

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034669.D
 Acq On : 22 Mar 2023 13:45
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 23 07:53:45 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	5.549	168	249544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	446871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200219	55.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.300%
35) Dibromofluoromethane	5.385	113	145014	49.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	8.646	98	530711	48.184	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	196441	44.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%

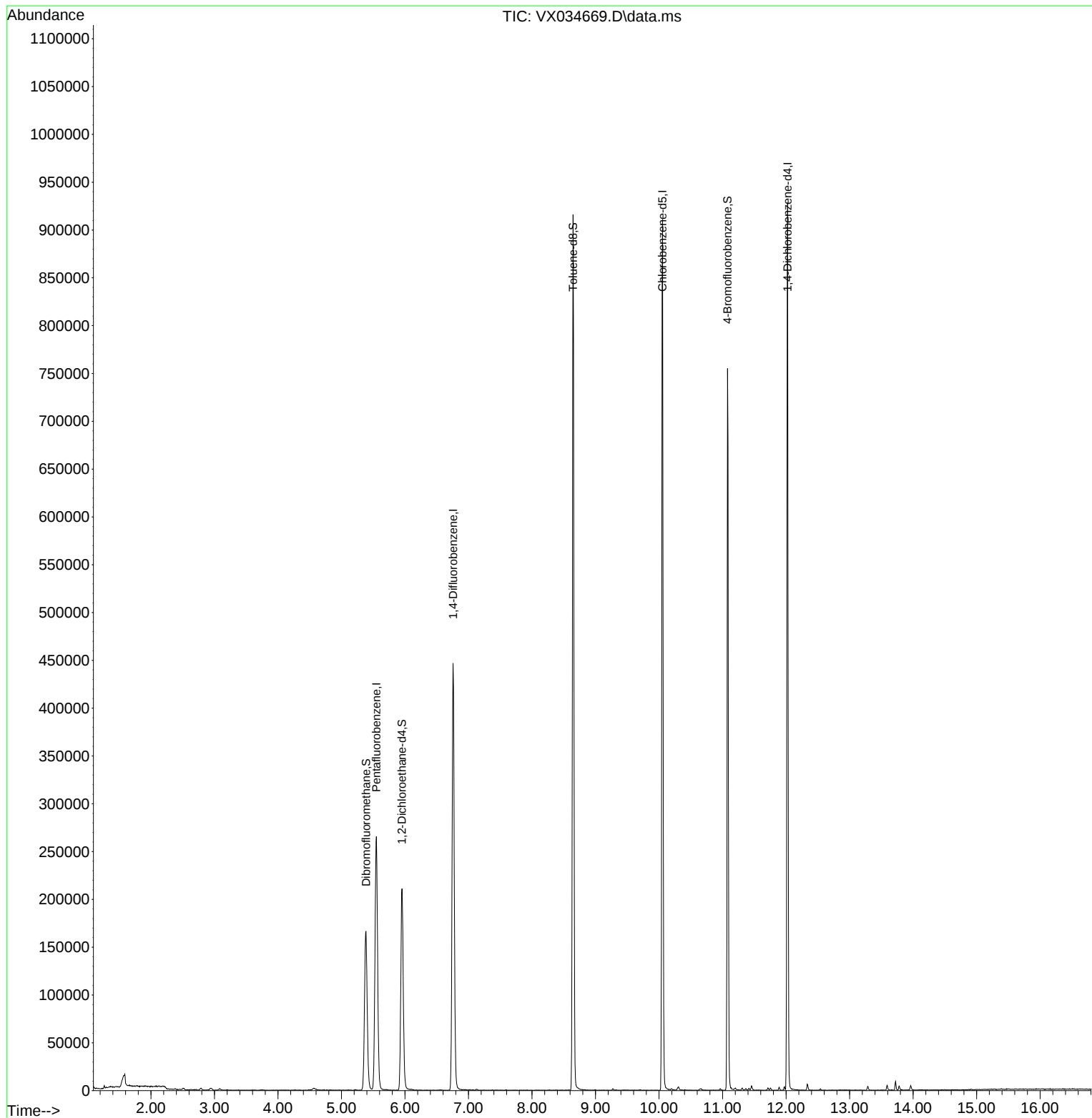
Target Compounds	Qvalue

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

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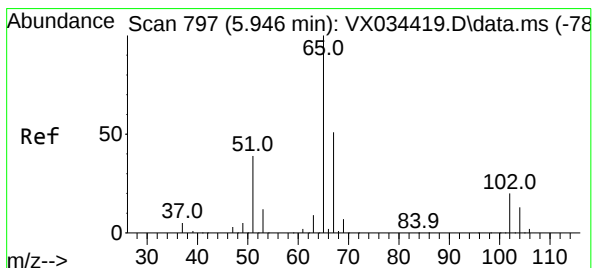
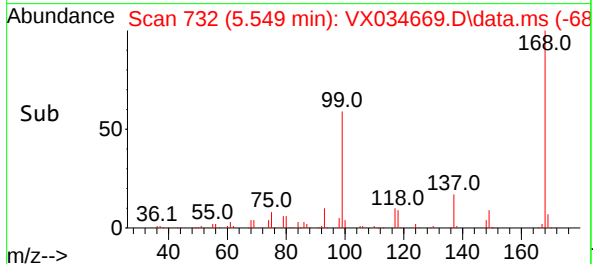
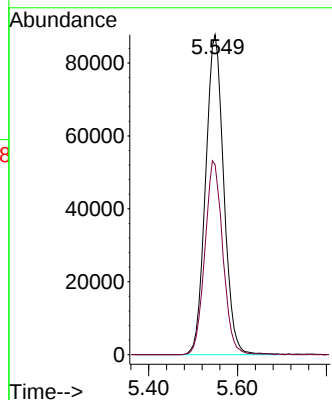
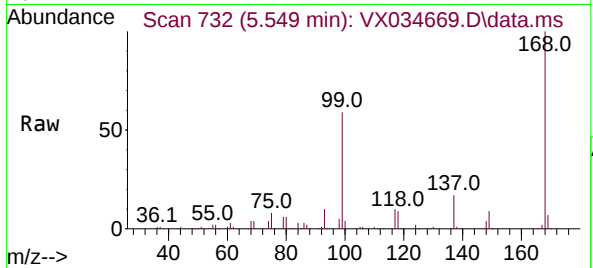




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034669.D
Acq: 22 Mar 2023 13:45

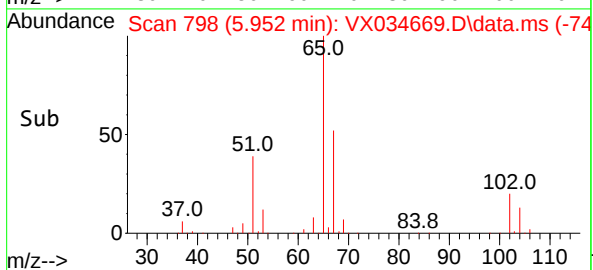
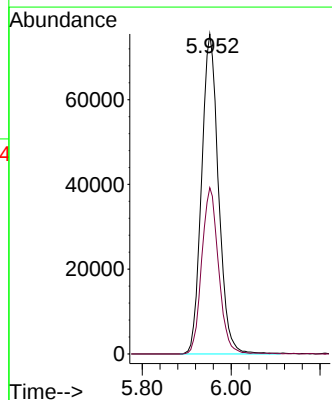
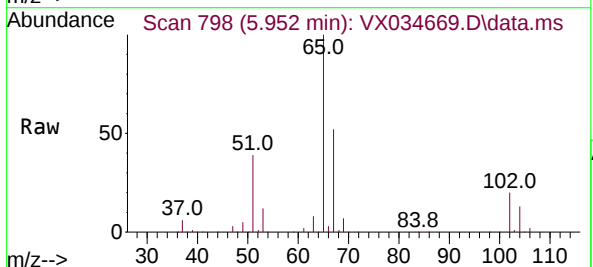
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

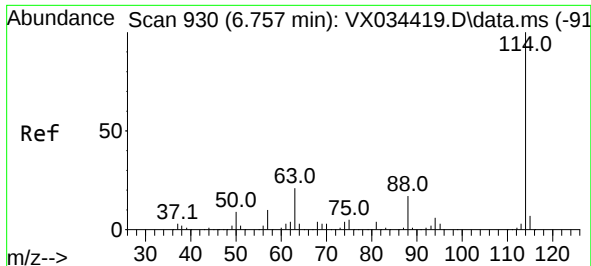
Tgt Ion:168 Resp: 249544
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 55.151 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034669.D
Acq: 22 Mar 2023 13:45

Tgt Ion: 65 Resp: 200219
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034669.D

Acq: 22 Mar 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

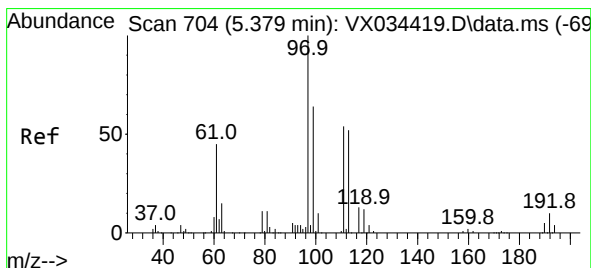
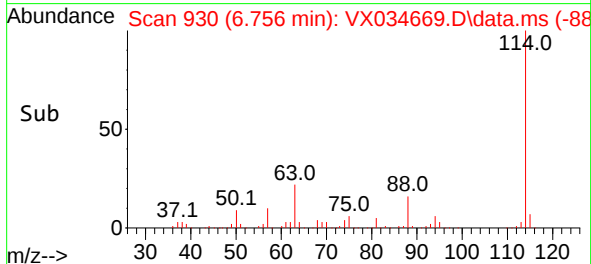
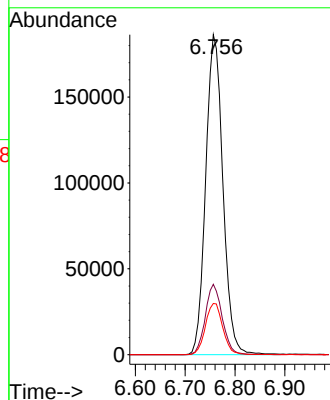
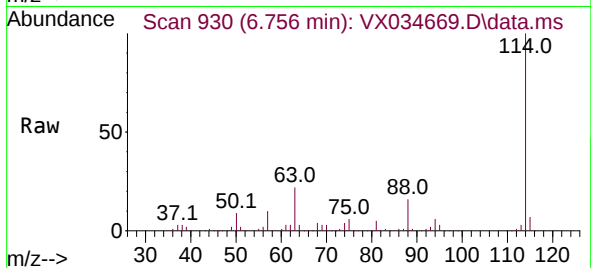
Tgt Ion:114 Resp: 446871

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.150 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034669.D

Acq: 22 Mar 2023 13:45

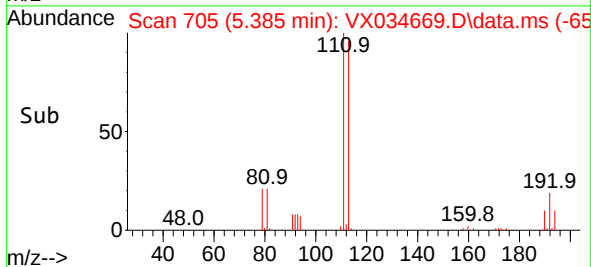
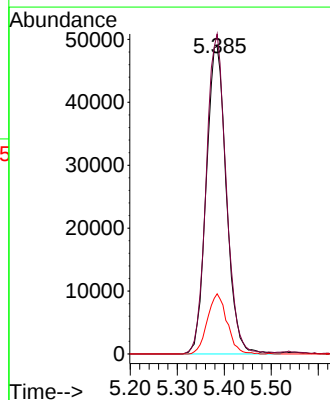
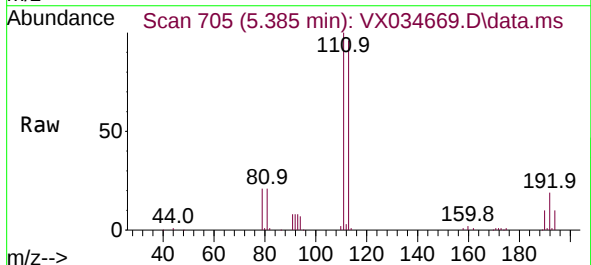
Tgt Ion:113 Resp: 145014

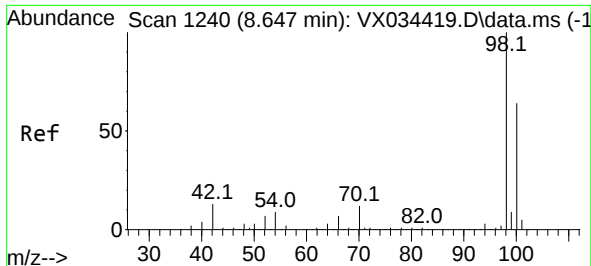
Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 19.1 15.4 23.2

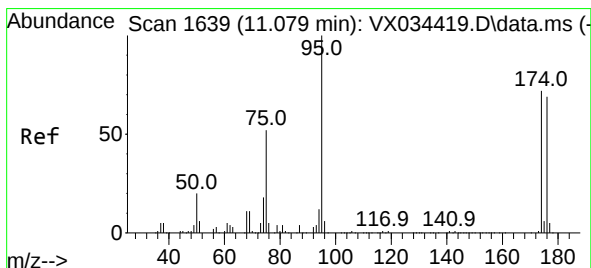
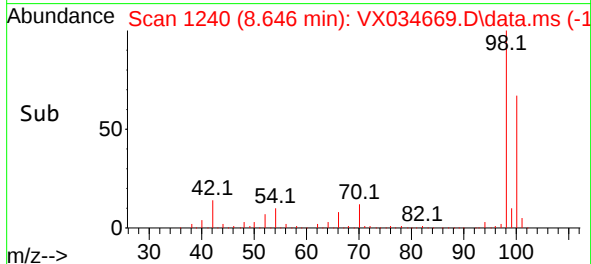
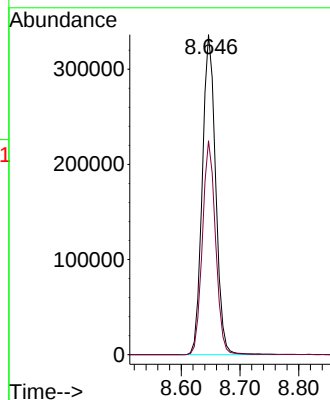
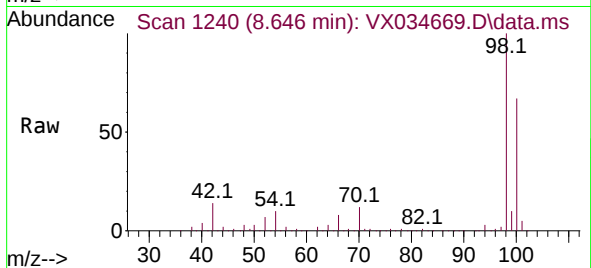




#50
Toluene-d8
Concen: 48.184 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034669.D
Acq: 22 Mar 2023 13:45

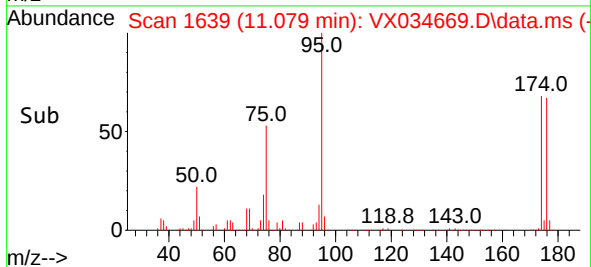
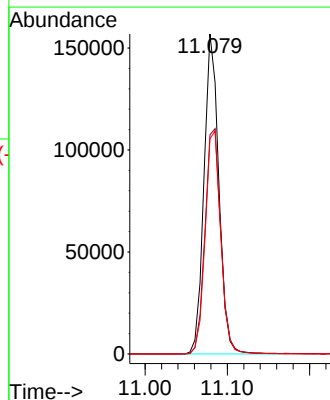
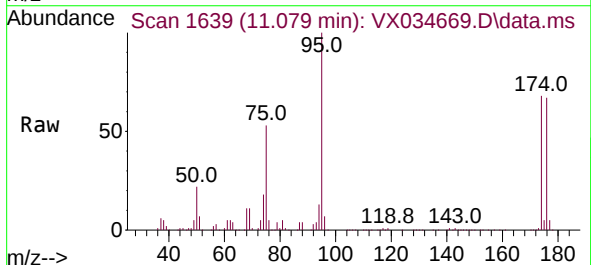
Instrument :
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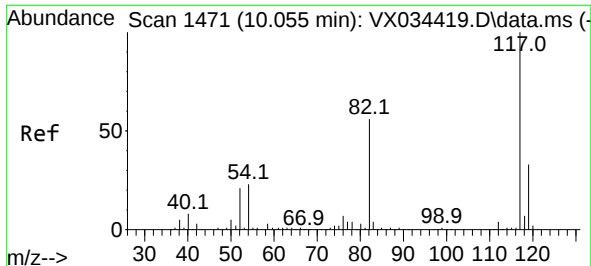
Tgt Ion: 98 Resp: 530711
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034669.D
Acq: 22 Mar 2023 13:45

Tgt Ion: 95 Resp: 196441
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 73.0 0.0 140.6

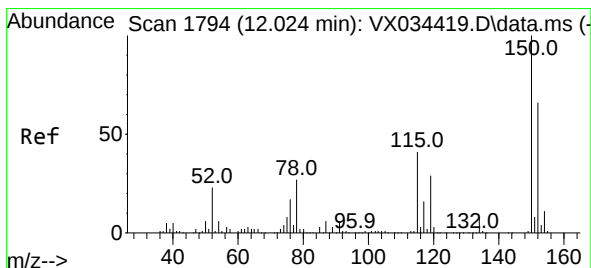
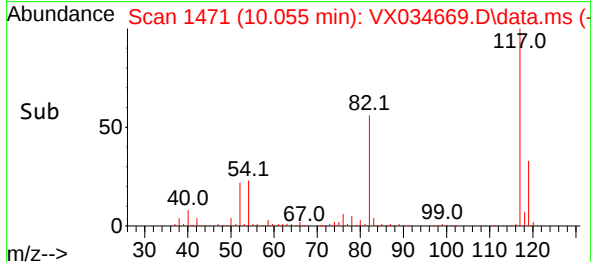
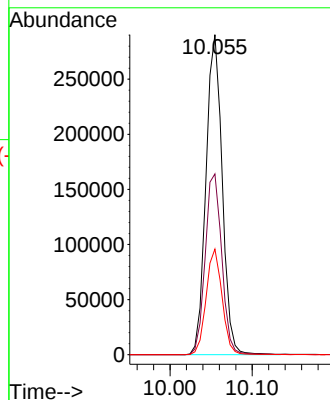
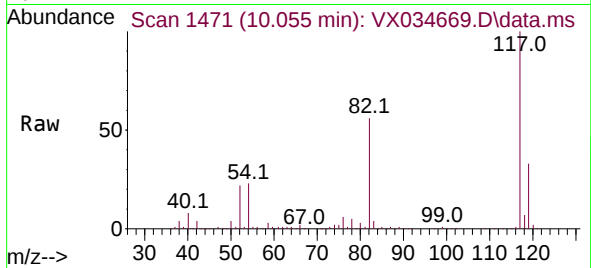




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034669.D
Acq: 22 Mar 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 398657
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 33.0 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: VX034669.D
Acq: 22 Mar 2023 13:45

Tgt Ion:152 Resp: 183455
Ion Ratio Lower Upper
152 100
115 60.8 45.0 135.0
150 158.8 0.0 352.4

