

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035515.D
 Acq On : 03 May 2023 17:20
 Operator : JC/MD
 Sample : 02561-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 04 04:00:43 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	218394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126424	47.982	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.960%
35) Dibromofluoromethane	5.385	113	107320	50.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.647	98	408368	50.454	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	158120	51.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%

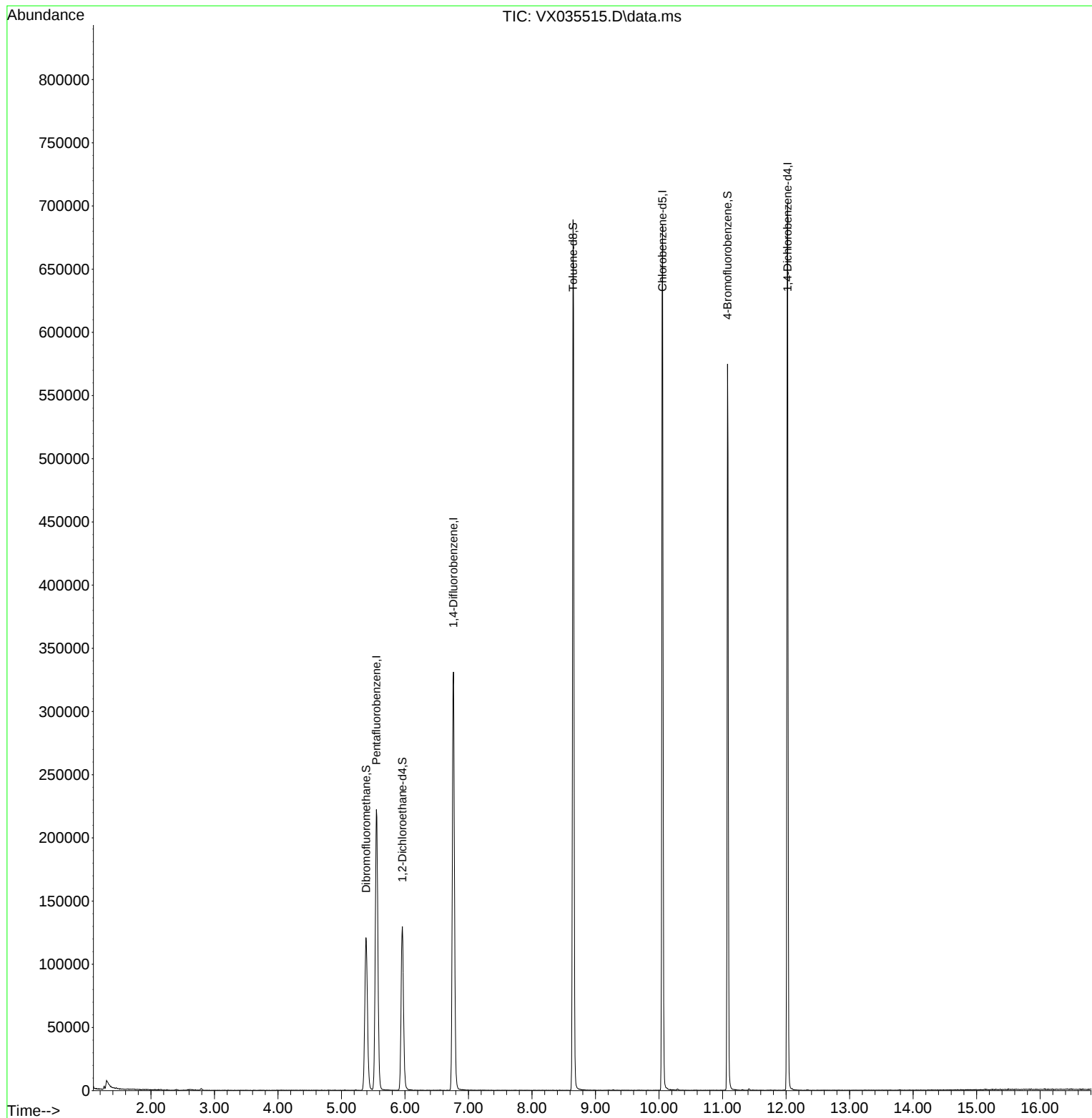
Target Compounds	Qvalue

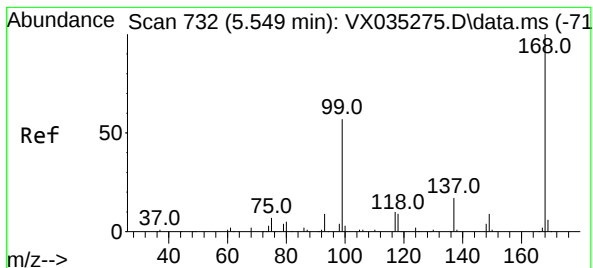
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

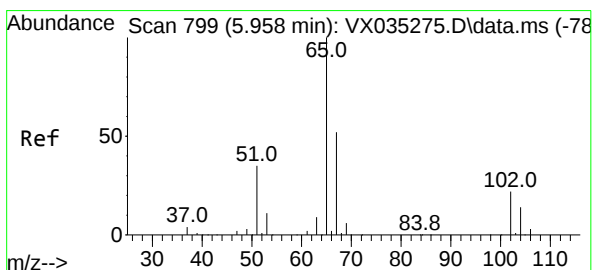
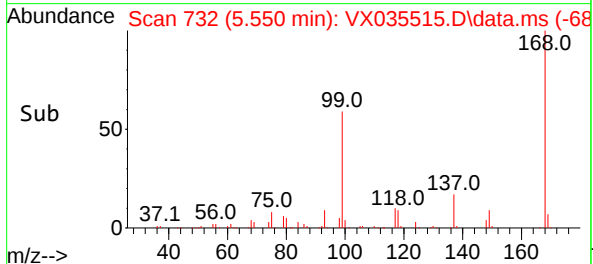
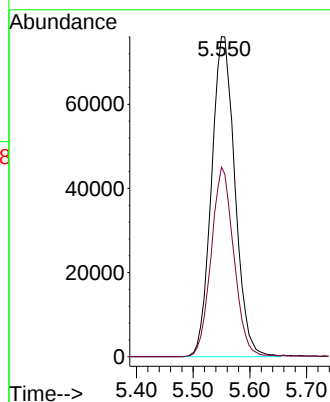
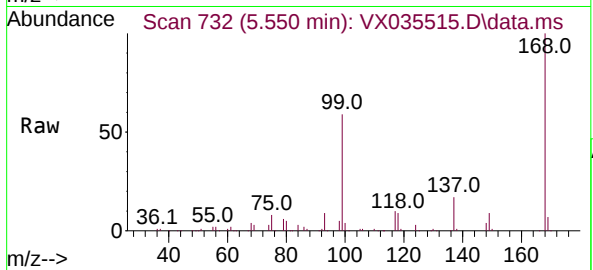
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 218394

Ion Ratio Lower Upper

168 100

99 59.3 45.7 68.5



#33

1,2-Dichloroethane-d4

Concen: 47.982 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035515.D

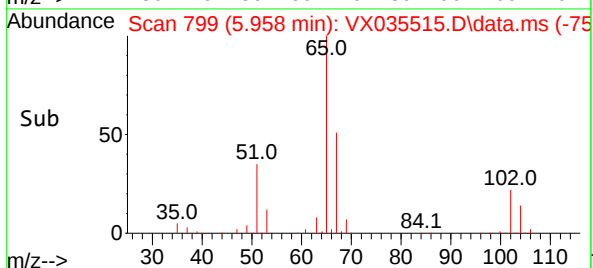
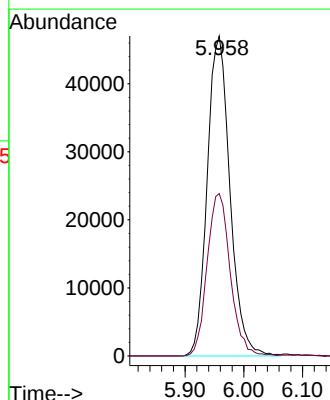
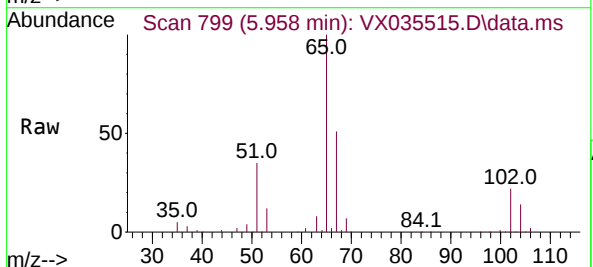
Acq: 03 May 2023 17:20

Tgt Ion: 65 Resp: 126424

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0

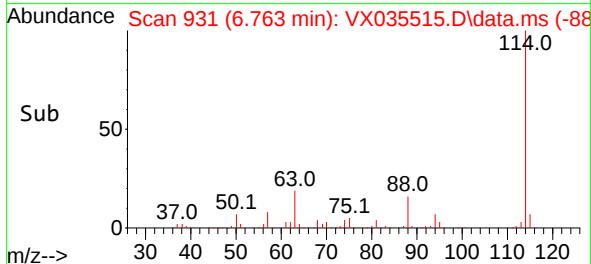
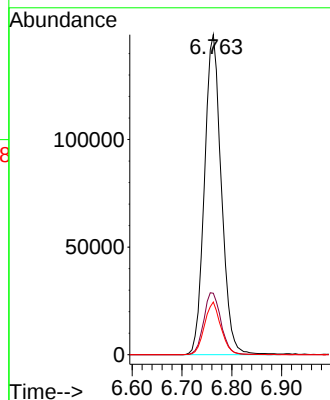
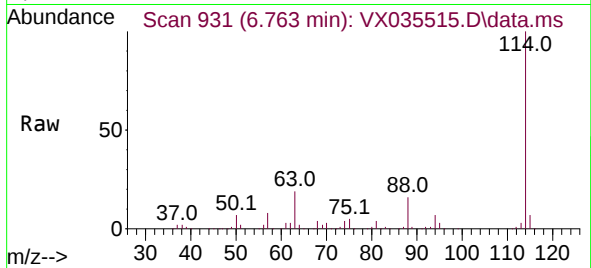




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

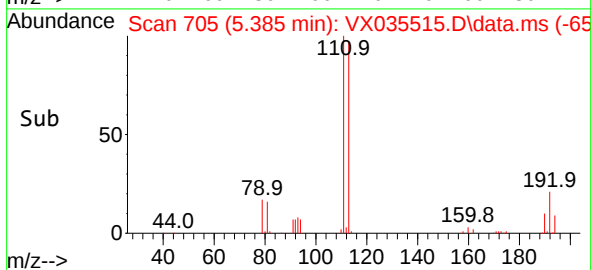
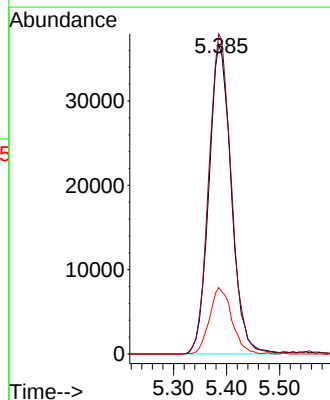
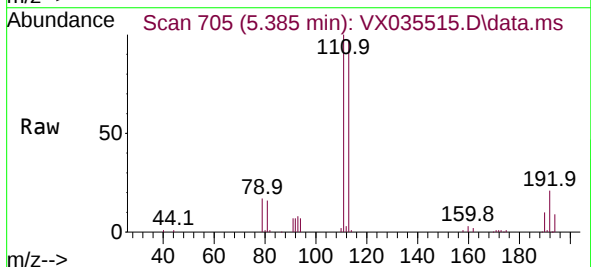
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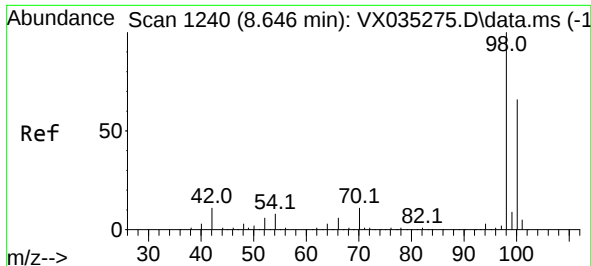
Tgt Ion:114 Resp: 349578
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion:113 Resp: 107320
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 21.4 15.4 23.2

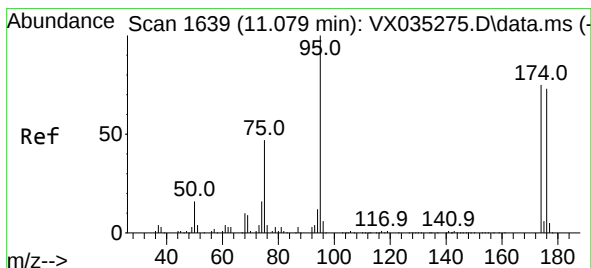
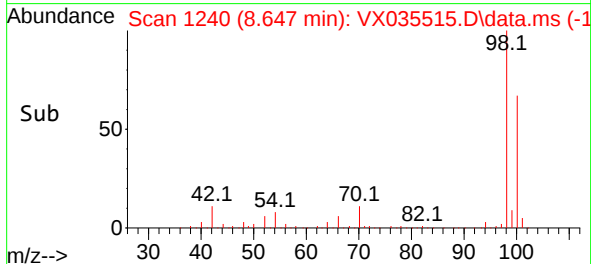
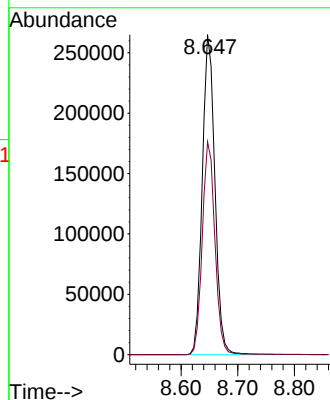
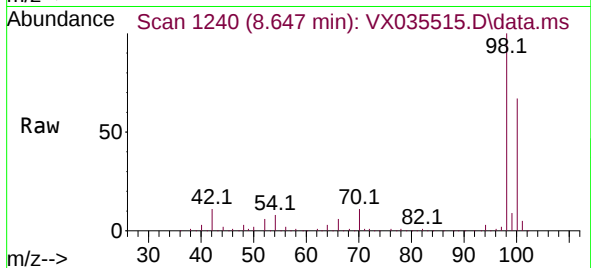




#50
Toluene-d8
Concen: 50.454 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

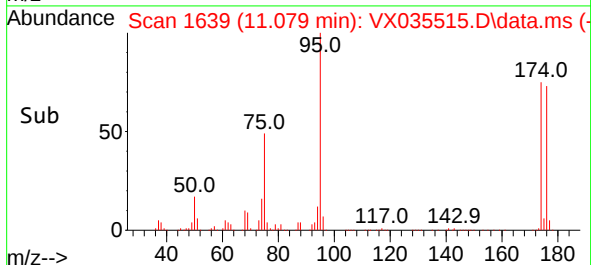
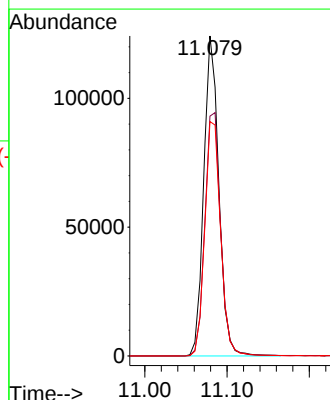
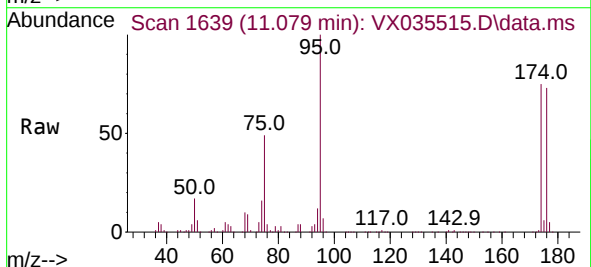
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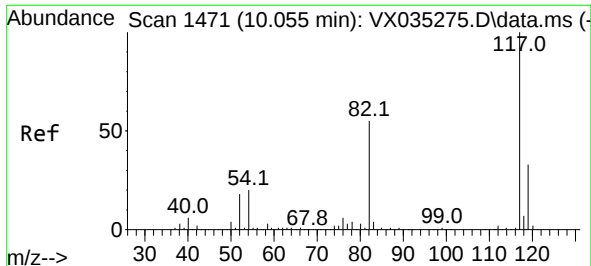
Tgt Ion: 98 Resp: 408368
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion: 95 Resp: 158120
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 77.2 0.0 140.6

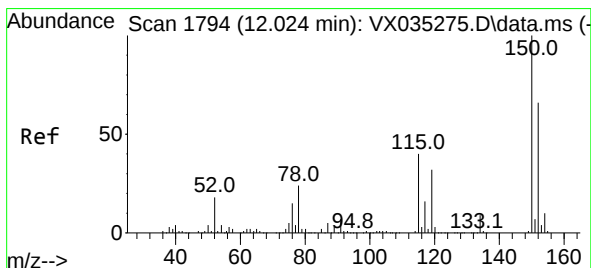
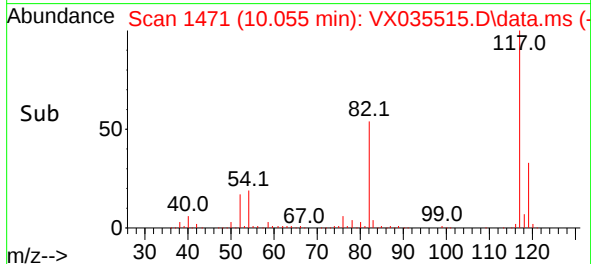
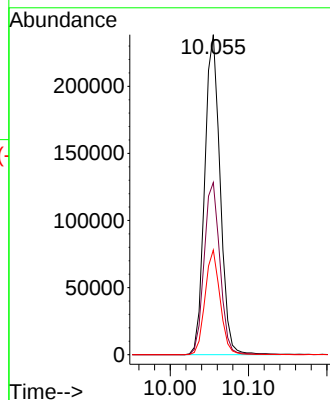
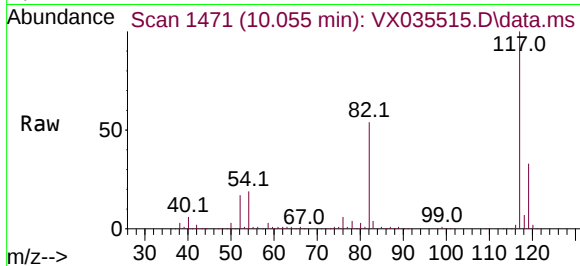




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 325472
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.7 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: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion:152 Resp: 157468
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 156.6 0.0 352.4

