

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034657.D
 Acq On : 21 Mar 2023 16:14
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 02:06:42 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	262692	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	445862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174195	45.581	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.385	113	131826	44.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	8.647	98	536708	48.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	190970	43.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.040%

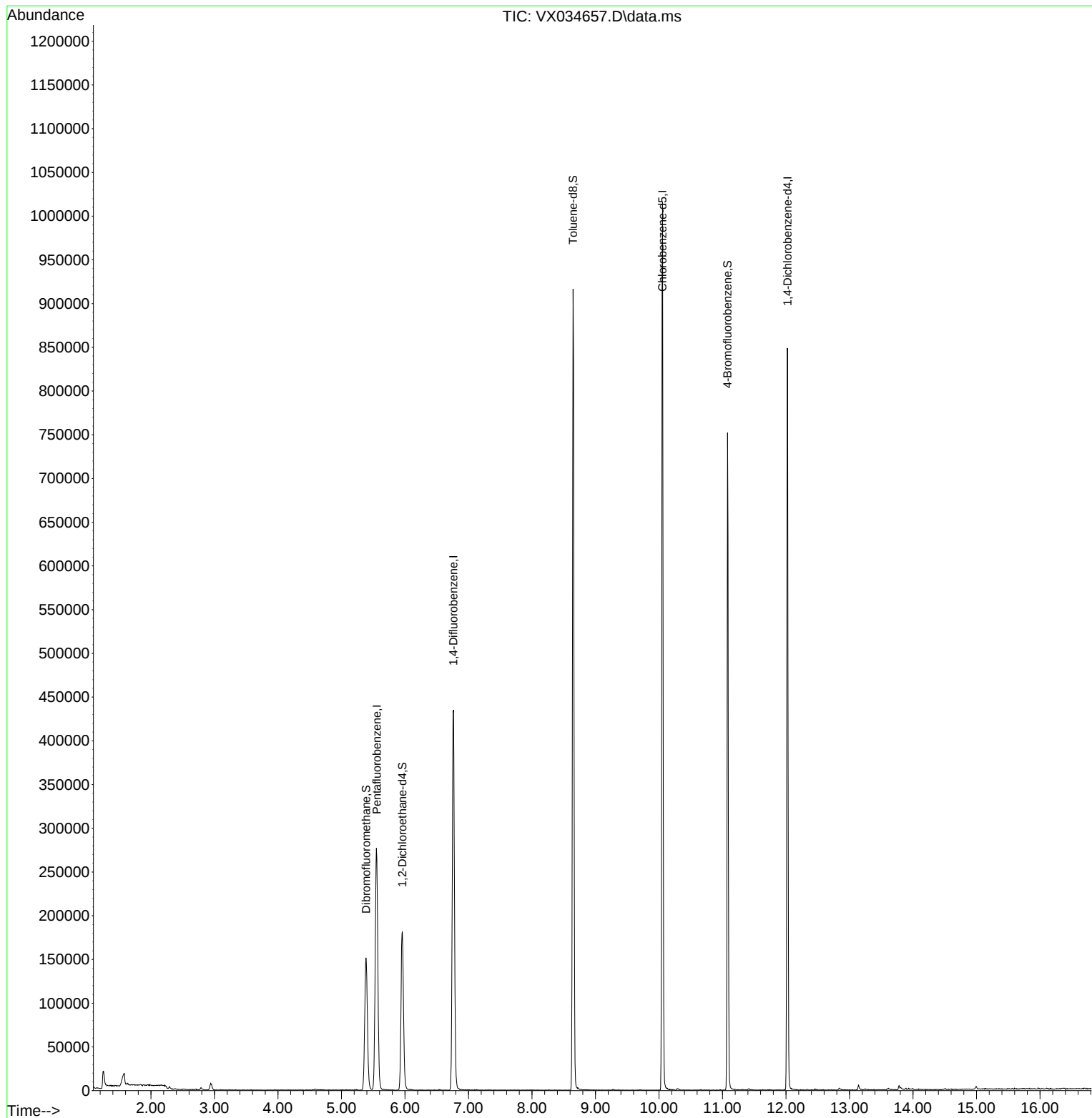
Target Compounds	Qvalue

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

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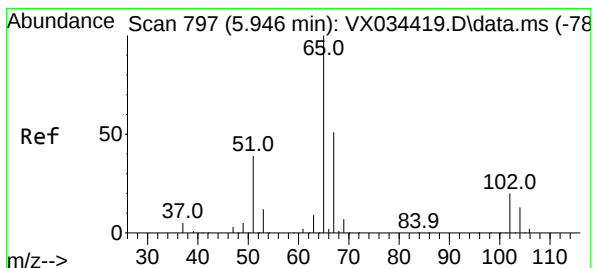
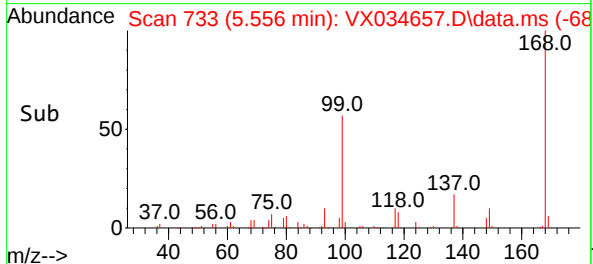
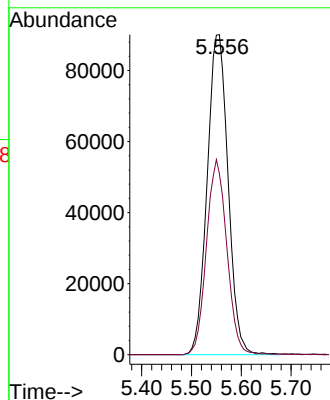
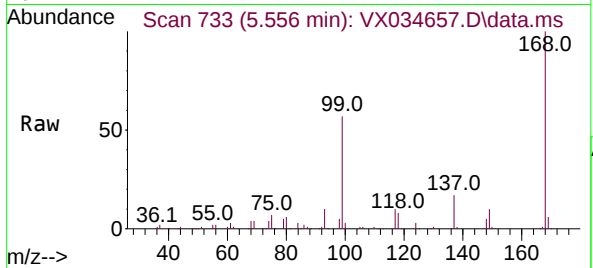




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.012 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

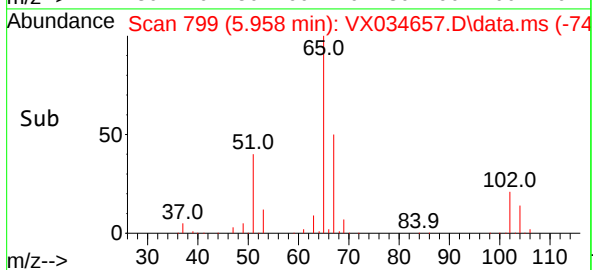
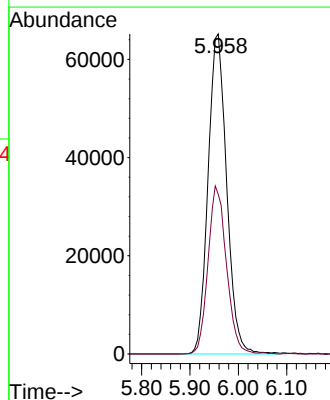
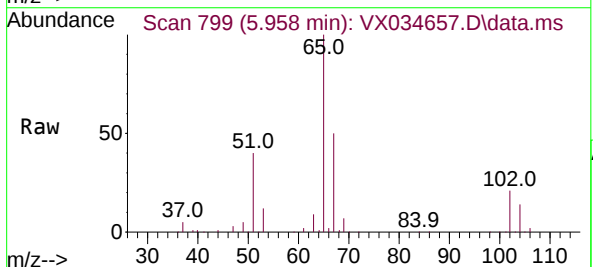
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

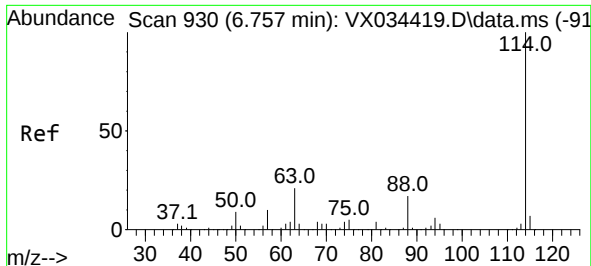
Tgt Ion:168 Resp: 262692
Ion Ratio Lower Upper
168 100
99 56.5 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 45.581 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 65 Resp: 174195
Ion Ratio Lower Upper
65 100
67 52.0 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: VX034657.D

Acq: 21 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

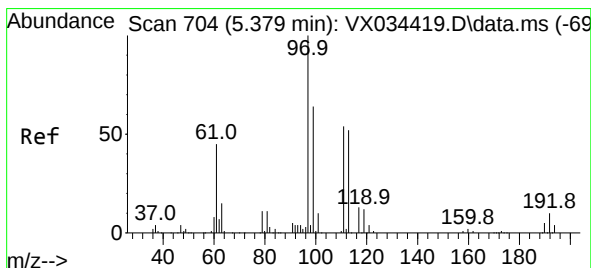
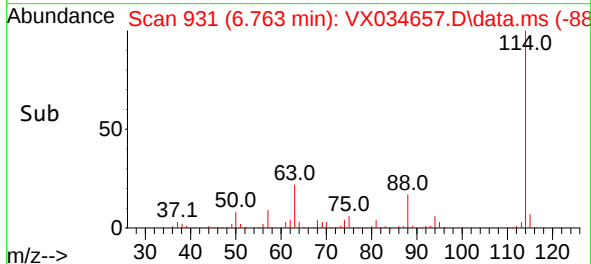
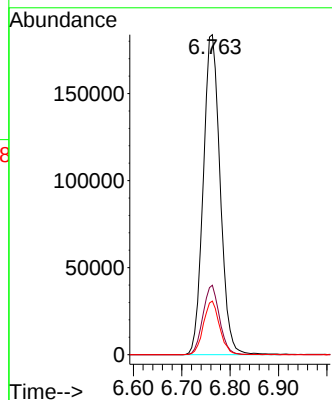
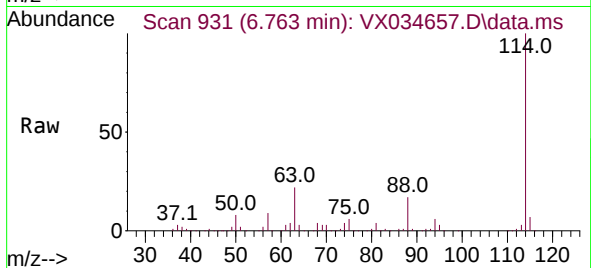
Tgt Ion:114 Resp: 445862

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.781 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

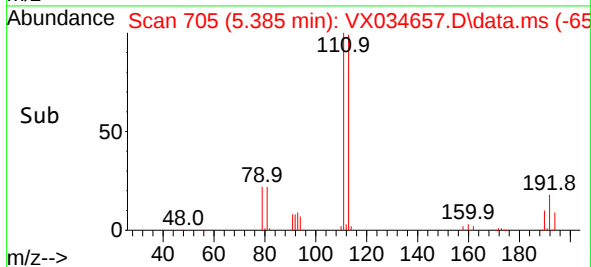
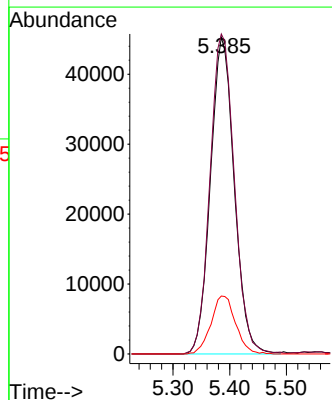
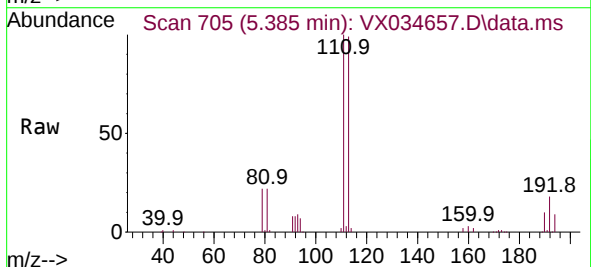
Tgt Ion:113 Resp: 131826

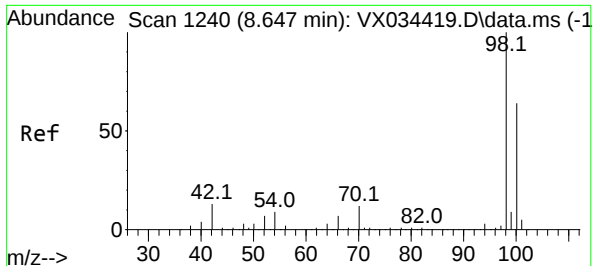
Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 18.9 15.4 23.2

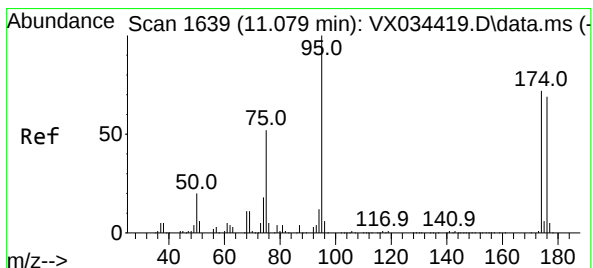
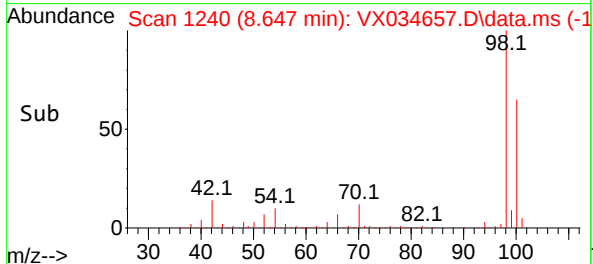
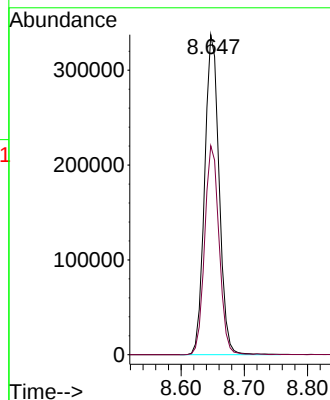
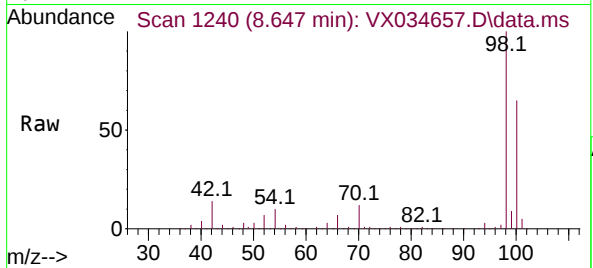




#50
Toluene-d8
Concen: 48.839 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

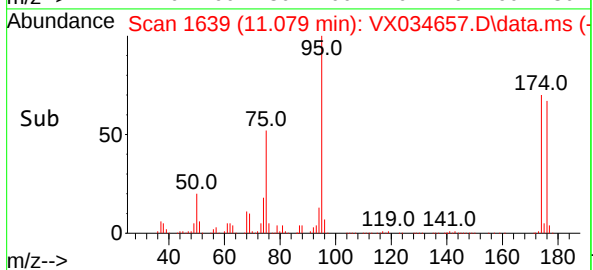
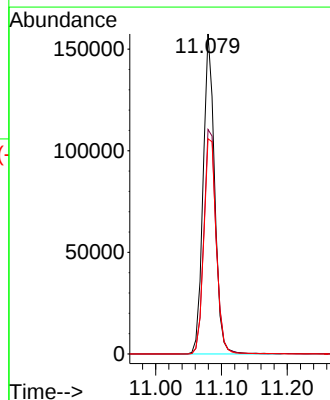
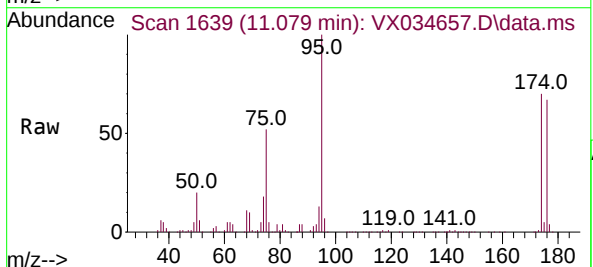
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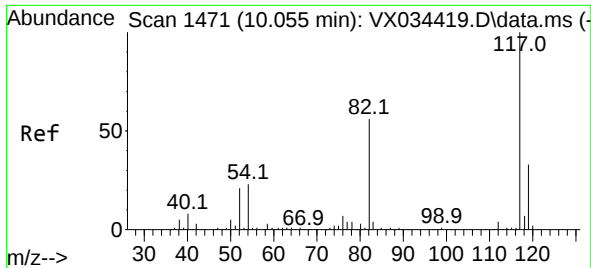
Tgt Ion: 98 Resp: 536708
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 95 Resp: 190970
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 73.0 0.0 140.6

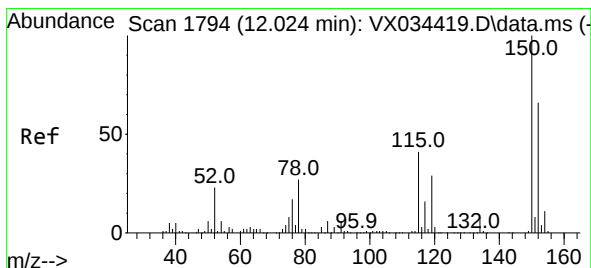
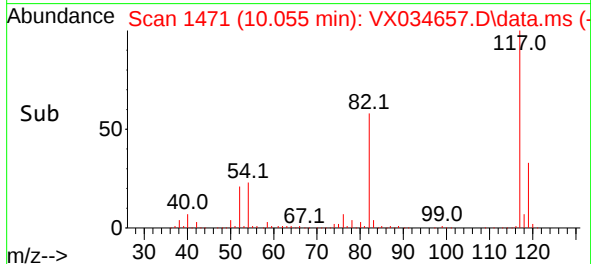
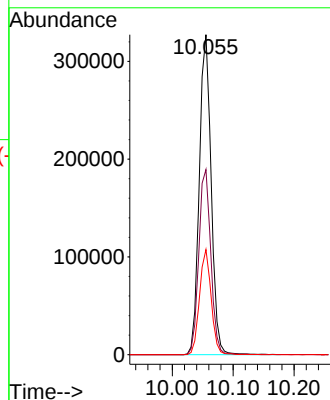
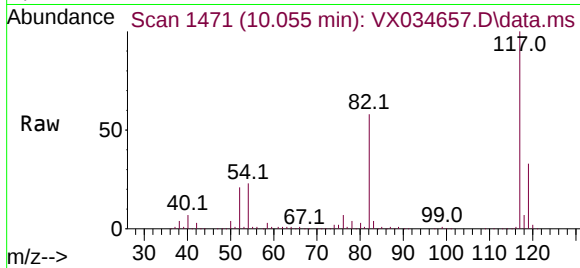




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 441793
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.9 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: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion:152 Resp: 177916
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 155.7 0.0 352.4

