

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035558.D
 Acq On : 08 May 2023 14:27
 Operator : JC/MD
 Sample : 02643-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 09 03:43:43 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	251521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151141	49.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.385	113	128950	51.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.647	98	484431	51.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.460%
62) 4-Bromofluorobenzene	11.079	95	185644	52.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%

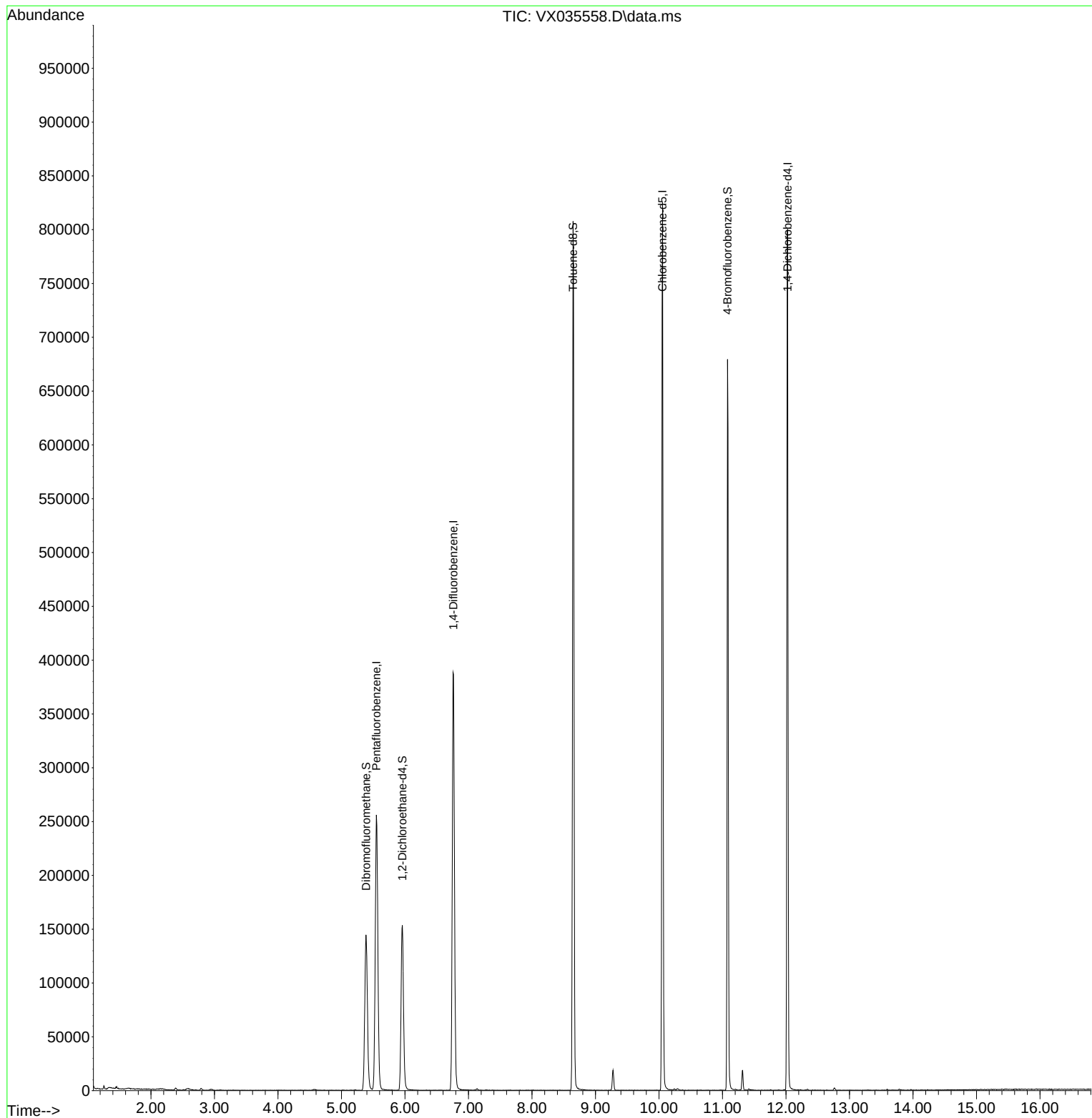
Target Compounds	Qvalue

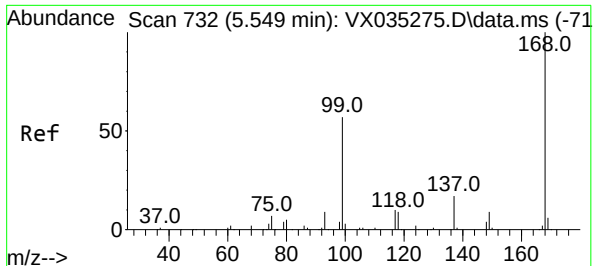
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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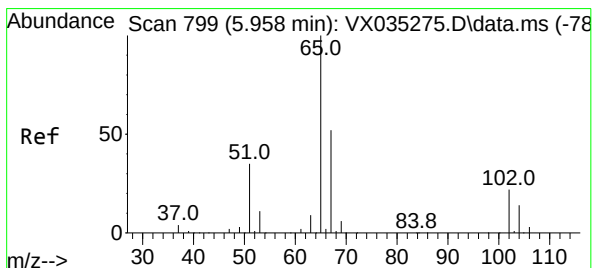
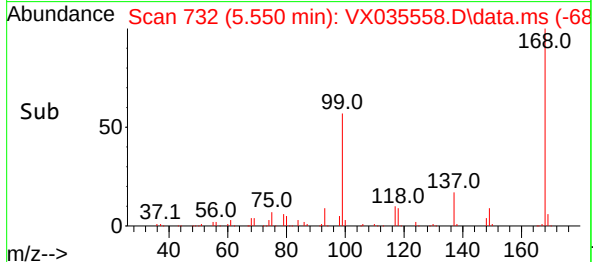
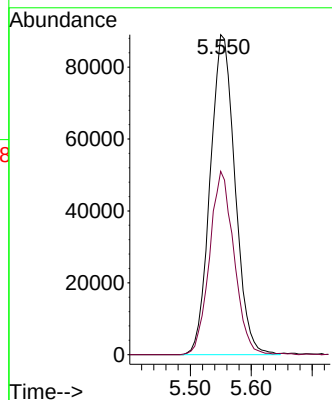
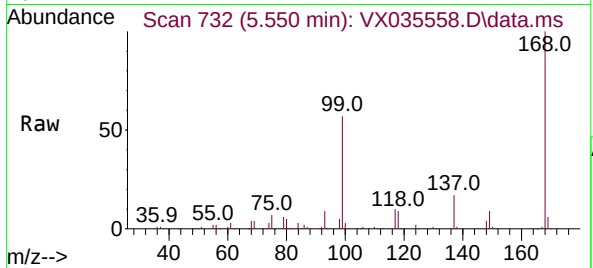




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

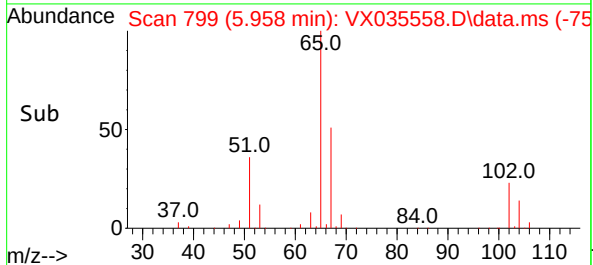
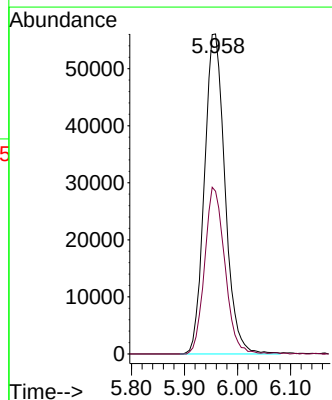
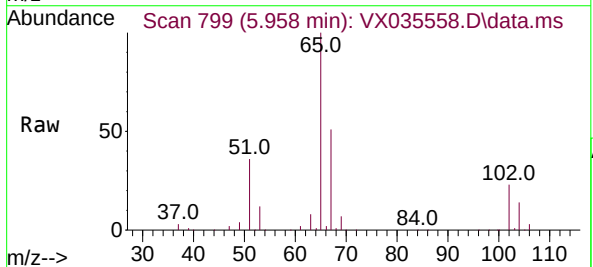
Instrument :
MSVOA_X
ClientSampleId :
TB

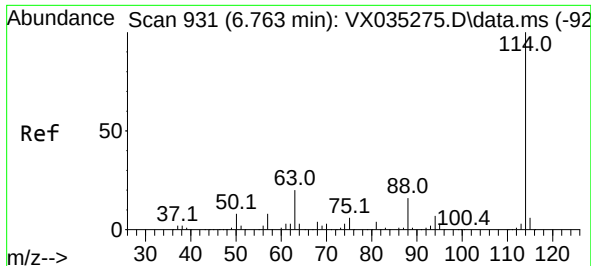
Tgt Ion:168 Resp: 251521
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.808 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion: 65 Resp: 151141
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

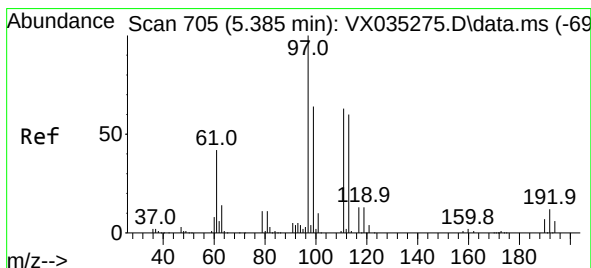
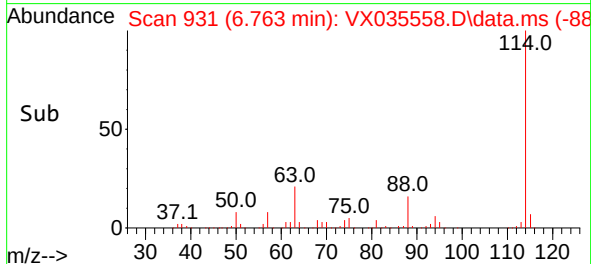
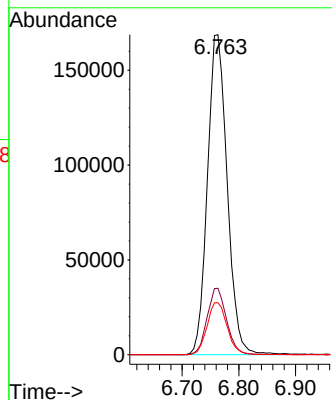
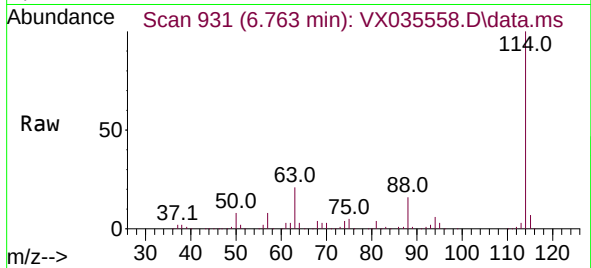




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

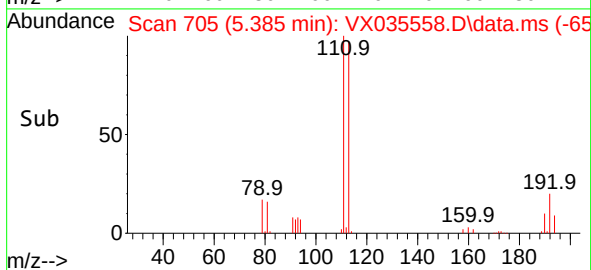
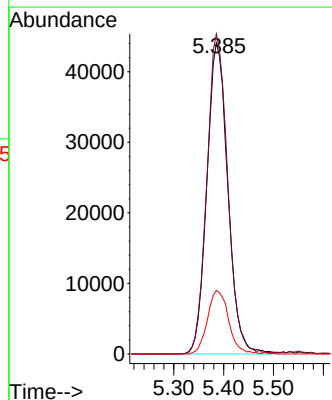
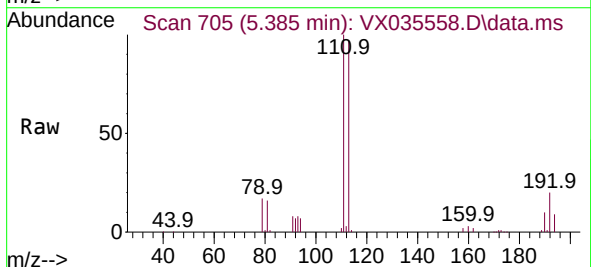
Instrument :
MSVOA_X
ClientSampleId :
TB

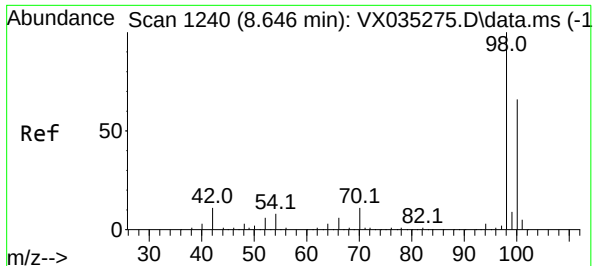
Tgt Ion:114 Resp: 408375
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.447 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion:113 Resp: 128950
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 20.5 15.4 23.2

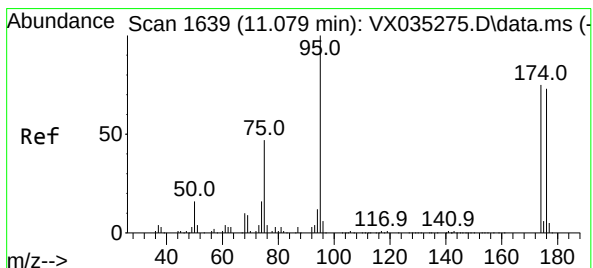
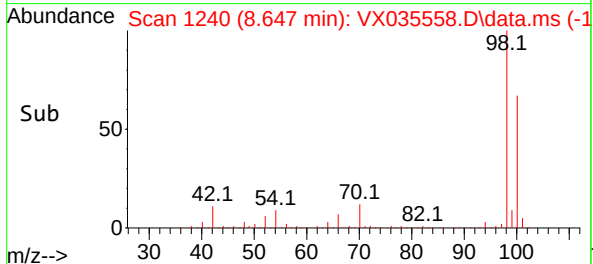
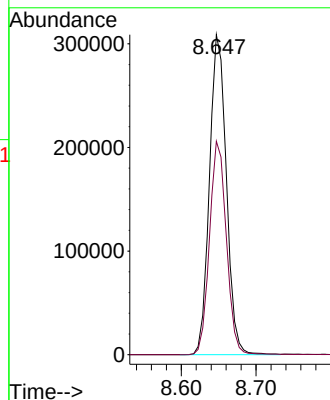
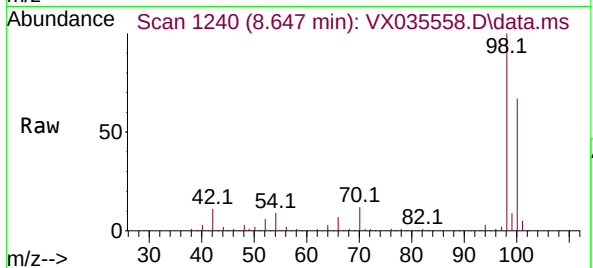




#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

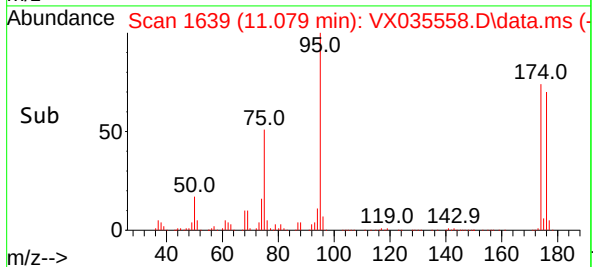
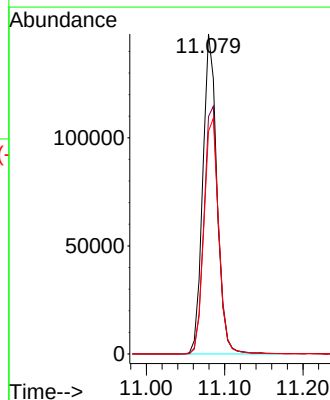
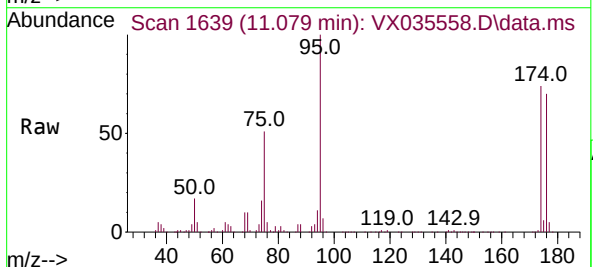
Instrument :
MSVOA_X
ClientSampleId :
TB

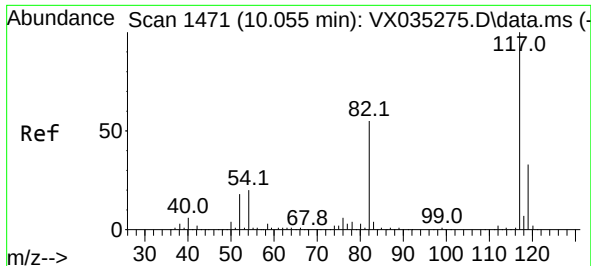
Tgt Ion: 98 Resp: 484431
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion: 95 Resp: 185644
Ion Ratio Lower Upper
95 100
174 80.2 0.0 147.4
176 76.8 0.0 140.6

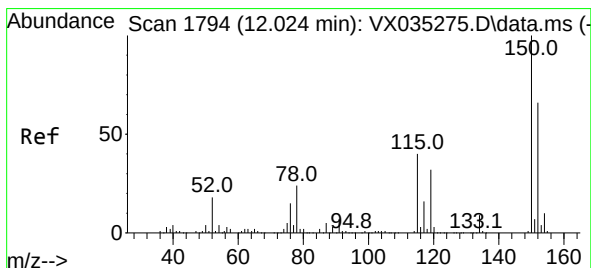
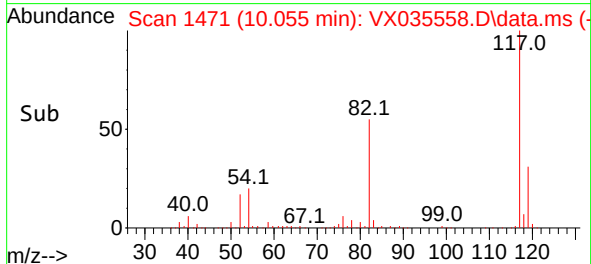
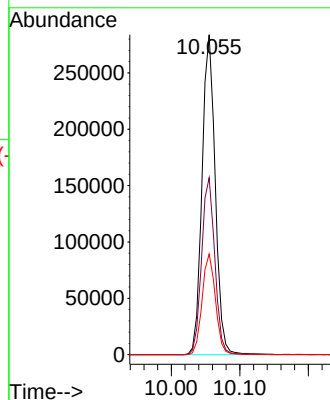
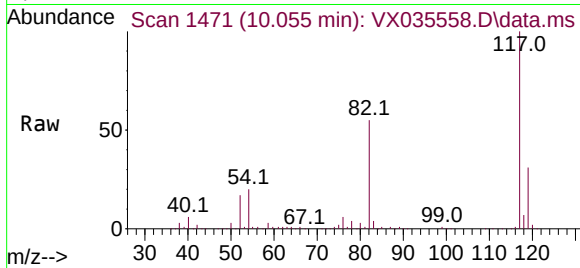




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 381142
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.4 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: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion:152 Resp: 177523
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 157.6 0.0 352.4

