

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034516.D
 Acq On : 15 Mar 2023 18:19
 Operator : JC/MD
 Sample : 01909-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 UPS-01-031023-AM

Quant Time: Mar 16 05:22:36 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	5.550	168	249435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169019	46.577	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.160%
35) Dibromofluoromethane	5.385	113	134269	47.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.647	98	519745	49.380	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	203093	47.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.540%

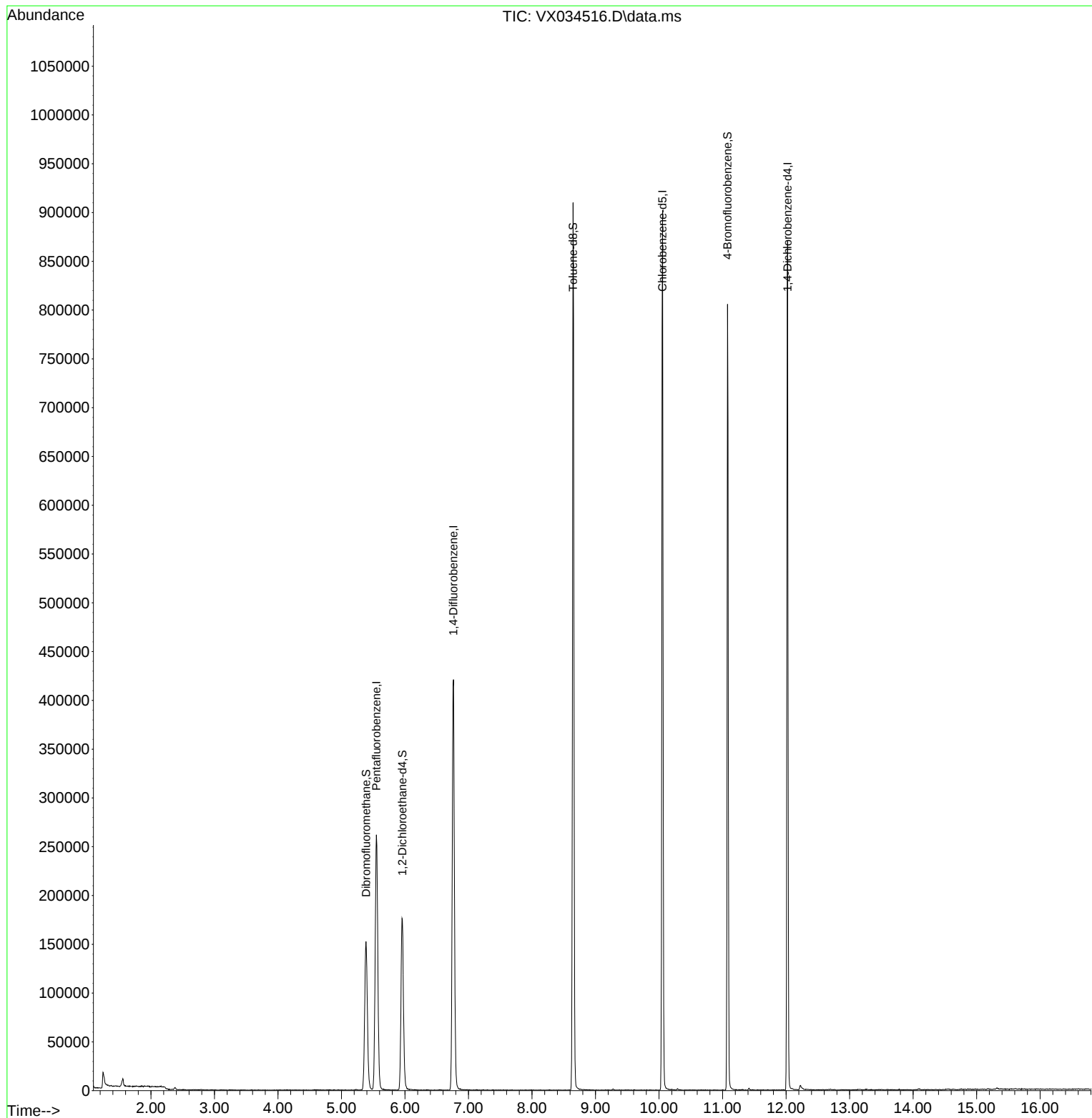
Target Compounds	Qvalue

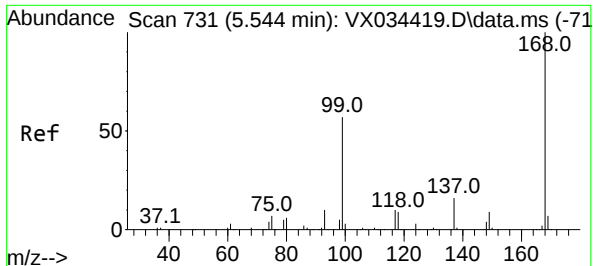
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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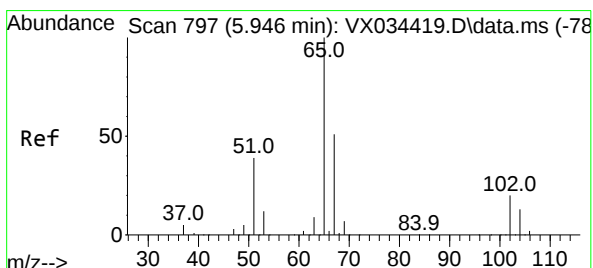
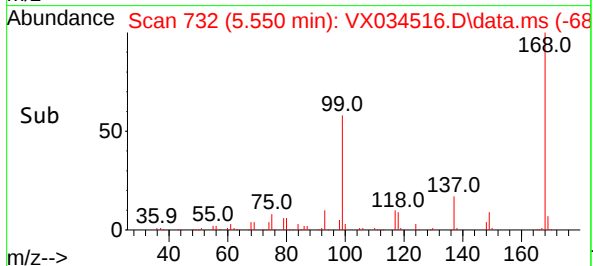
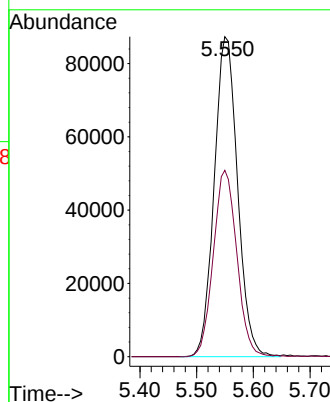
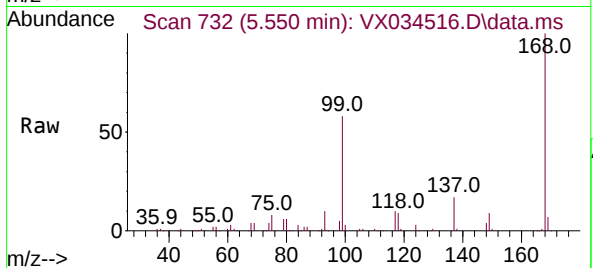




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

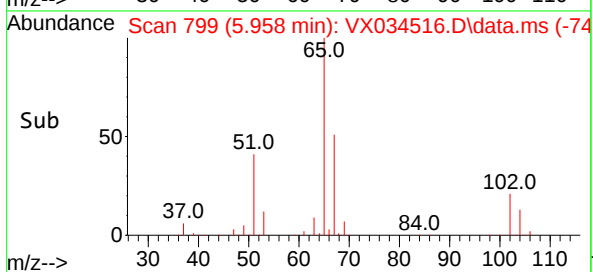
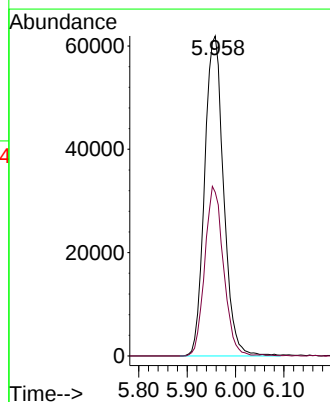
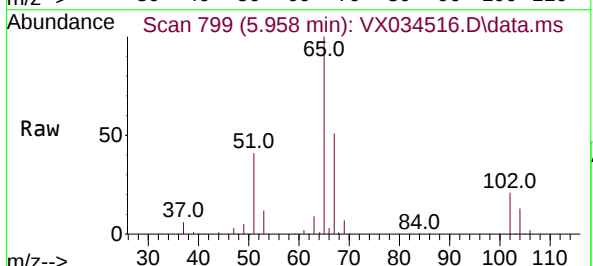
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

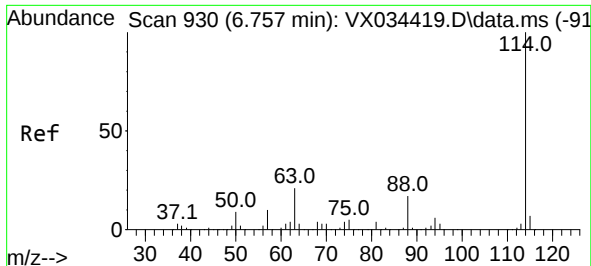
Tgt Ion:168 Resp: 249435
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 46.577 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion: 65 Resp: 169019
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

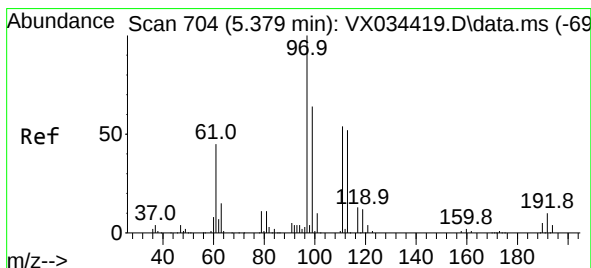
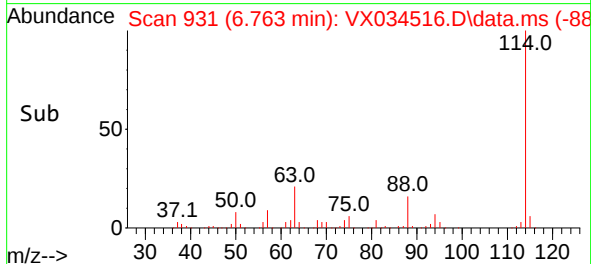
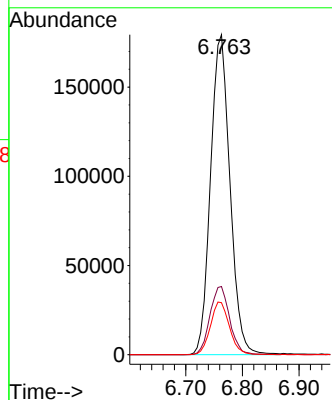
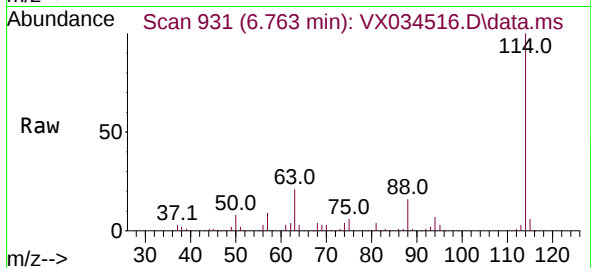




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

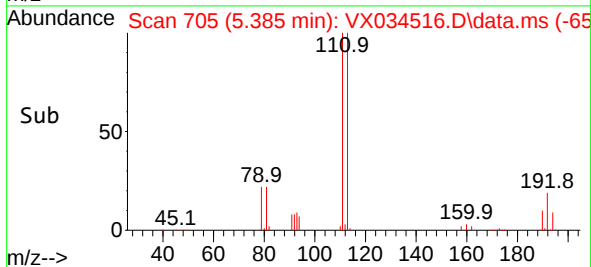
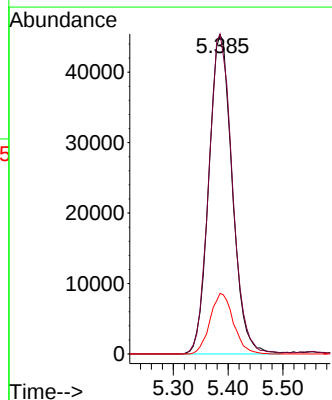
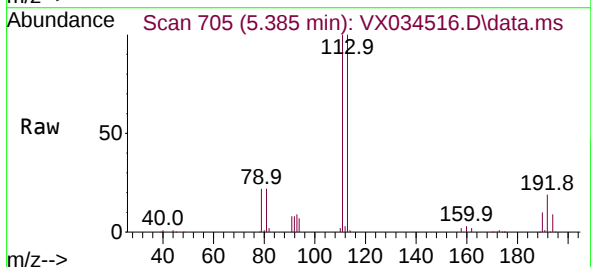
Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

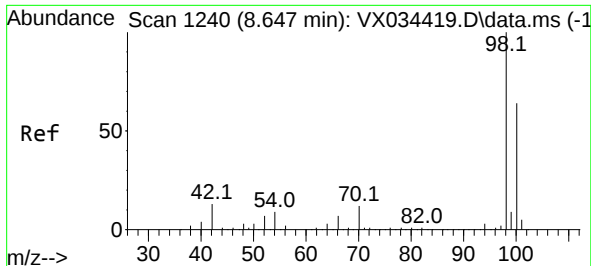
Tgt Ion:114 Resp: 427040
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion:113 Resp: 134269
Ion Ratio Lower Upper
113 100
111 100.8 83.7 125.5
192 18.9 15.4 23.2





#50

Toluene-d8

Concen: 49.380 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034516.D

Acq: 15 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

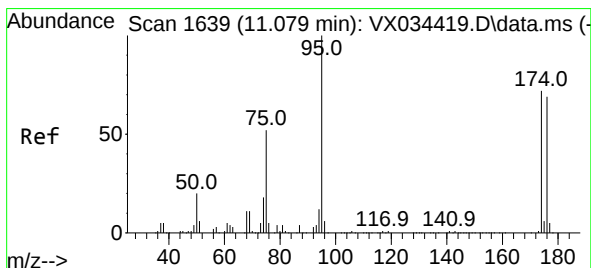
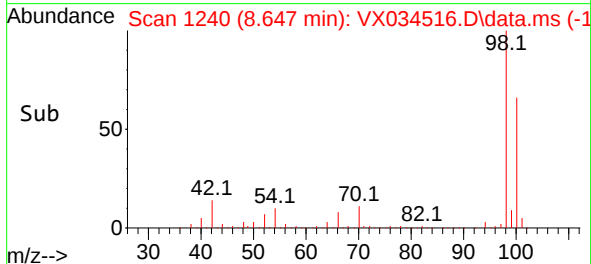
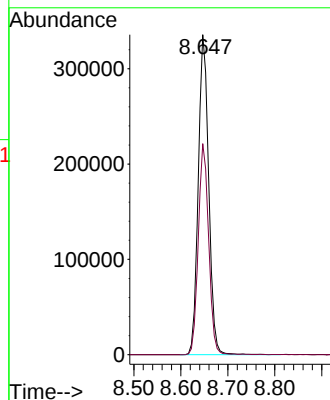
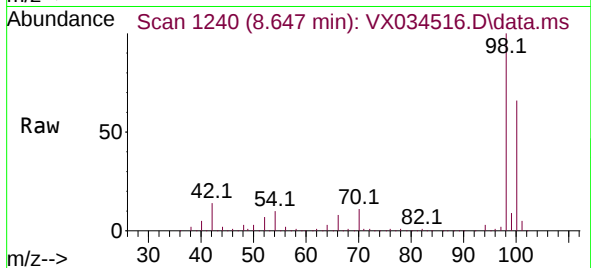
UPS-01-031023-AM

Tgt Ion: 98 Resp: 519745

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034516.D

Acq: 15 Mar 2023 18:19

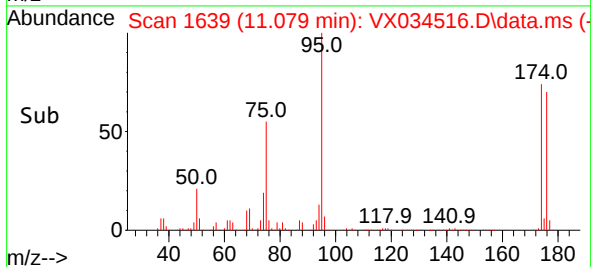
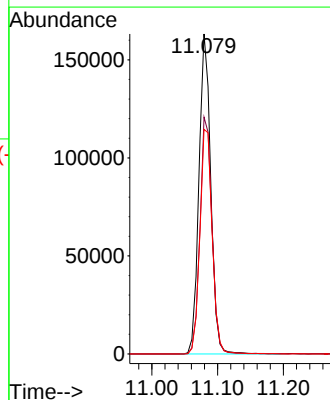
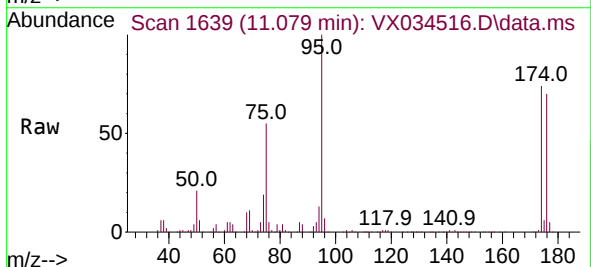
Tgt Ion: 95 Resp: 203093

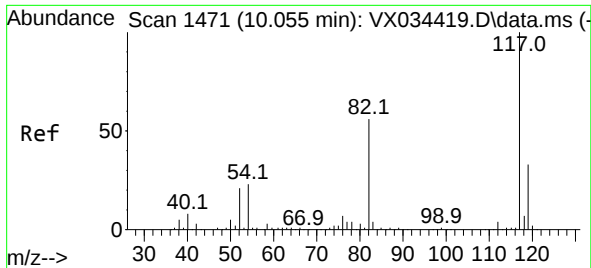
Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.4

176 73.3 0.0 140.6

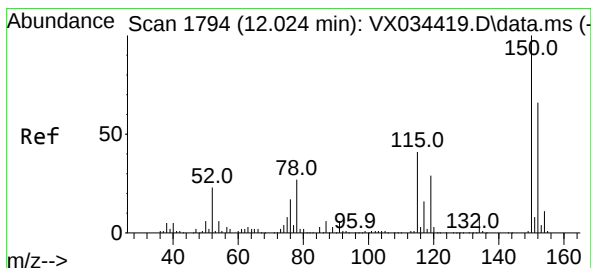
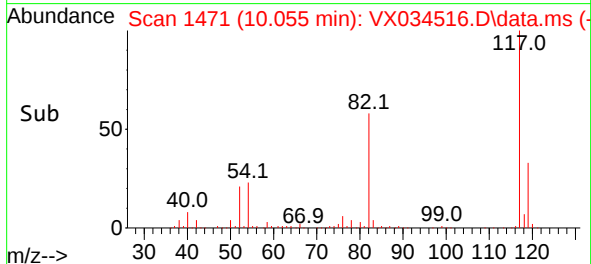
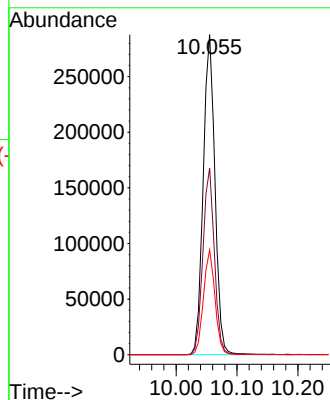
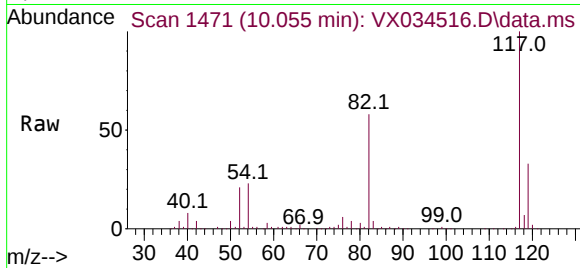




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034516.D
Acq: 15 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
UPS-01-031023-AM

Tgt Ion:117 Resp: 386531
Ion Ratio Lower Upper
117 100
82 58.3 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: VX034516.D
Acq: 15 Mar 2023 18:19

Tgt Ion:152 Resp: 173881
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 157.4 0.0 352.4

