

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034514.D
 Acq On : 15 Mar 2023 17:32
 Operator : JC/MD
 Sample : 01909-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AM

Quant Time: Mar 16 05:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	243303	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	413296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161919	45.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.385	113	127380	46.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	494659	48.559	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	185449	45.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%

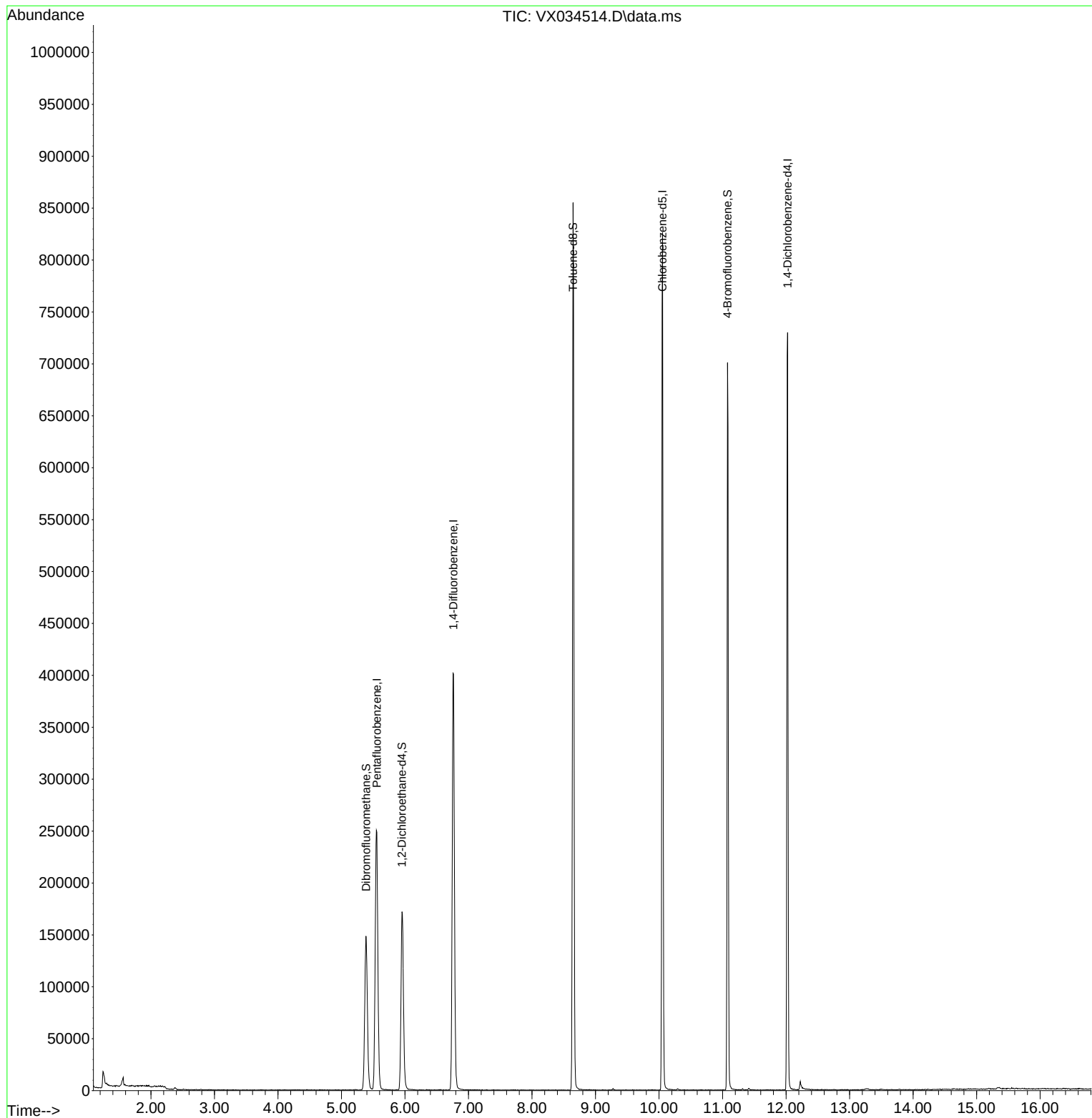
Target Compounds	Qvalue

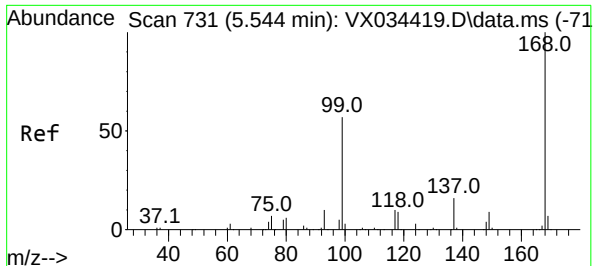
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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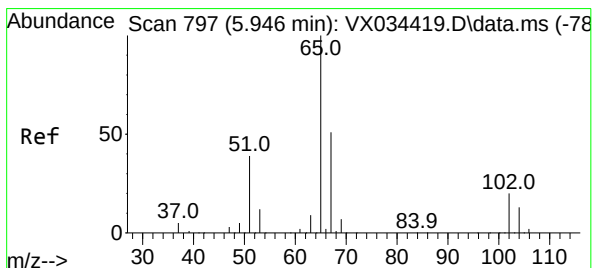
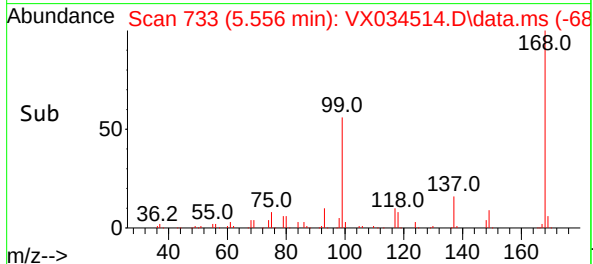
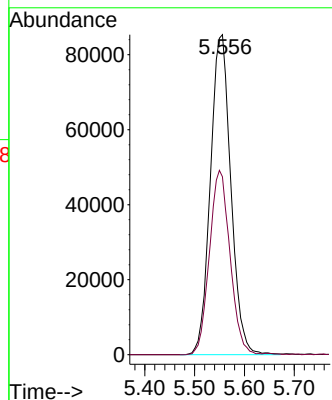
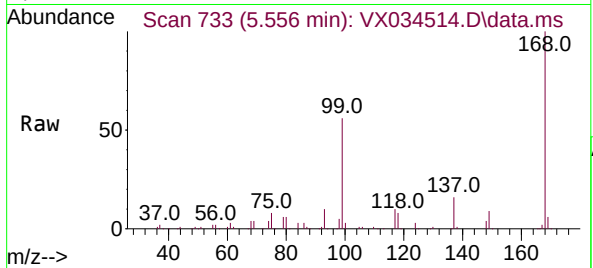




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.012 min
Lab File: VX034514.D
Acq: 15 Mar 2023 17:32

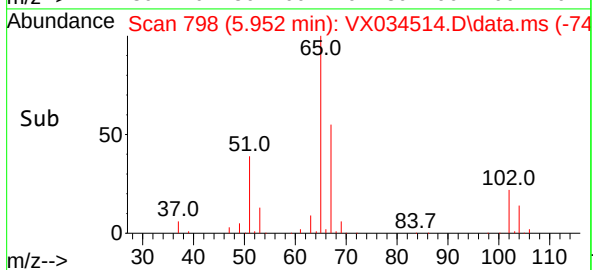
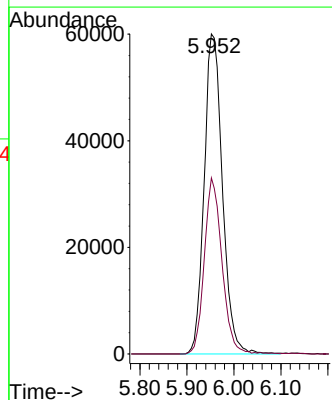
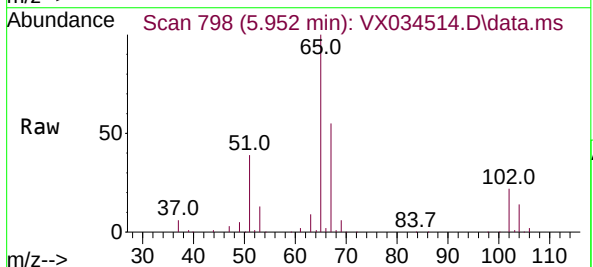
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AM

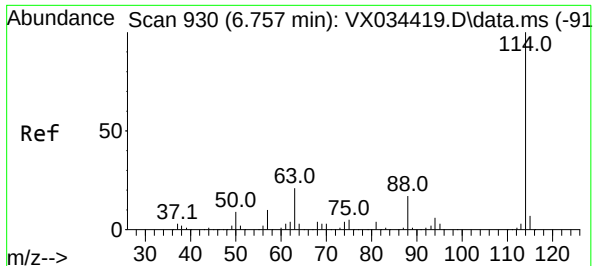
Tgt Ion:168 Resp: 243303
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 45.745 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034514.D
Acq: 15 Mar 2023 17:32

Tgt Ion: 65 Resp: 161919
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034514.D

Acq: 15 Mar 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AM

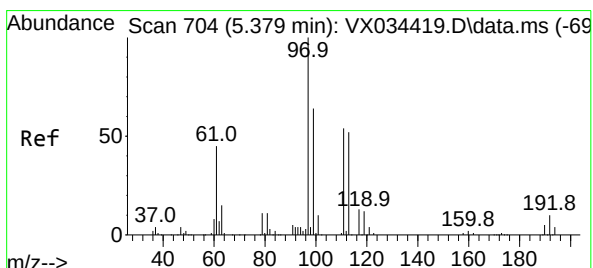
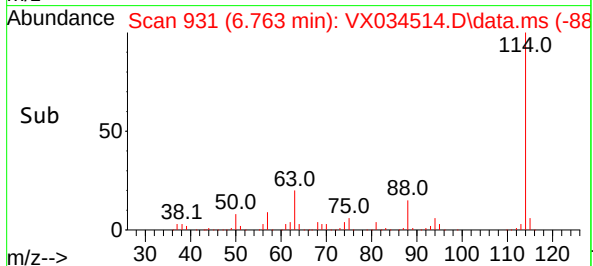
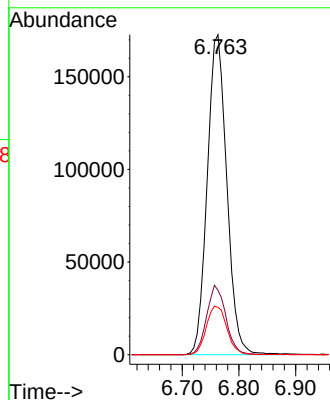
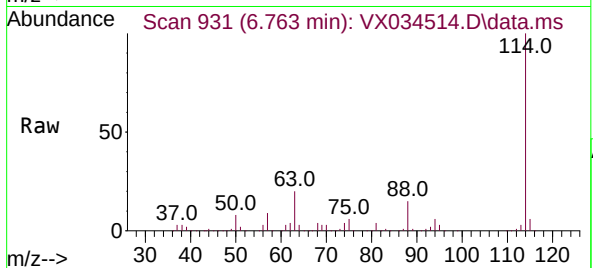
Tgt Ion:114 Resp: 413296

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.680 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034514.D

Acq: 15 Mar 2023 17:32

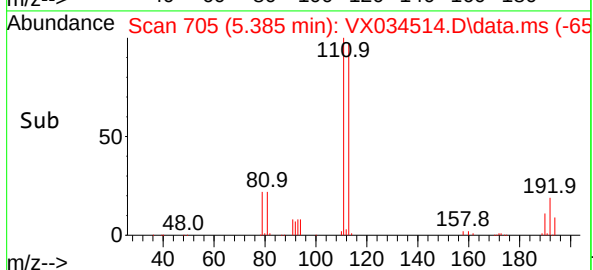
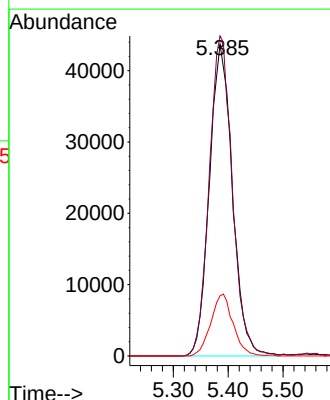
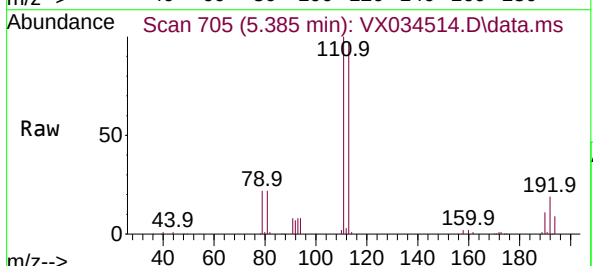
Tgt Ion:113 Resp: 127380

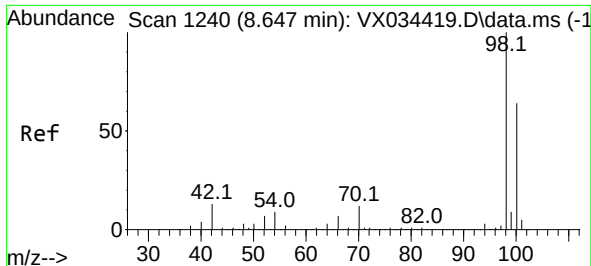
Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 19.2 15.4 23.2

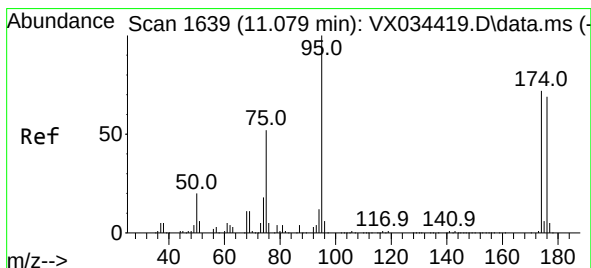
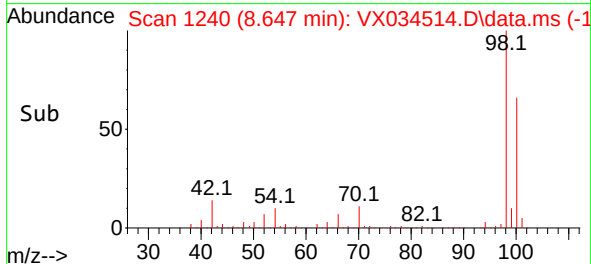
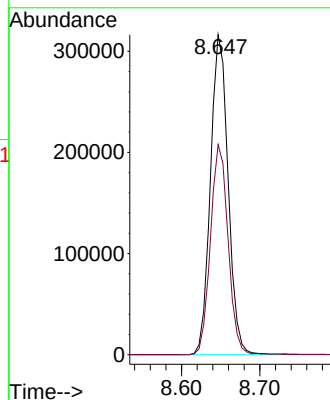
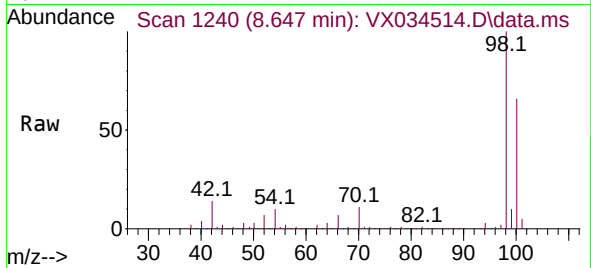




#50
Toluene-d8
Concen: 48.559 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034514.D
Acq: 15 Mar 2023 17:32

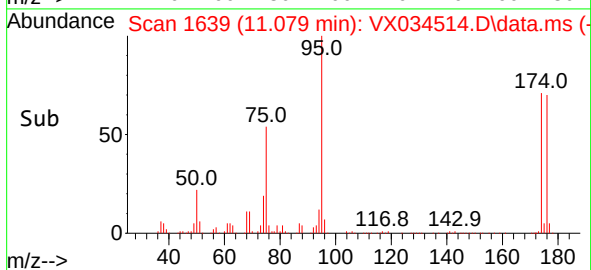
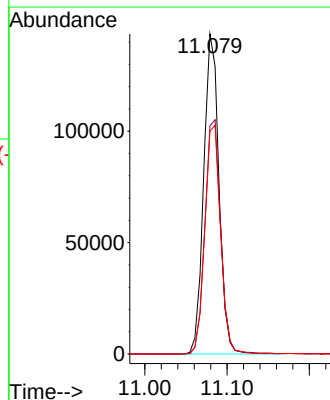
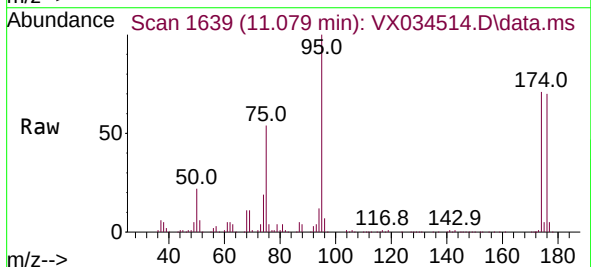
Instrument :
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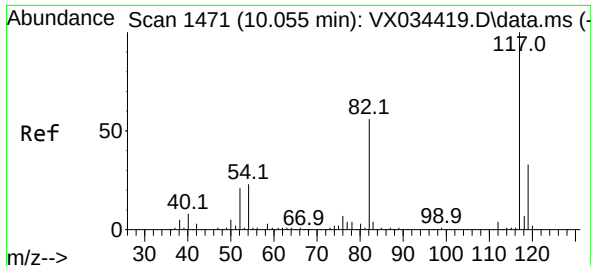
Tgt Ion: 98 Resp: 494659
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034514.D
Acq: 15 Mar 2023 17:32

Tgt Ion: 95 Resp: 185449
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 73.9 0.0 140.6

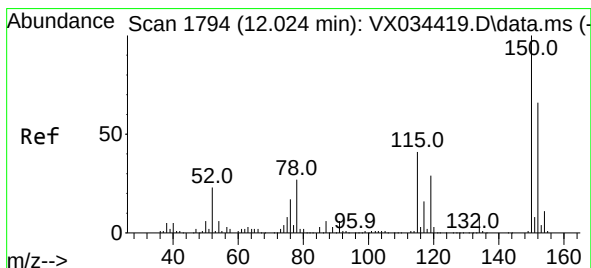
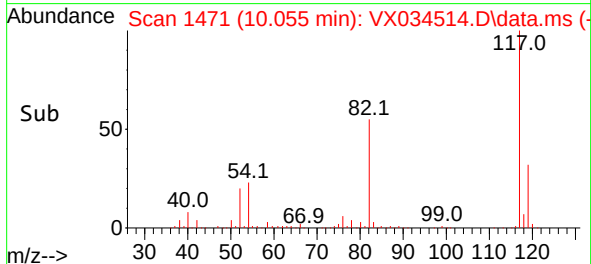
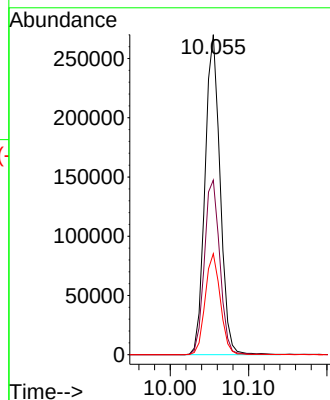
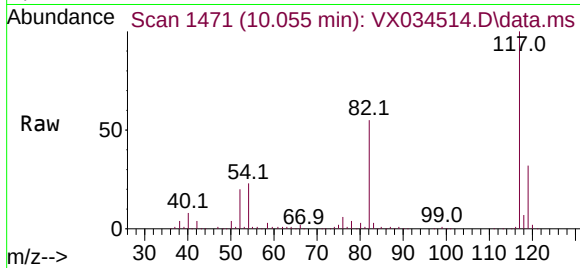




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034514.D
Acq: 15 Mar 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AM

Tgt Ion:117 Resp: 360985
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.5 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: VX034514.D
Acq: 15 Mar 2023 17:32

Tgt Ion:152 Resp: 151251
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 157.6 0.0 352.4

