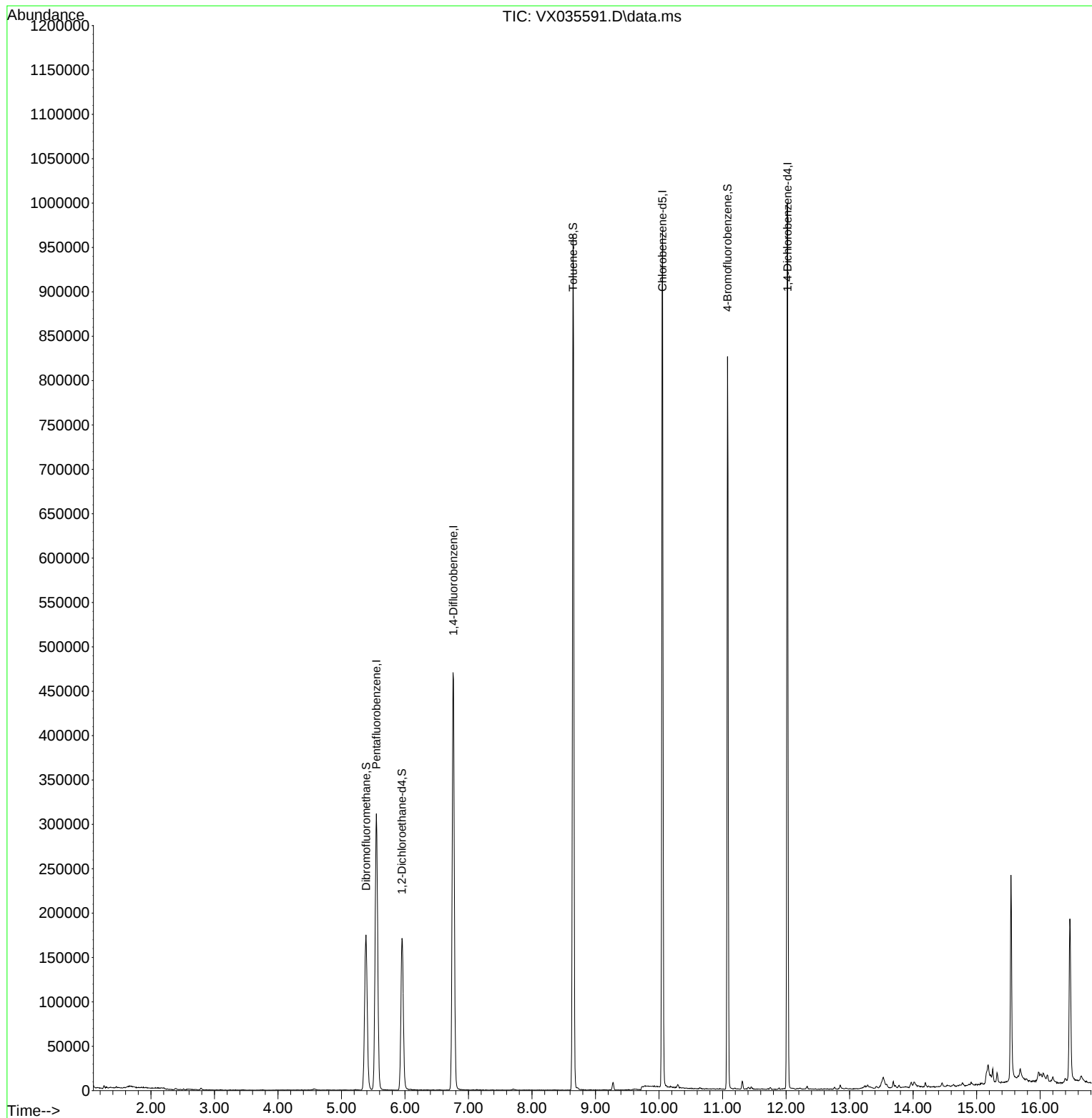
Target Compounds	Qvalue

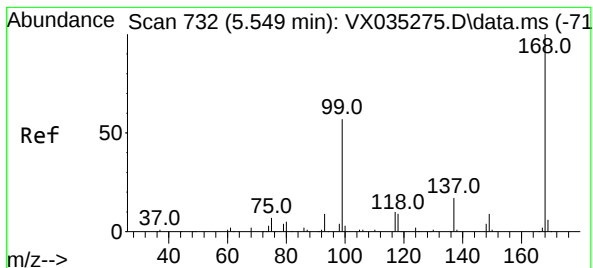
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

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Instrument :

MSVOA_X

ClientSampleId :

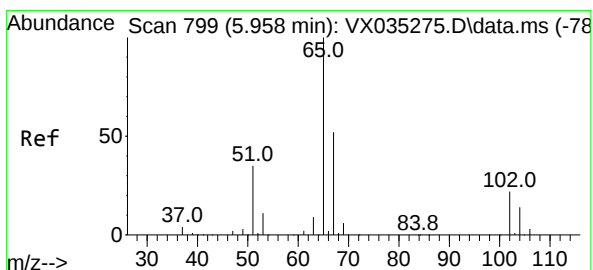
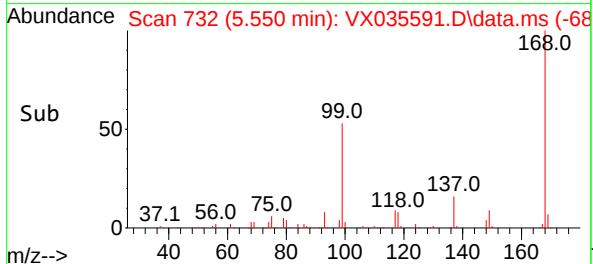
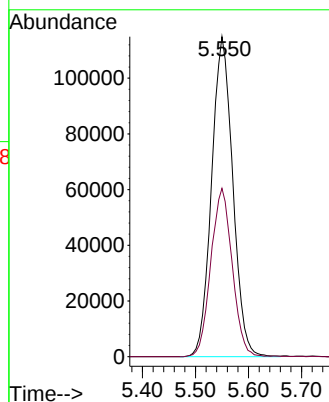
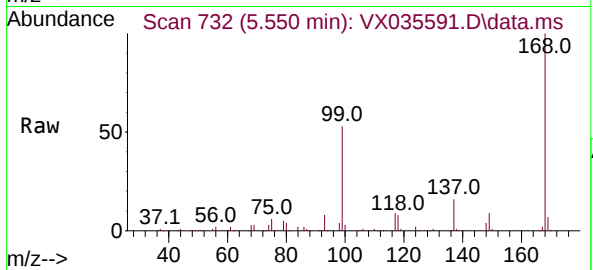
TB-01-030723

Tgt Ion:168 Resp: 319067

Ion Ratio Lower Upper

168 100

99 52.6 45.7 68.5



#33

1,2-Dichloroethane-d4

Concen: 42.147 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035591.D

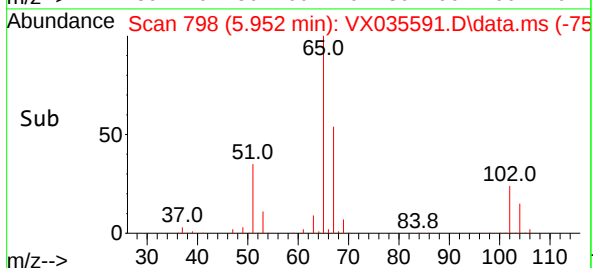
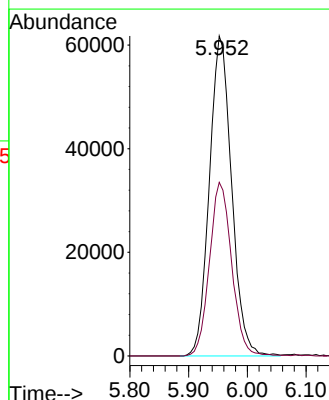
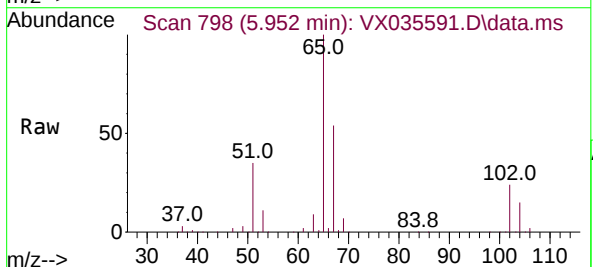
Acq: 10 May 2023 17:10

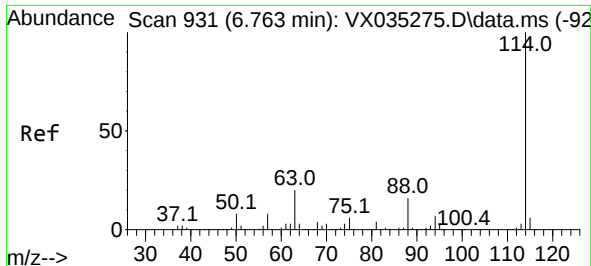
Tgt Ion: 65 Resp: 162240

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.0

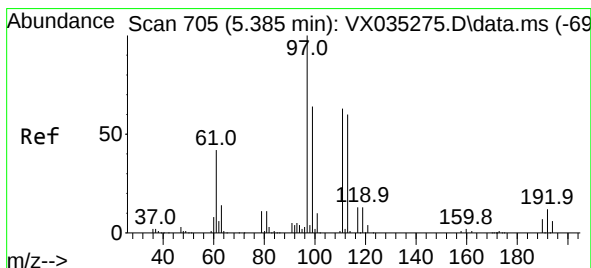
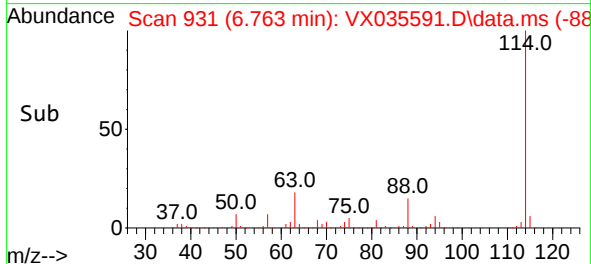
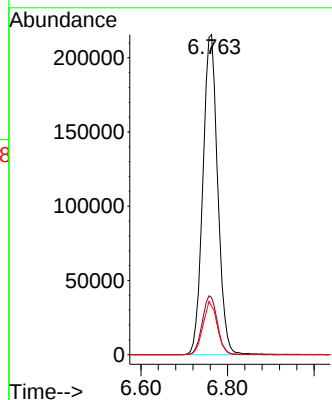
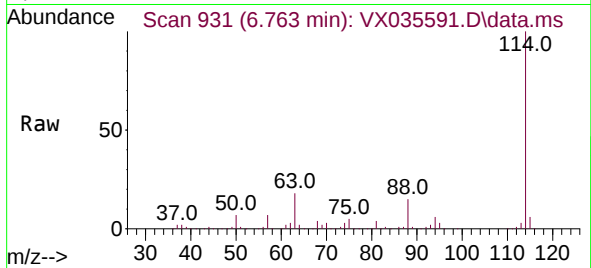




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

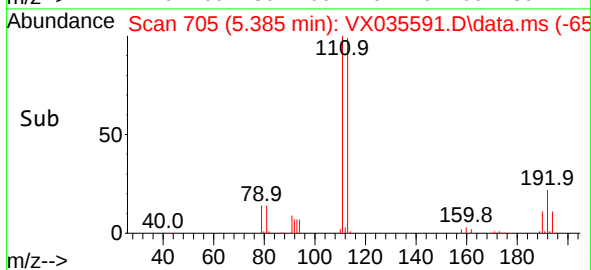
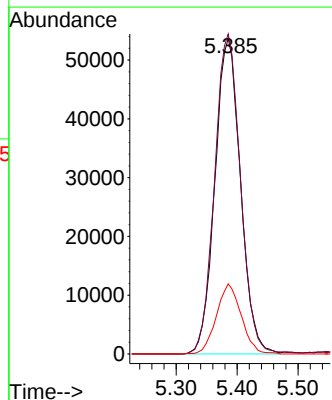
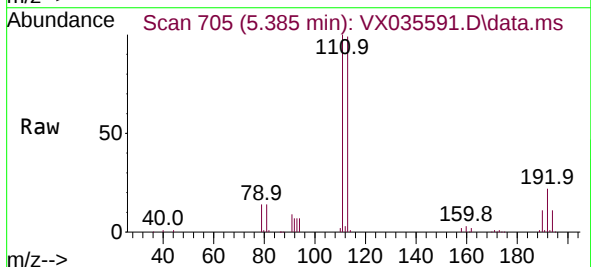
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TB-01-030723

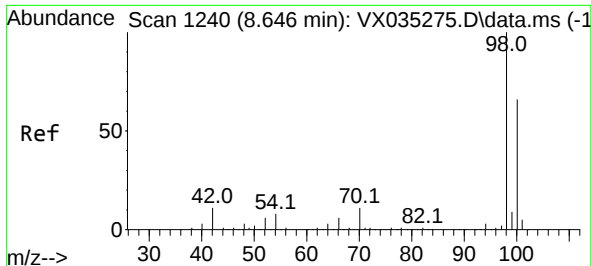
Tgt Ion:114 Resp: 513321
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.2
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion:113 Resp: 156802
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 21.5 15.4 23.2

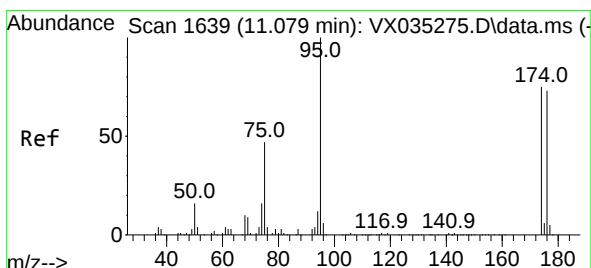
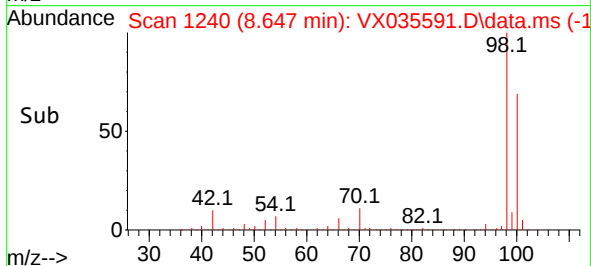
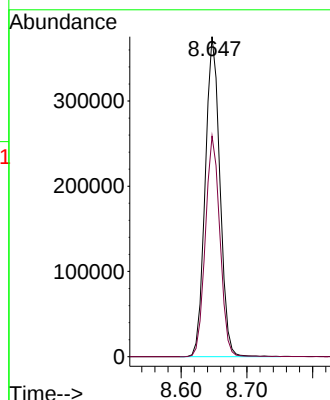
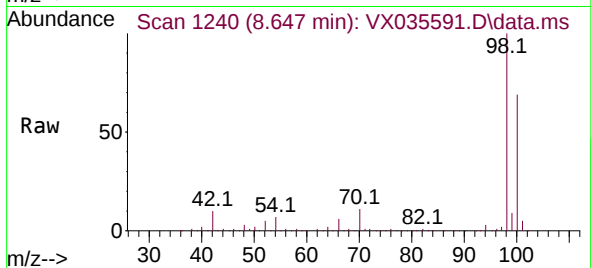




#50
Toluene-d8
Concen: 49.097 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

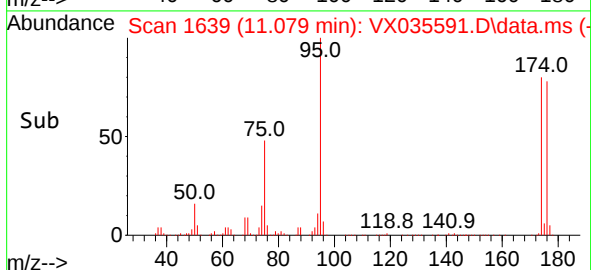
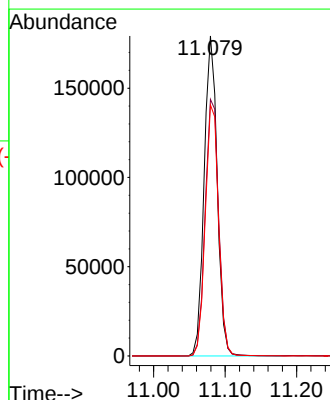
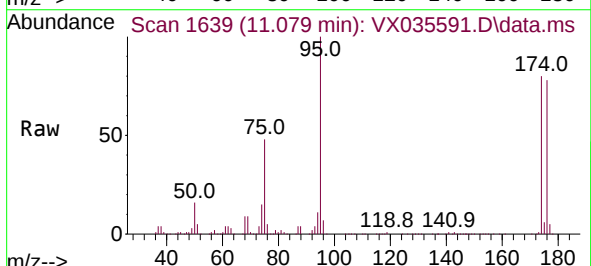
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

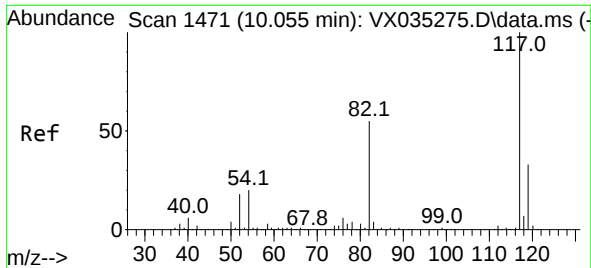
Tgt Ion: 98 Resp: 583526
Ion Ratio Lower Upper
98 100
100 68.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion: 95 Resp: 227405
Ion Ratio Lower Upper
95 100
174 83.2 0.0 147.4
176 80.2 0.0 140.6

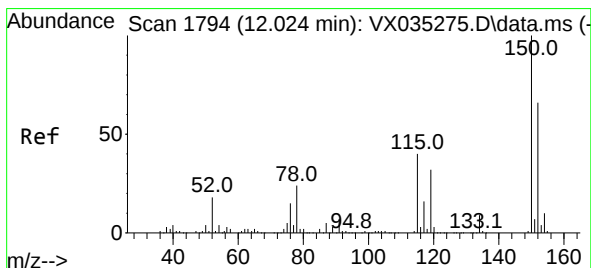
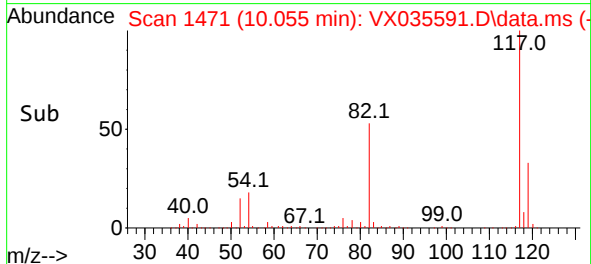
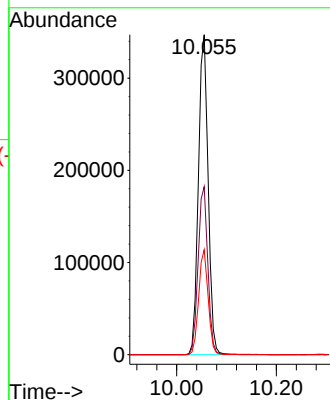
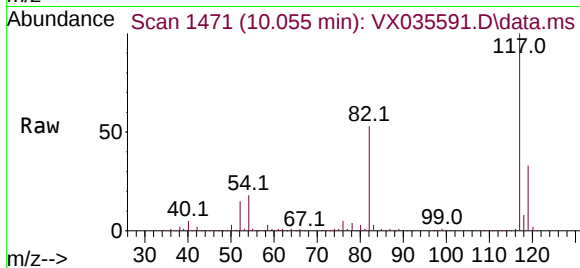




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

Tgt Ion:117 Resp: 470088
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 32.8 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: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion:152 Resp: 229055
Ion Ratio Lower Upper
152 100
115 57.0 45.0 135.0
150 155.0 0.0 352.4

