

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032774.D
 Acq On : 11 Nov 2022 15:01
 Operator : JC/MD
 Sample : N5564-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(OW)

Quant Time: Nov 14 05:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

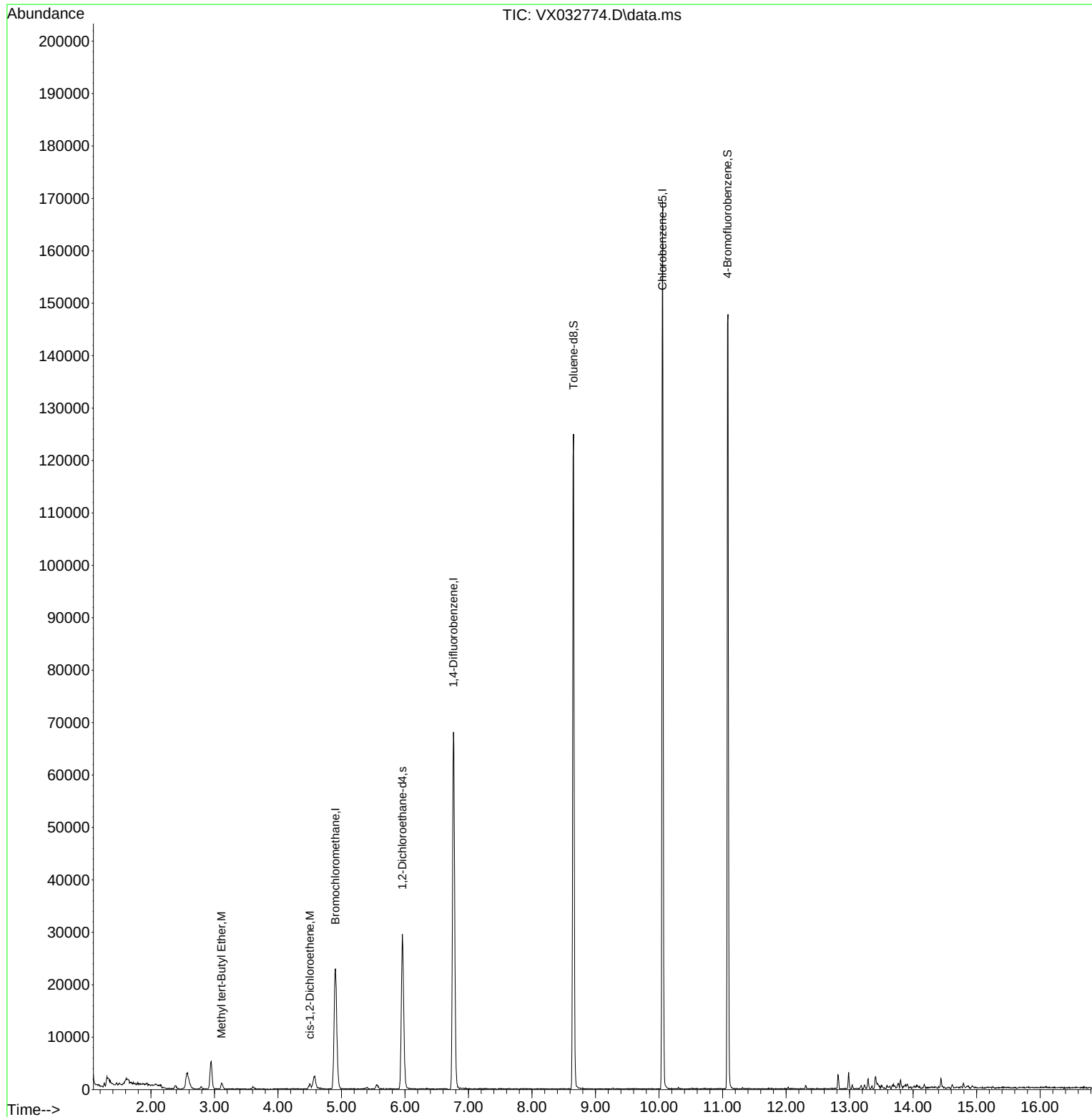
Internal Standards						
1) Bromochloromethane	4.903	128	10119	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	69766	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	72678	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29301	30.015	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.067%
60) 4-Bromofluorobenzene	11.079	95	38858	27.951	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.167%
63) Toluene-d8	8.653	98	73590	30.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.000%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.501	96	579	0.457	ug/l #	89
24) Methyl tert-Butyl Ether	3.111	73	1257	0.357	ug/l #	78

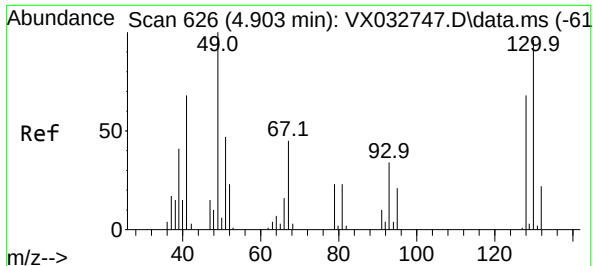
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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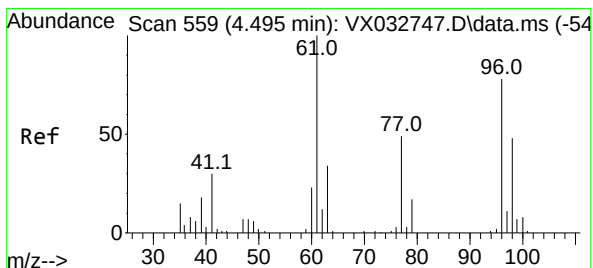
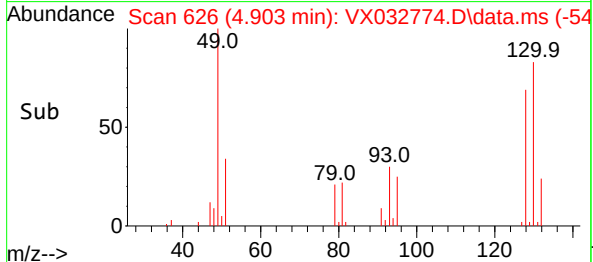
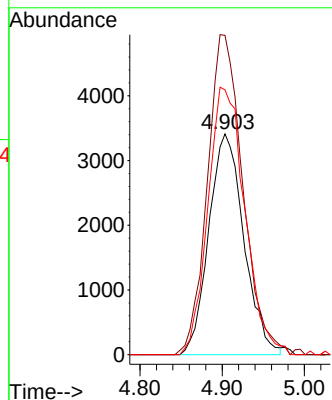
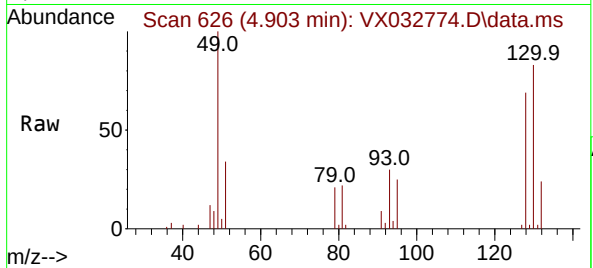




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

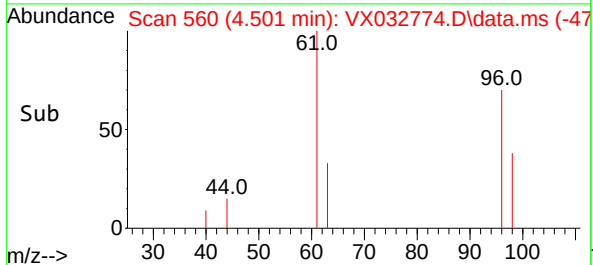
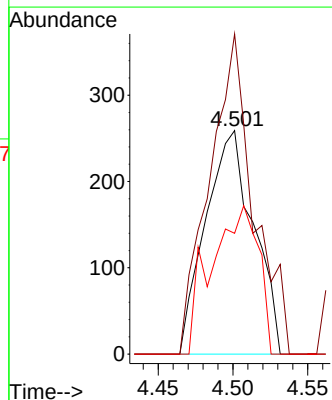
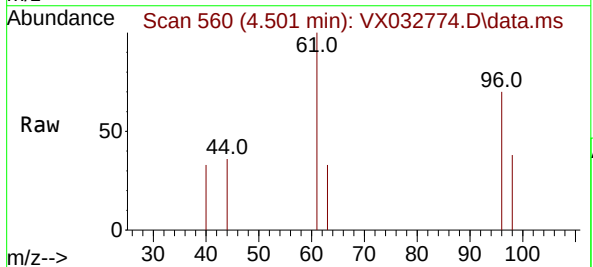
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

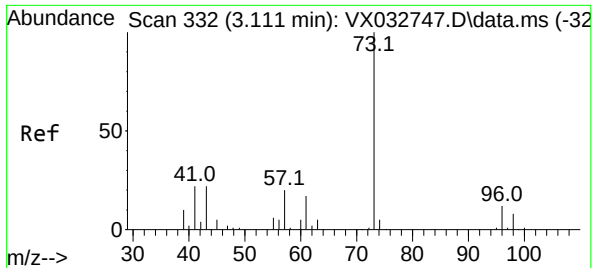
Tgt Ion:128 Resp: 10119
Ion Ratio Lower Upper
128 100
49 146.2 0.0 293.0
130 127.4 0.0 321.5



#22
cis-1,2-Dichloroethene
Concen: 0.457 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 96 Resp: 579
Ion Ratio Lower Upper
96 100
61 131.6 98.0 147.0
98 52.2 52.2 78.4#

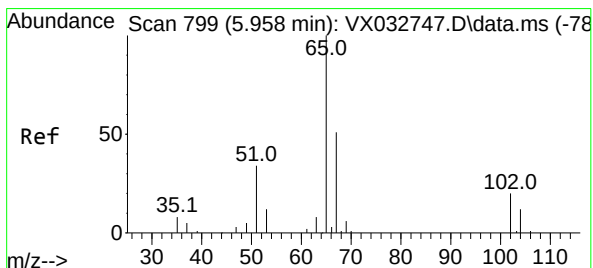
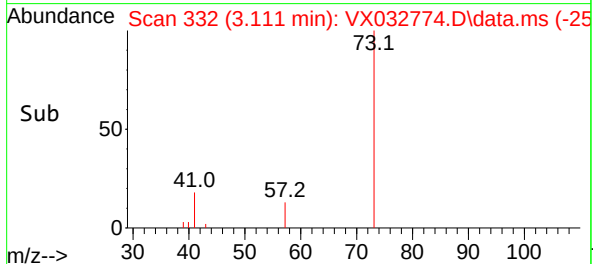
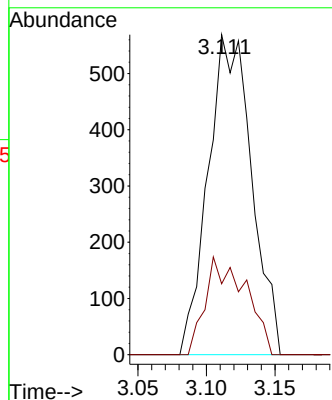
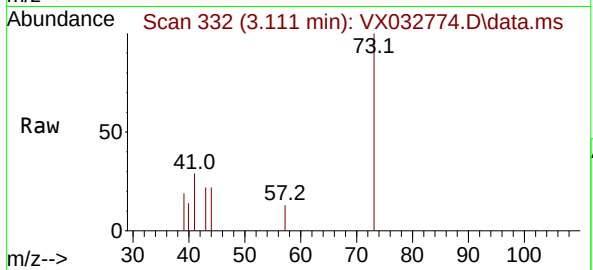




#24
Methyl tert-Butyl Ether
Concen: 0.357 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

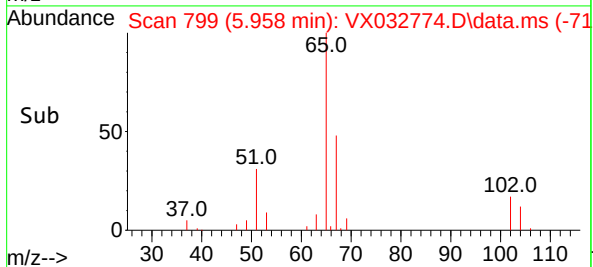
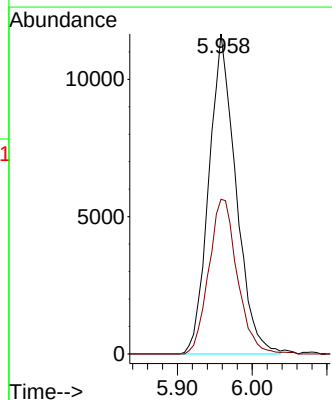
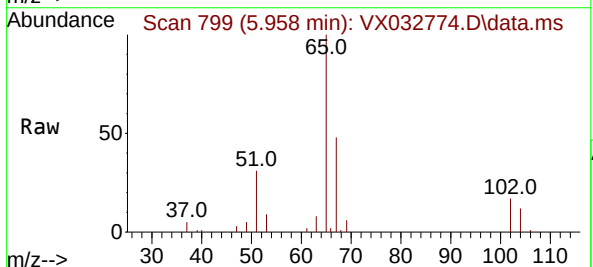
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

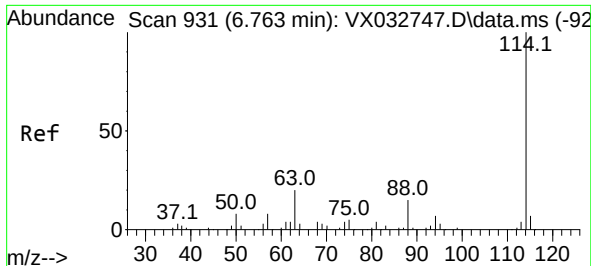
Tgt Ion: 73 Resp: 1257
Ion Ratio Lower Upper
73 100
43 28.2 14.8 22.2#



#27
1,2-Dichloroethane-d4
Concen: 30.015 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 65 Resp: 29301
Ion Ratio Lower Upper
65 100
67 50.8 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX032774.D

Acq: 11 Nov 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

B-1(OW)

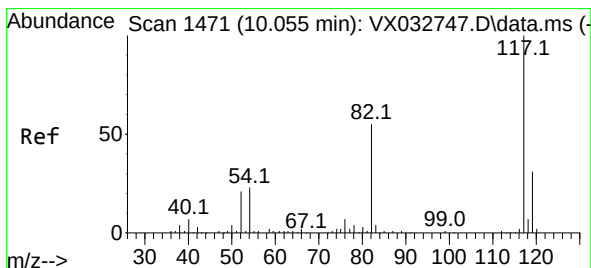
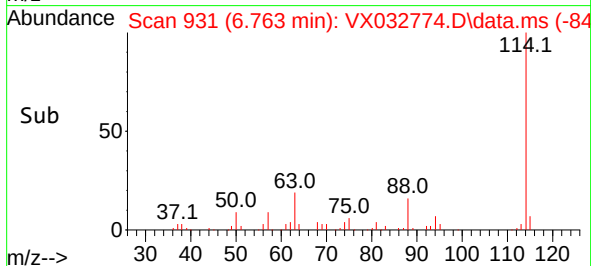
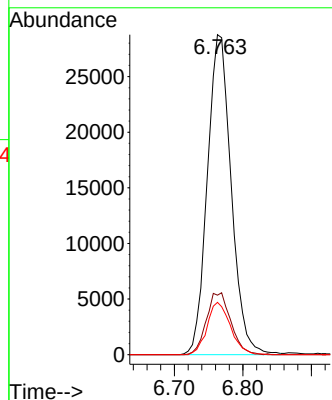
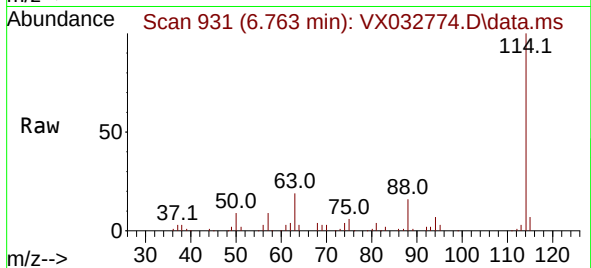
Tgt Ion:114 Resp: 69766

Ion Ratio Lower Upper

114 100

63 19.8 13.6 20.4

88 16.0 11.8 17.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032774.D

Acq: 11 Nov 2022 15:01

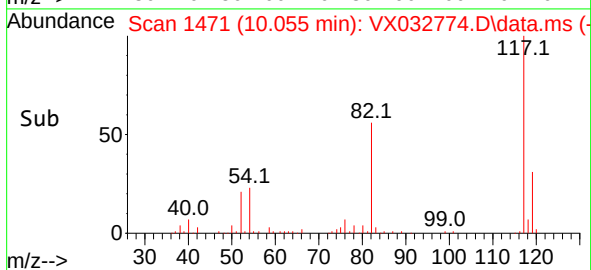
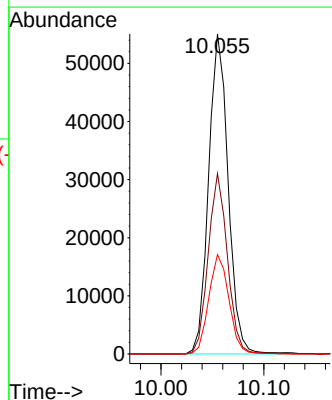
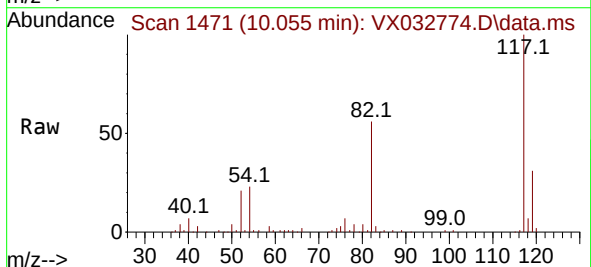
Tgt Ion:117 Resp: 72678

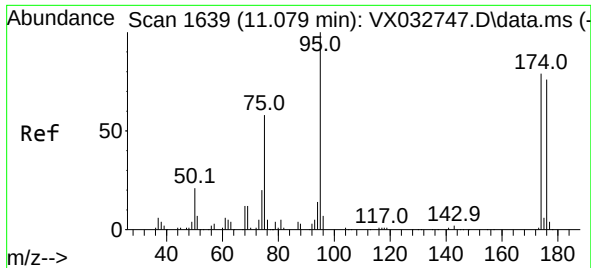
Ion Ratio Lower Upper

117 100

82 55.7 40.0 60.0

119 32.1 26.0 39.0

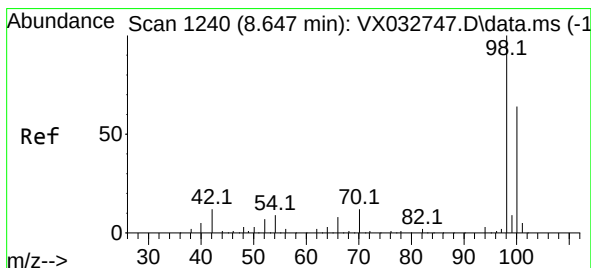
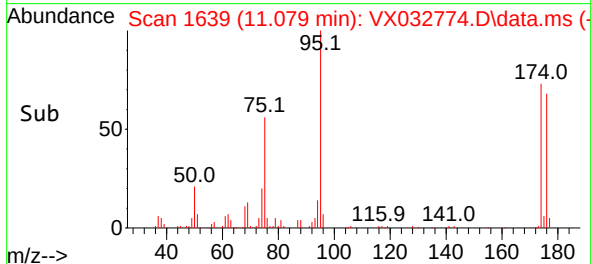
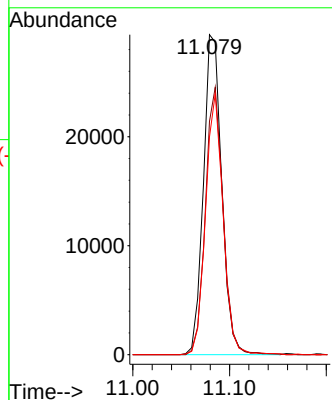
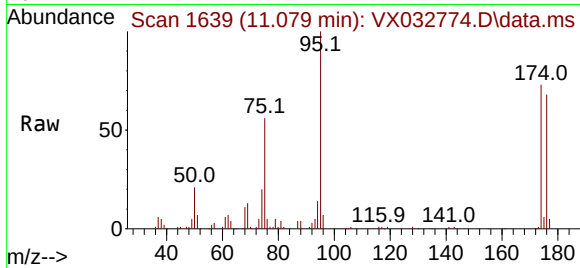




#60
4-Bromofluorobenzene
Concen: 27.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

Tgt Ion: 95 Resp: 38858
Ion Ratio Lower Upper
95 100
174 81.0 68.2 102.2
176 77.4 68.1 102.1



#63
Toluene-d8
Concen: 30.003 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032774.D
Acq: 11 Nov 2022 15:01

Tgt Ion: 98 Resp: 73590
Ion Ratio Lower Upper
98 100
100 64.4 53.8 80.8

