

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035593.D
 Acq On : 10 May 2023 17:56
 Operator : JC/MD
 Sample : 02746-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051023

Quant Time: May 11 04:29:22 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	309142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	499478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156904	42.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.140%
35) Dibromofluoromethane	5.385	113	154160	50.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.647	98	573047	49.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	223244	51.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.640%

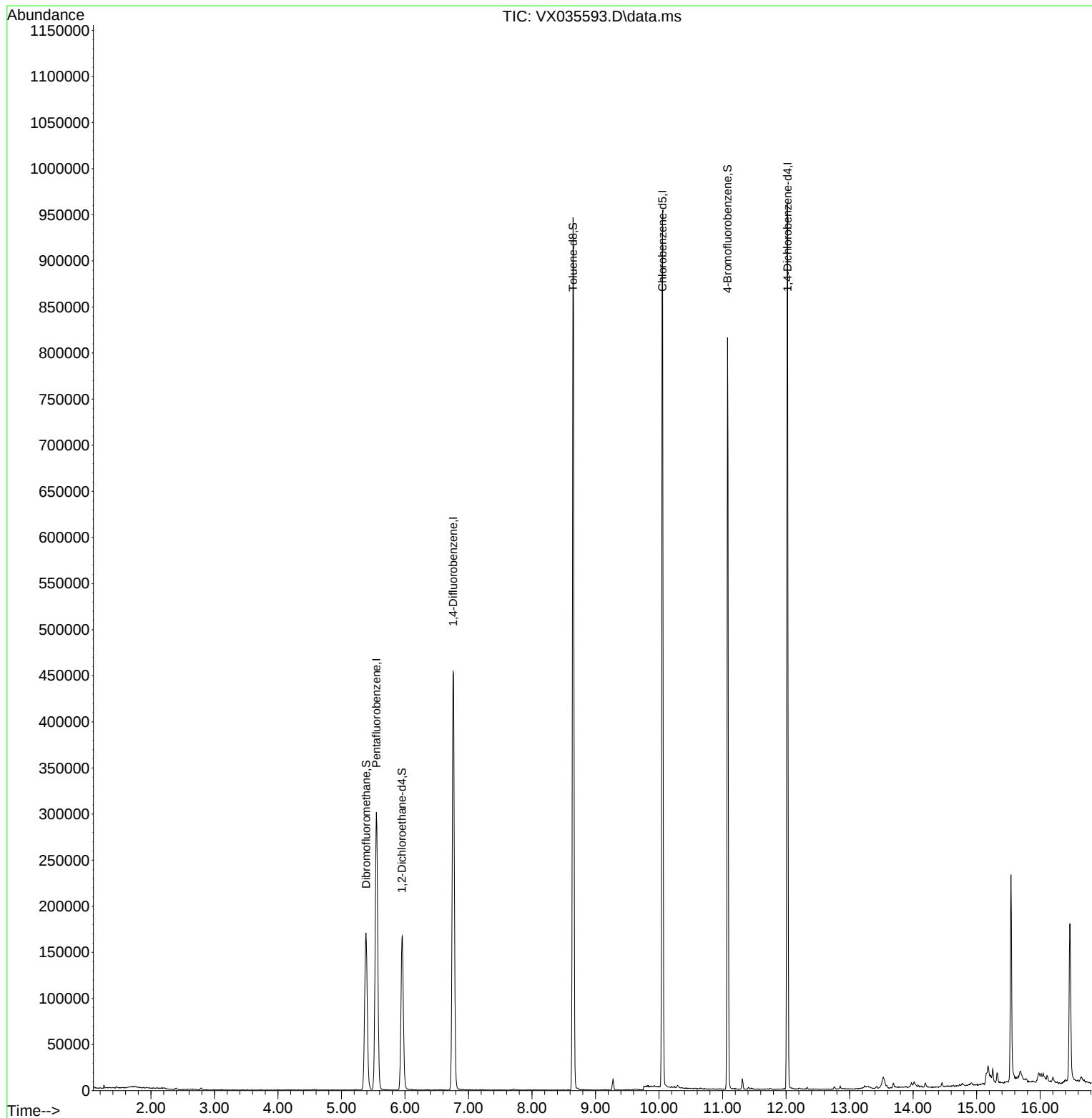
Target Compounds	Qvalue

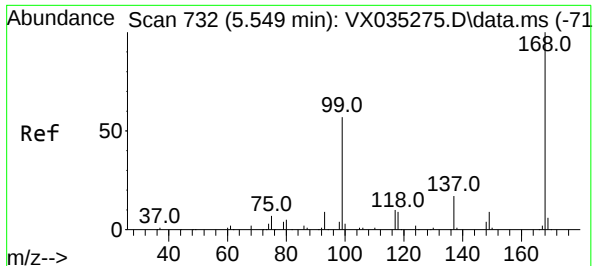
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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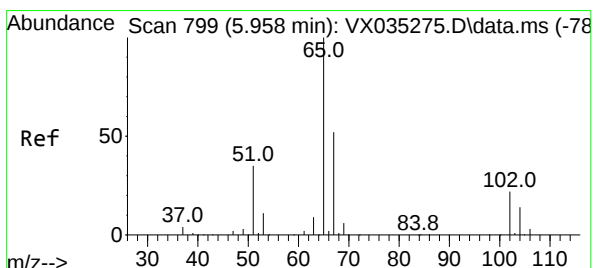
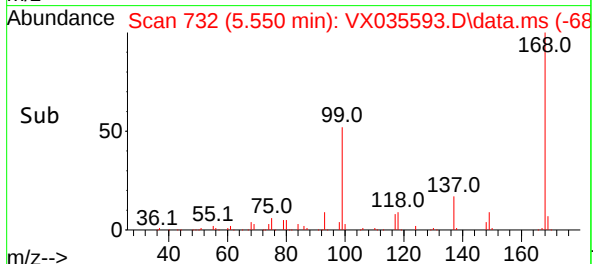
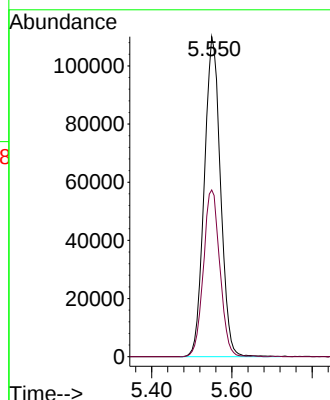
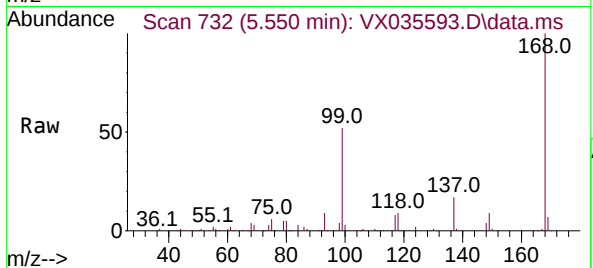




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

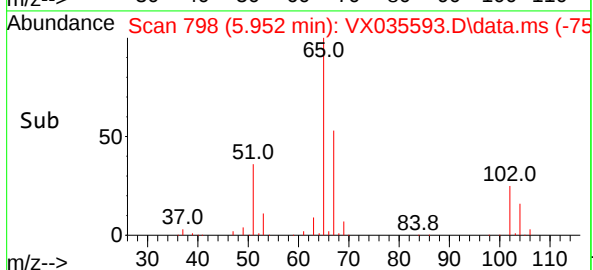
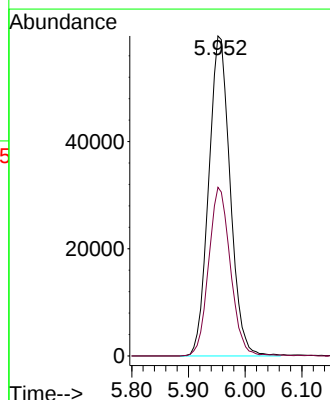
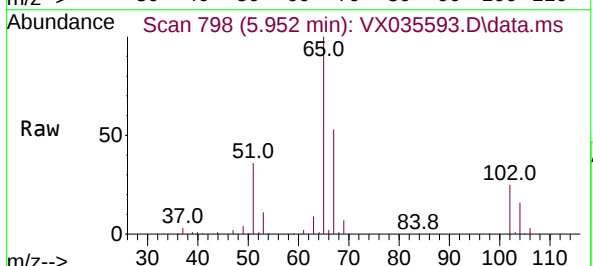
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

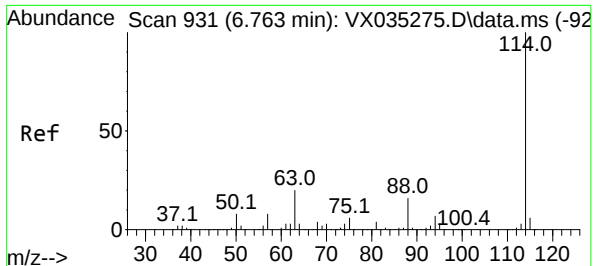
Tgt Ion:168 Resp: 309142
Ion Ratio Lower Upper
168 100
99 52.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 42.070 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 65 Resp: 156904
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.0

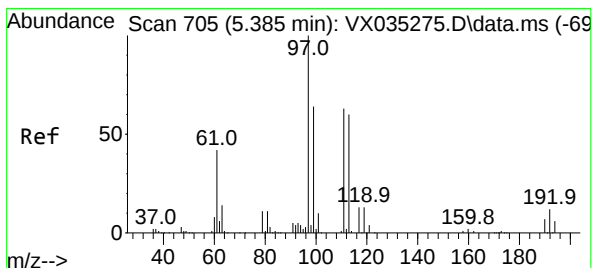
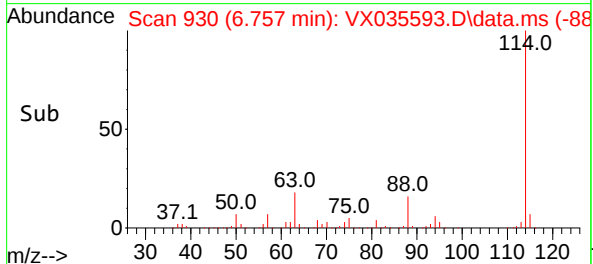
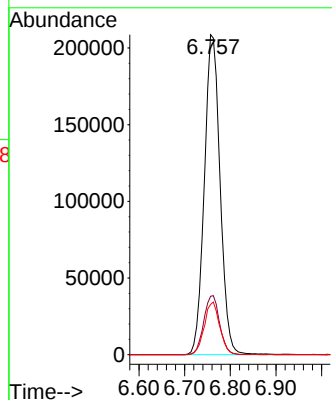
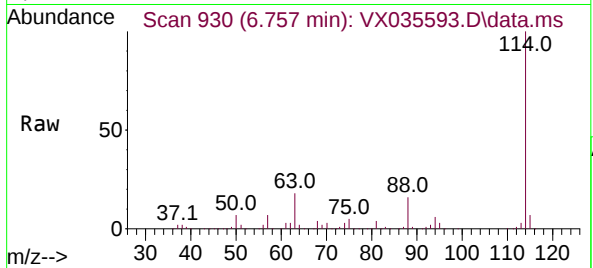




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

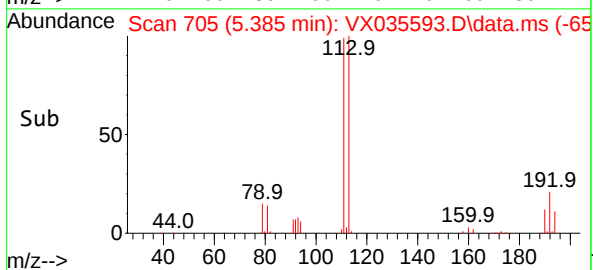
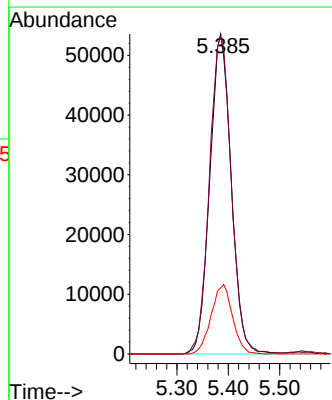
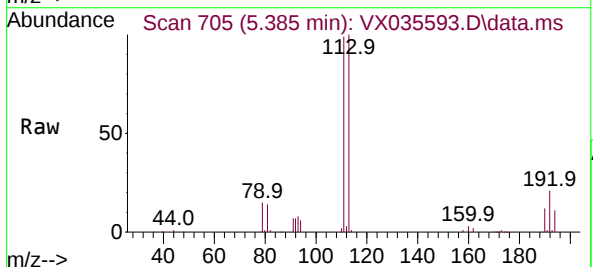
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

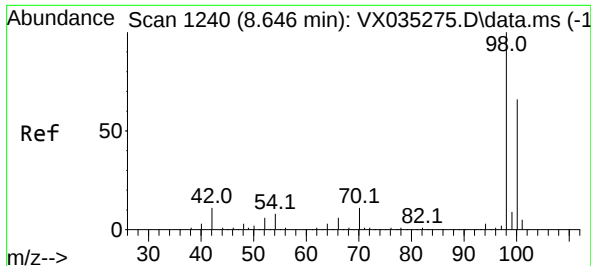
Tgt Ion:114 Resp: 499478
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion:113 Resp: 154160
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 21.8 15.4 23.2

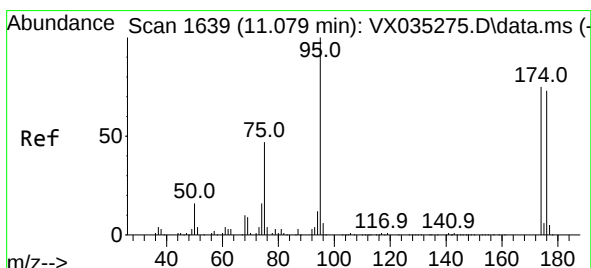
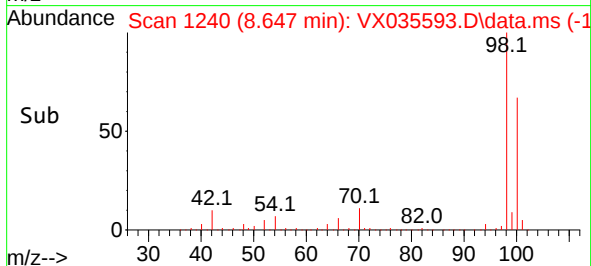
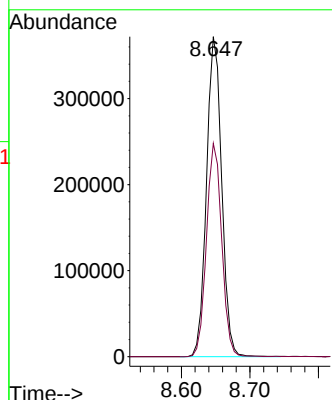
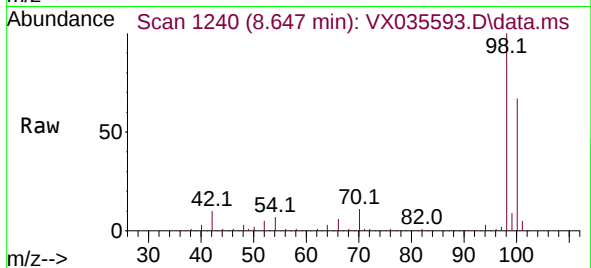




#50
Toluene-d8
Concen: 49.552 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

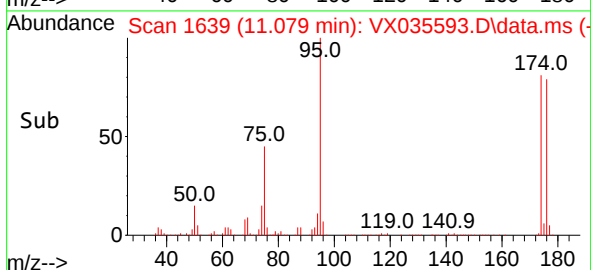
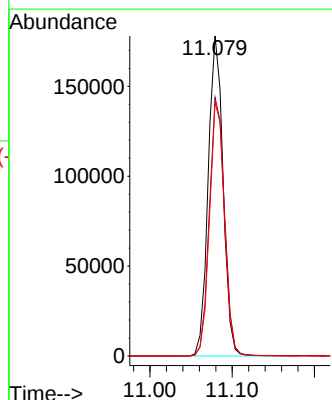
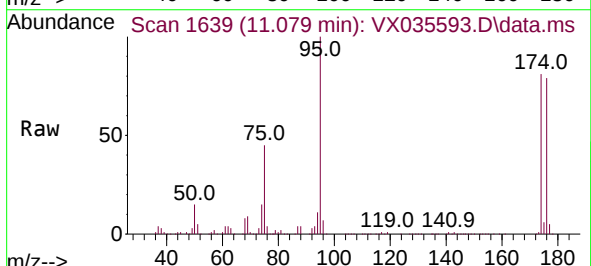
Instrument :
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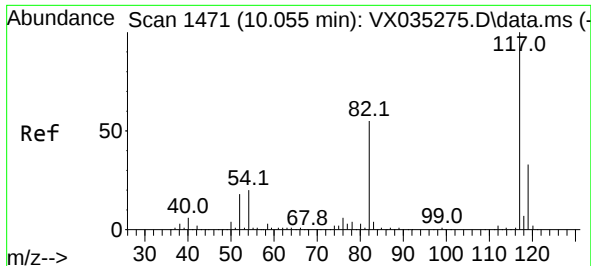
Tgt Ion: 98 Resp: 573047
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 95 Resp: 223244
Ion Ratio Lower Upper
95 100
174 82.5 0.0 147.4
176 80.0 0.0 140.6

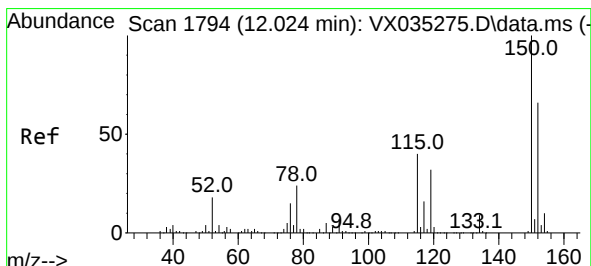
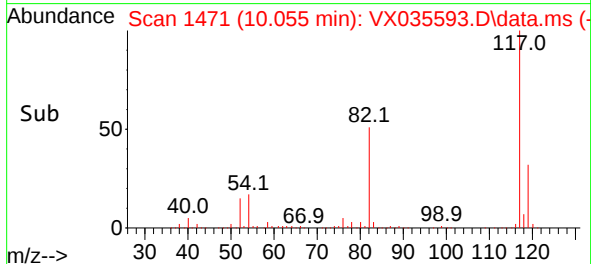
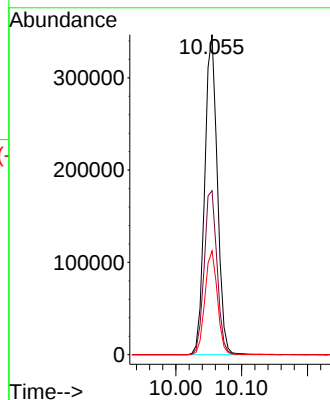
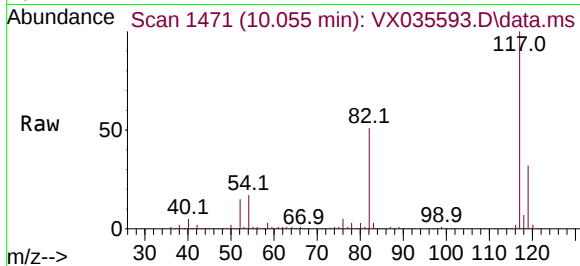




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

Tgt Ion:117 Resp: 462856
Ion Ratio Lower Upper
117 100
82 51.3 45.0 67.4
119 32.4 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: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion:152 Resp: 222135
Ion Ratio Lower Upper
152 100
115 57.7 45.0 135.0
150 156.3 0.0 352.4

