

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034734.D
 Acq On : 24 Mar 2023 20:21
 Operator : JC/MD
 Sample : 02080-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-6

Quant Time: Mar 27 01:36:21 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)

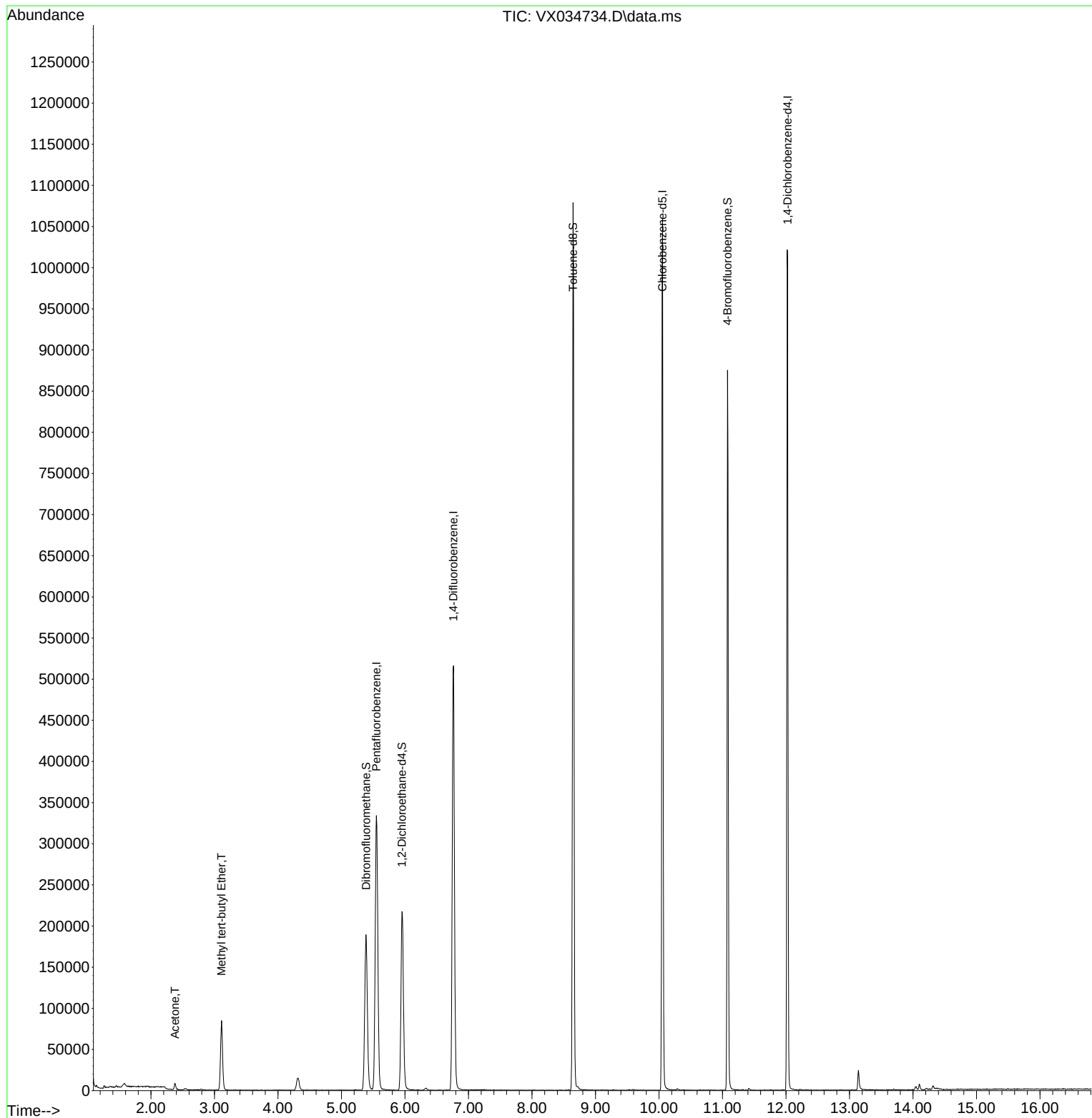
Internal Standards						
1) Pentafluorobenzene	5.550	168	308179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	524229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	219612	48.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.385	113	165838	47.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.647	98	620033	47.987	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	237298	45.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8734	4.136	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	90027	7.453	ug/l	97

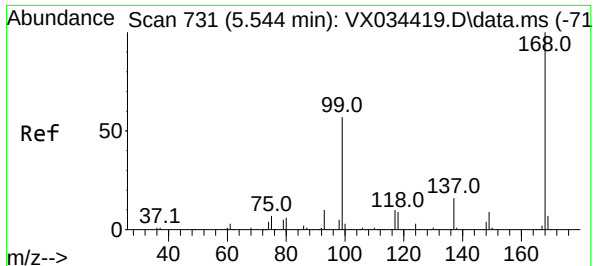
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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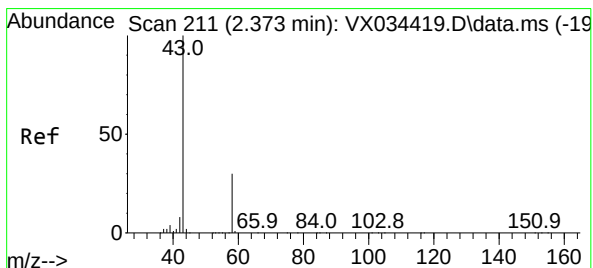
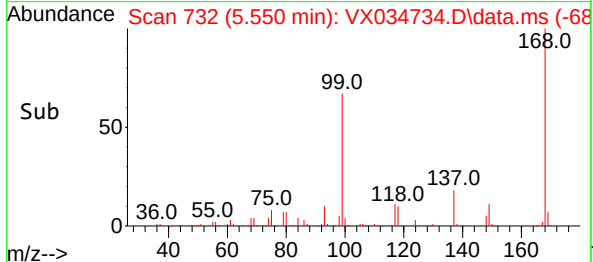
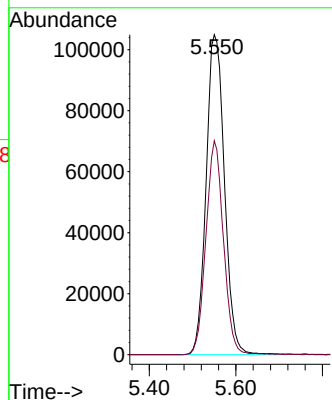
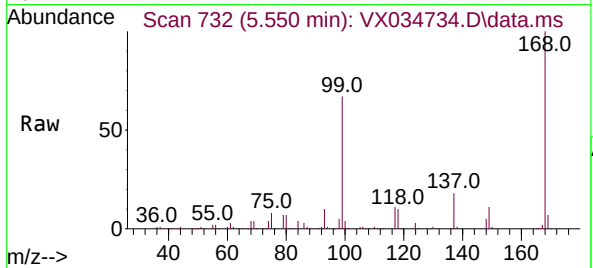




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

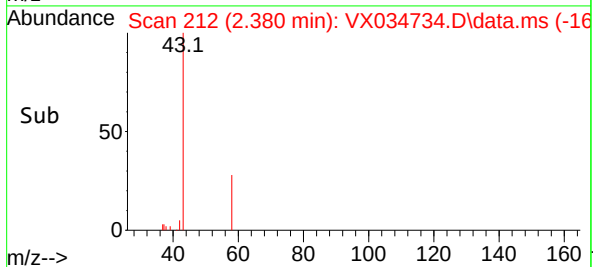
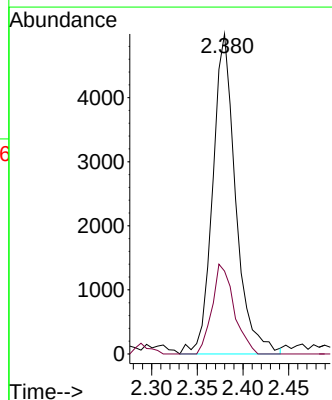
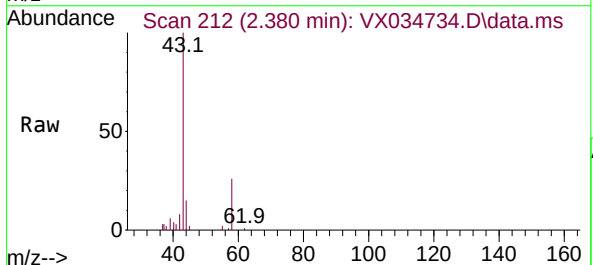
Instrument :
MSVOA_X
ClientSampleId :
T-6

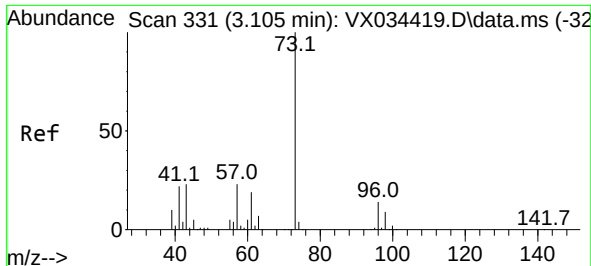
Tgt Ion:168 Resp: 308179
Ion Ratio Lower Upper
168 100
99 66.8 45.7 68.5



#16
Acetone
Concen: 4.136 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 43 Resp: 8734
Ion Ratio Lower Upper
43 100
58 25.9 24.7 37.1

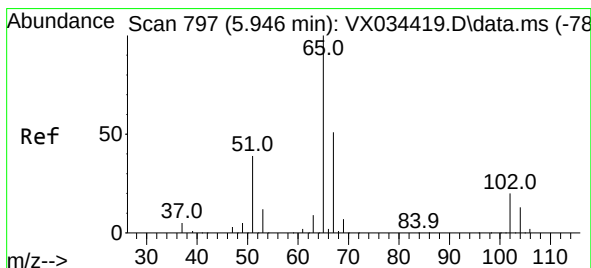
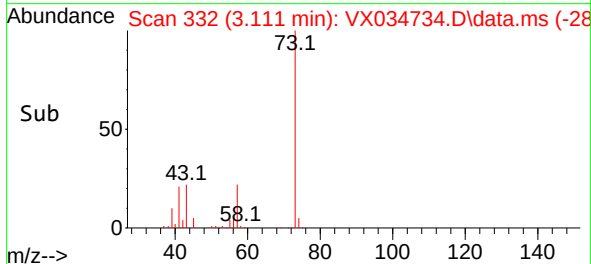
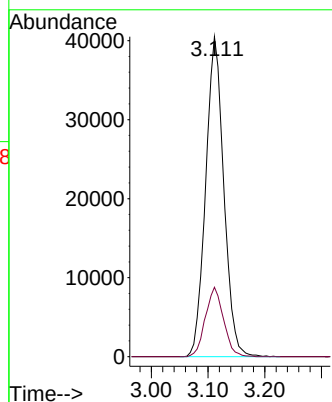
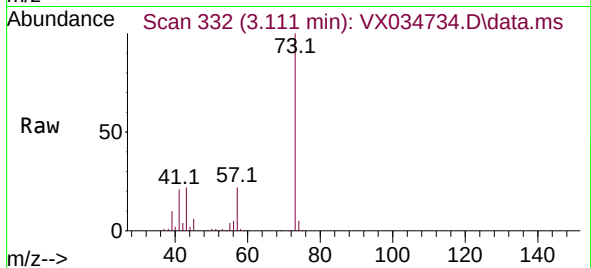




#19
Methyl tert-butyl Ether
Concen: 7.453 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

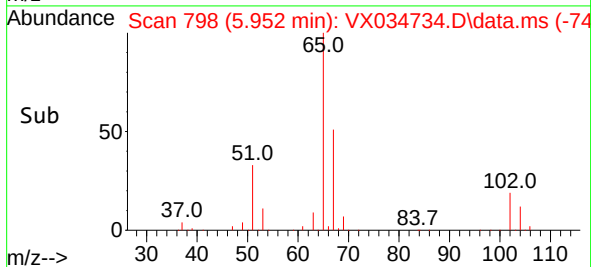
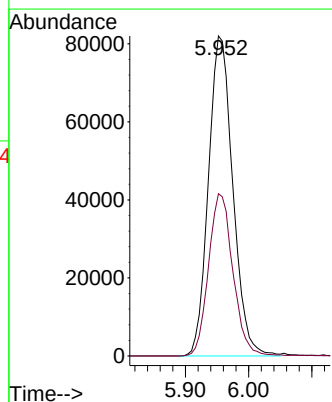
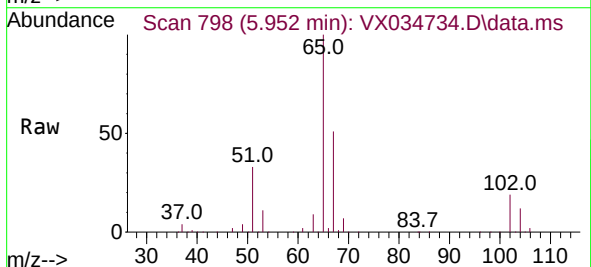
Instrument :
MSVOA_X
ClientSampleId :
T-6

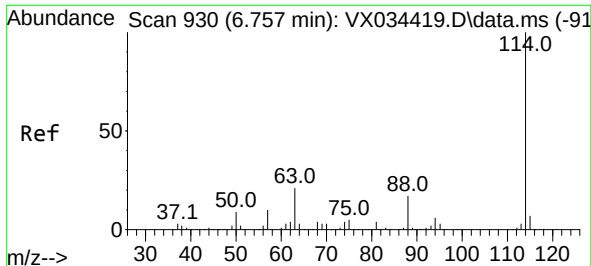
Tgt Ion: 73 Resp: 90027
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 48.984 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion: 65 Resp: 219612
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

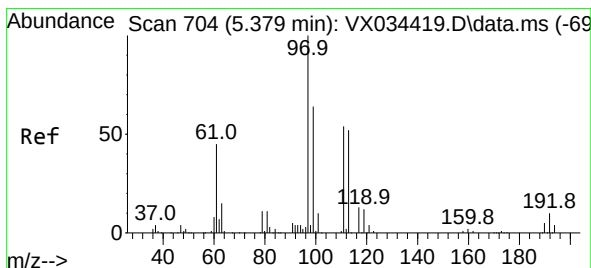
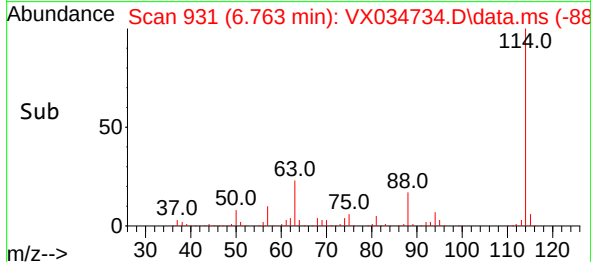
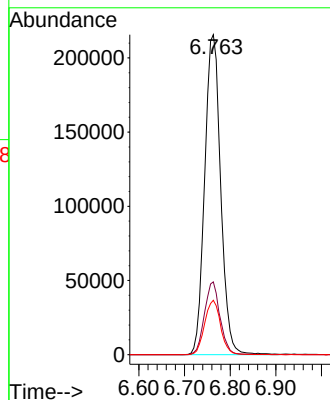
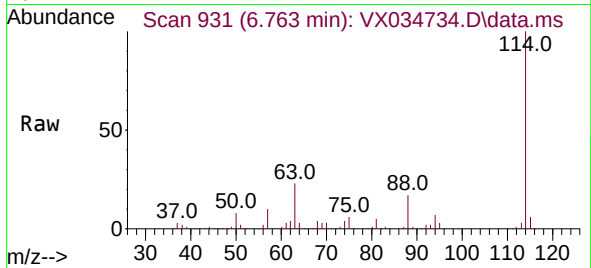




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

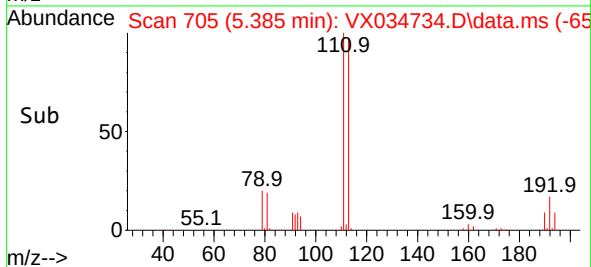
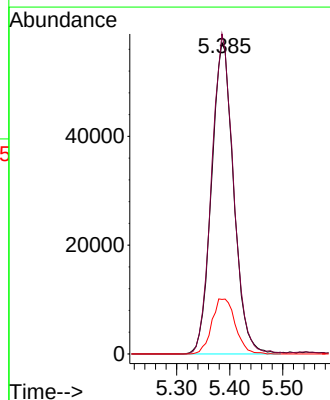
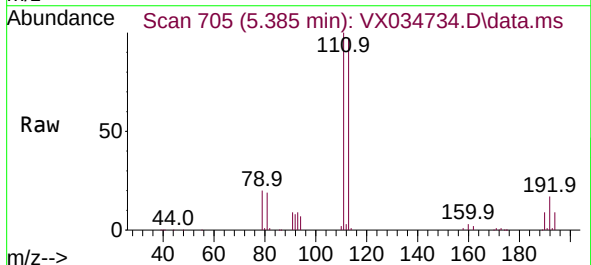
Instrument :
MSVOA_X
ClientSampleId :
T-6

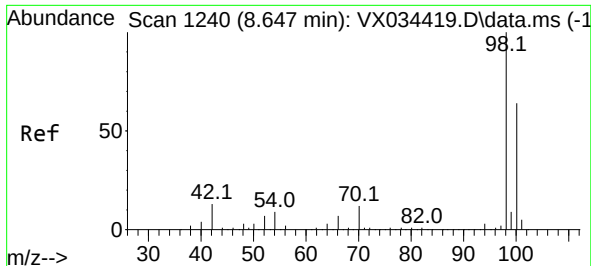
Tgt Ion:114 Resp: 524229
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.913 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion:113 Resp: 165838
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 18.7 15.4 23.2





#50

Toluene-d8

Concen: 47.987 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034734.D

Acq: 24 Mar 2023 20:21

Instrument :

MSVOA_X

ClientSampleId :

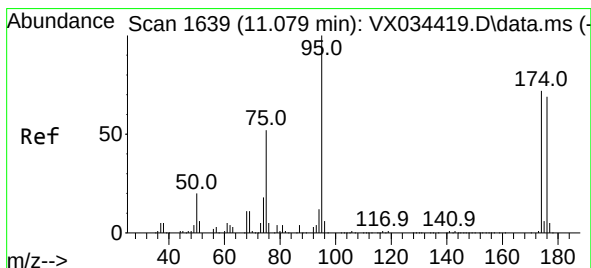
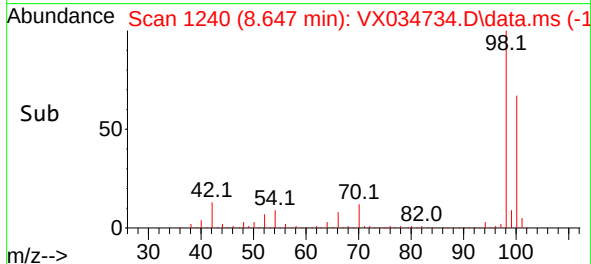
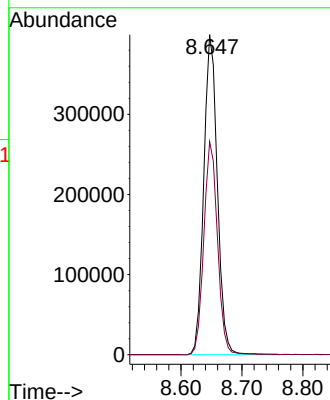
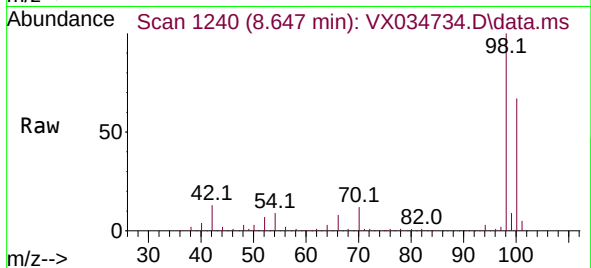
T-6

Tgt Ion: 98 Resp: 620033

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034734.D

Acq: 24 Mar 2023 20:21

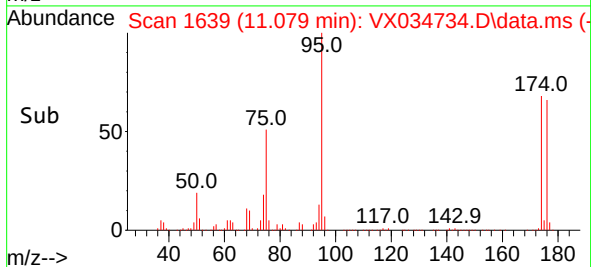
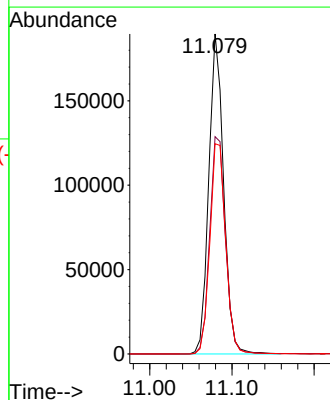
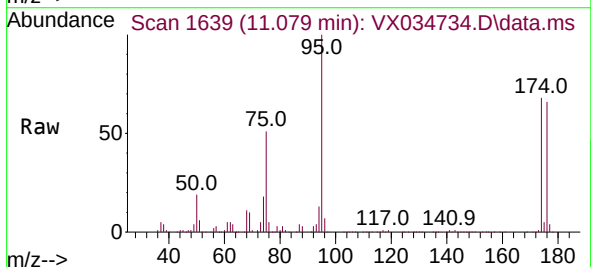
Tgt Ion: 95 Resp: 237298

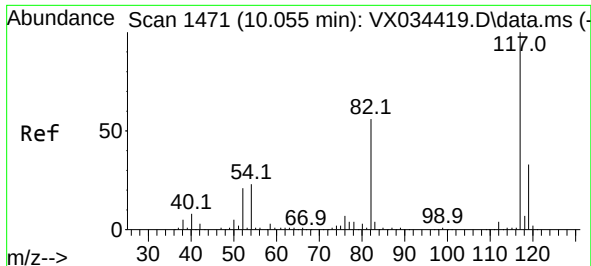
Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.4

176 70.4 0.0 140.6

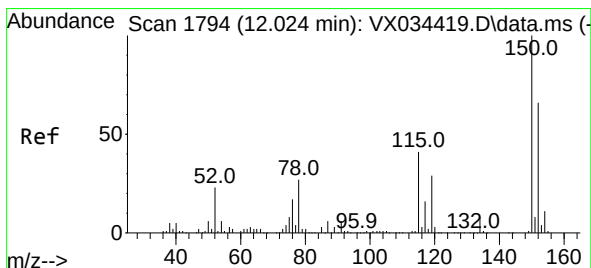
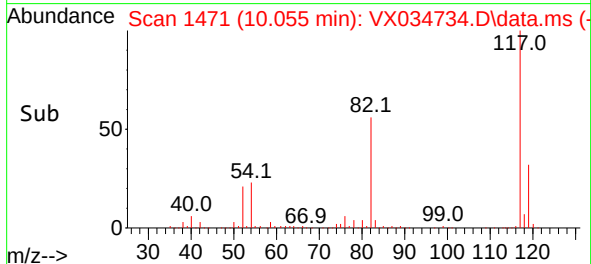
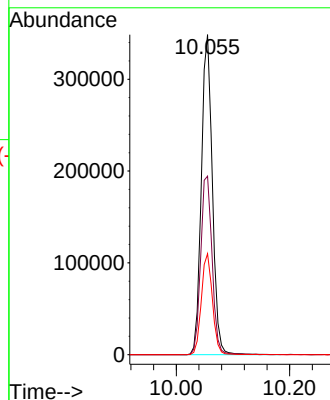
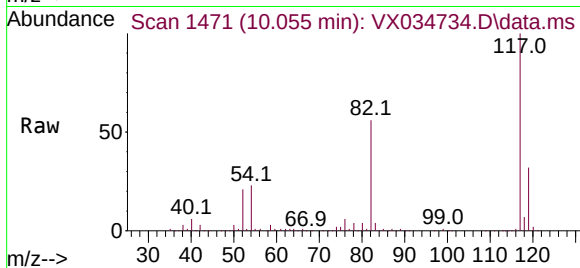




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034734.D
Acq: 24 Mar 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
T-6

Tgt Ion:117 Resp: 469232
Ion Ratio Lower Upper
117 100
82 55.8 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: VX034734.D
Acq: 24 Mar 2023 20:21

Tgt Ion:152 Resp: 210898
Ion Ratio Lower Upper
152 100
115 62.5 45.0 135.0
150 155.8 0.0 352.4

