

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035498.D
 Acq On : 03 May 2023 10:34
 Operator : JC/MD
 Sample : VX0503WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBL01

Quant Time: May 03 15:17:19 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	253418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	411428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146328	47.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	126136	49.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	8.647	98	497117	52.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.380%
62) 4-Bromofluorobenzene	11.079	95	189625	52.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.840%

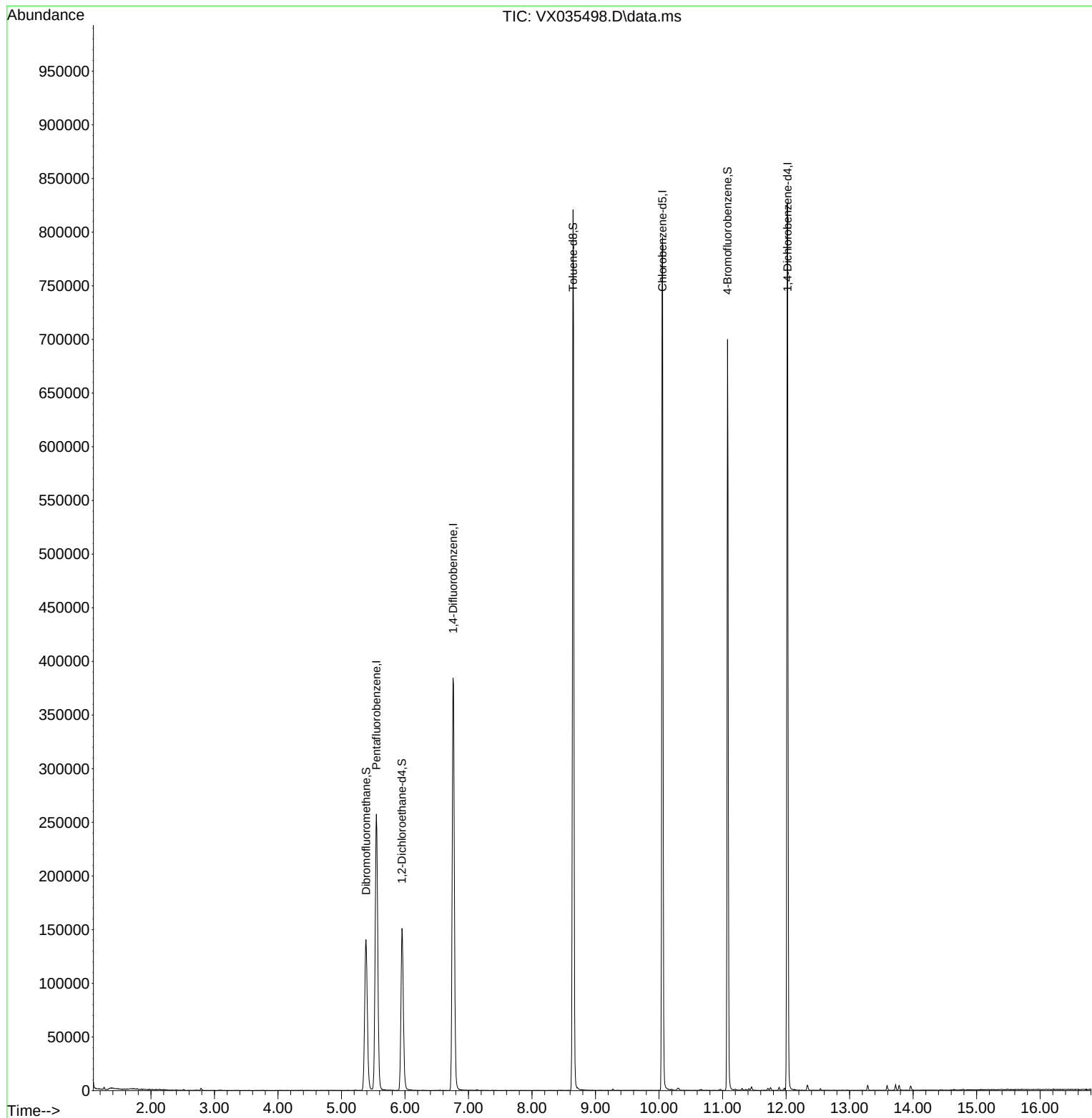
Target Compounds	Qvalue

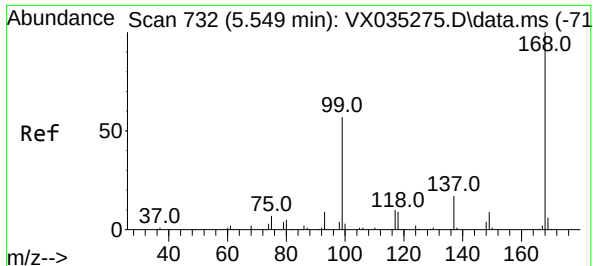
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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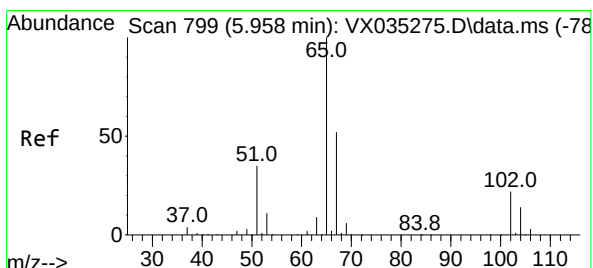
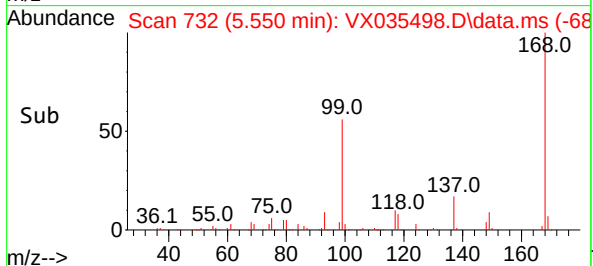
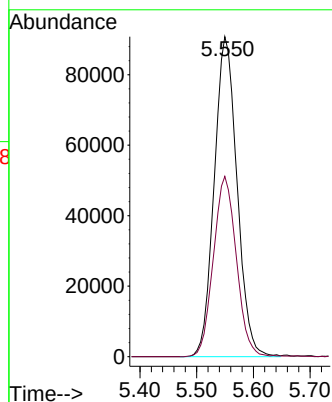
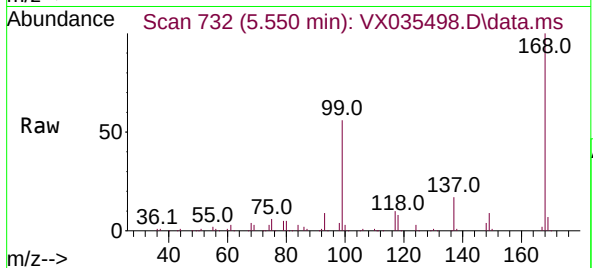




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

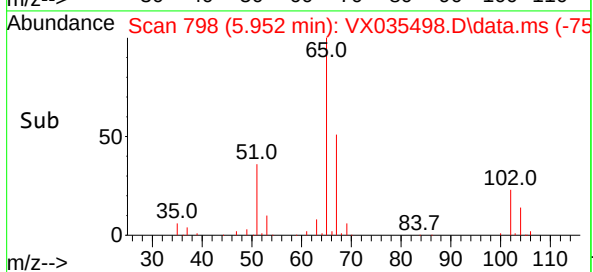
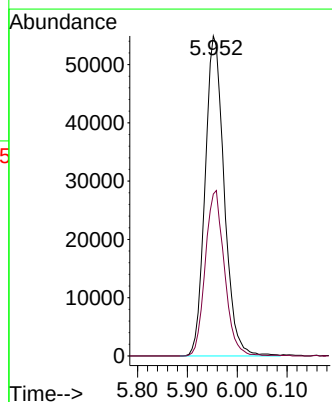
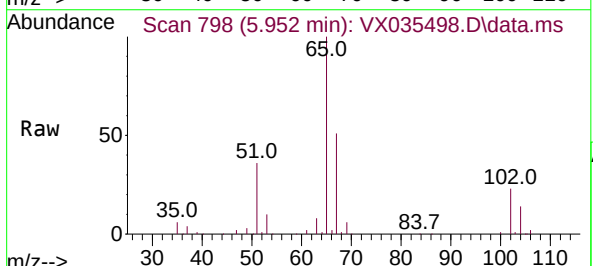
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

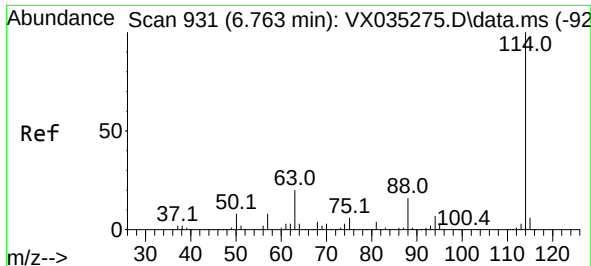
Tgt Ion:168 Resp: 253418
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 47.861 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

Tgt Ion: 65 Resp: 146328
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

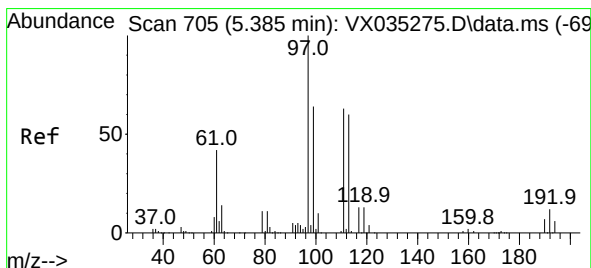
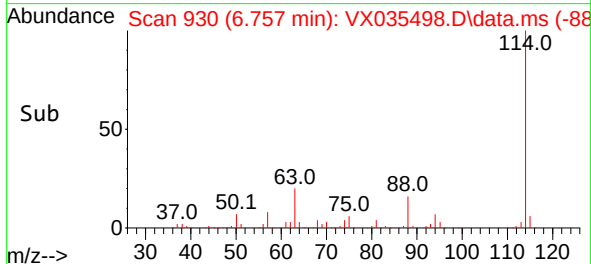
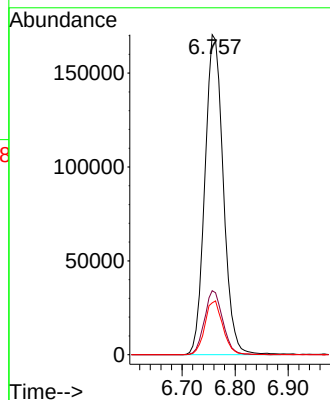
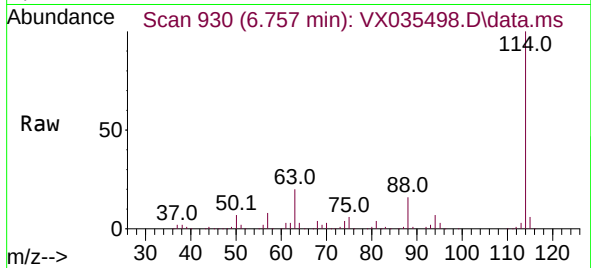




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

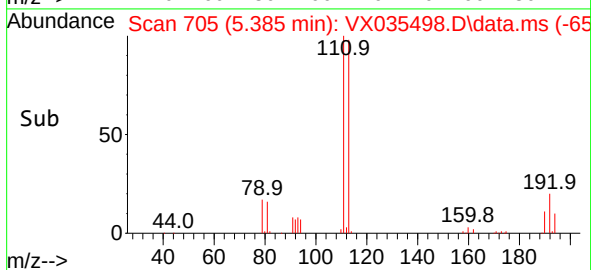
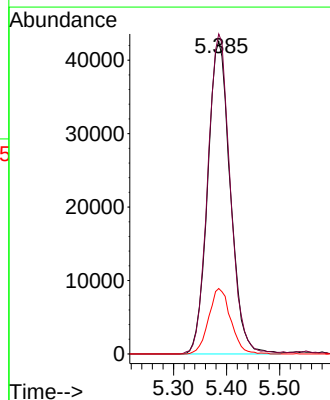
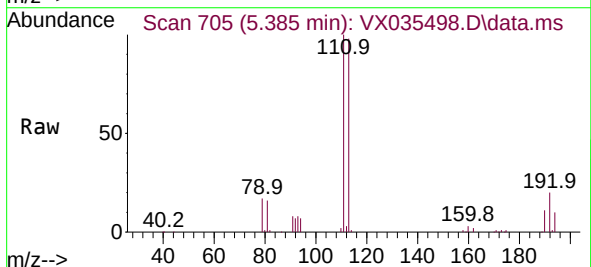
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

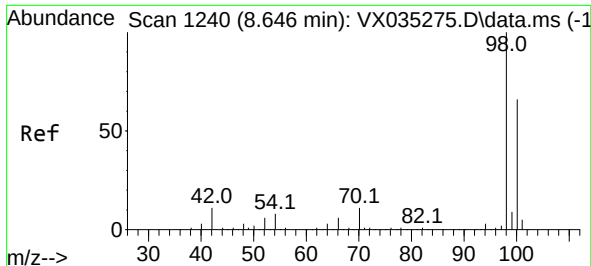
Tgt Ion:114 Resp: 411428
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.950 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

Tgt Ion:113 Resp: 126136
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.4 15.4 23.2

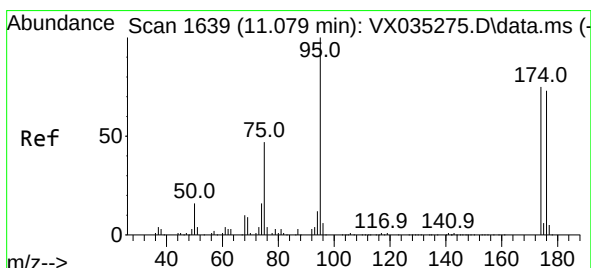
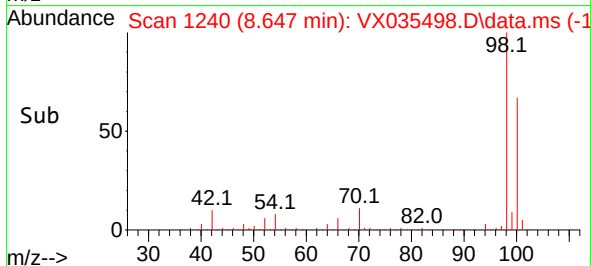
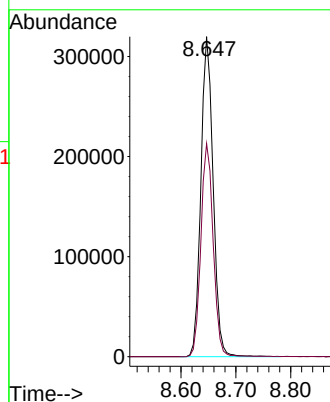
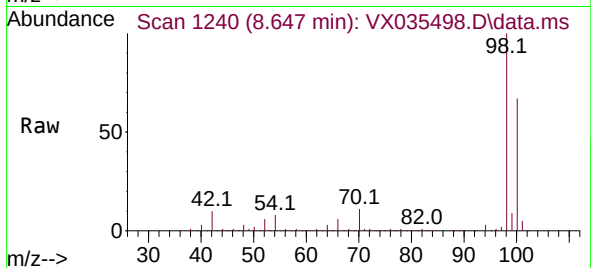




#50
Toluene-d8
Concen: 52.185 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

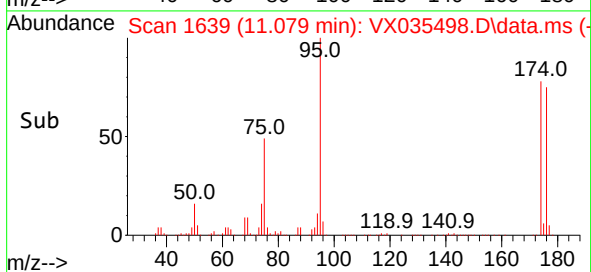
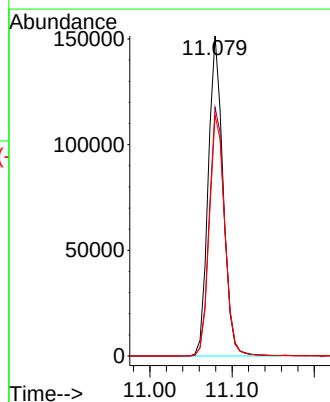
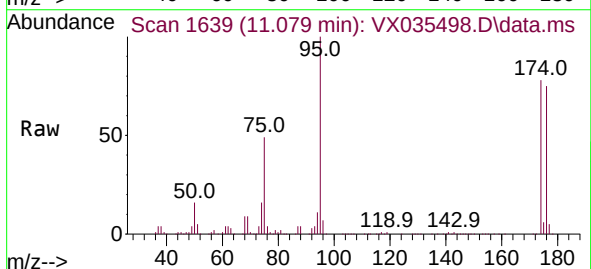
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01

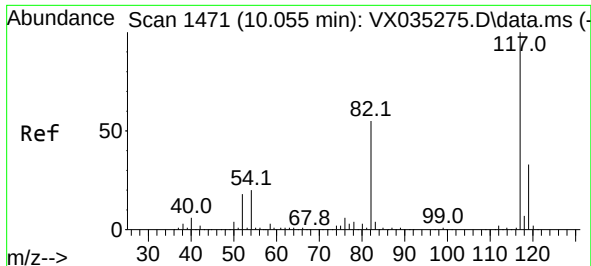
Tgt Ion: 98 Resp: 497117
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

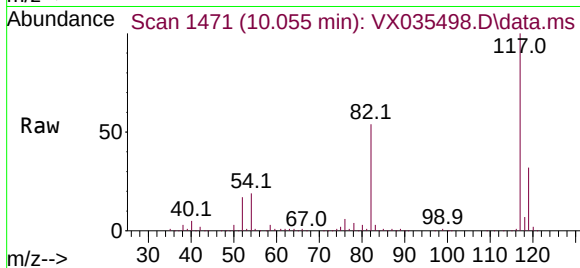
Tgt Ion: 95 Resp: 189625
Ion Ratio Lower Upper
95 100
174 80.9 0.0 147.4
176 78.2 0.0 140.6



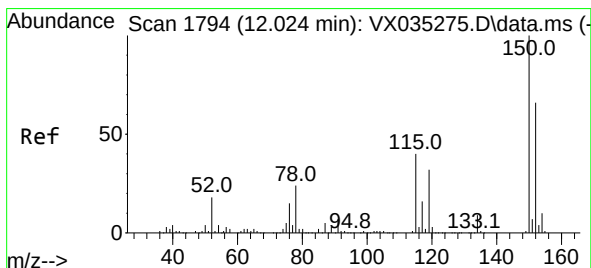
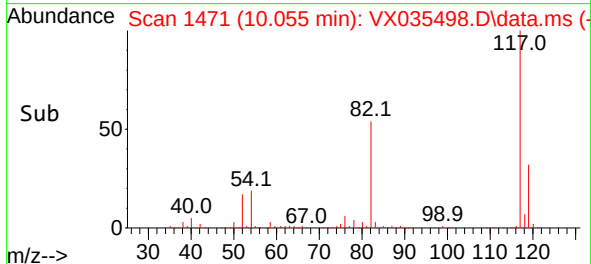
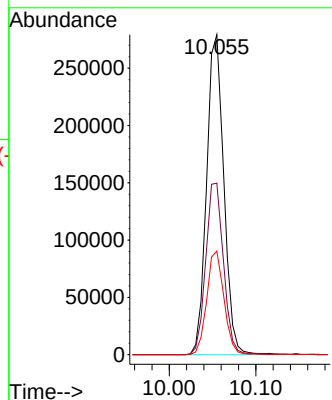


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035498.D
Acq: 03 May 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBL01



Tgt Ion:117 Resp: 385751
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.3 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: VX035498.D
Acq: 03 May 2023 10:34

Tgt Ion:152 Resp: 187895
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 154.7 0.0 352.4

