

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032772.D
 Acq On : 11 Nov 2022 14:15
 Operator : JC/MD
 Sample : N5562-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(OW)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 05:12:39 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	10263	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	71651	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	75335	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29819	30.117	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.400%
60) 4-Bromofluorobenzene	11.079	95	39958	27.728	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.433%
63) Toluene-d8	8.653	98	76102	29.933	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.495	96	646m	0.503	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	1165	0.326	ug/l #	83

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

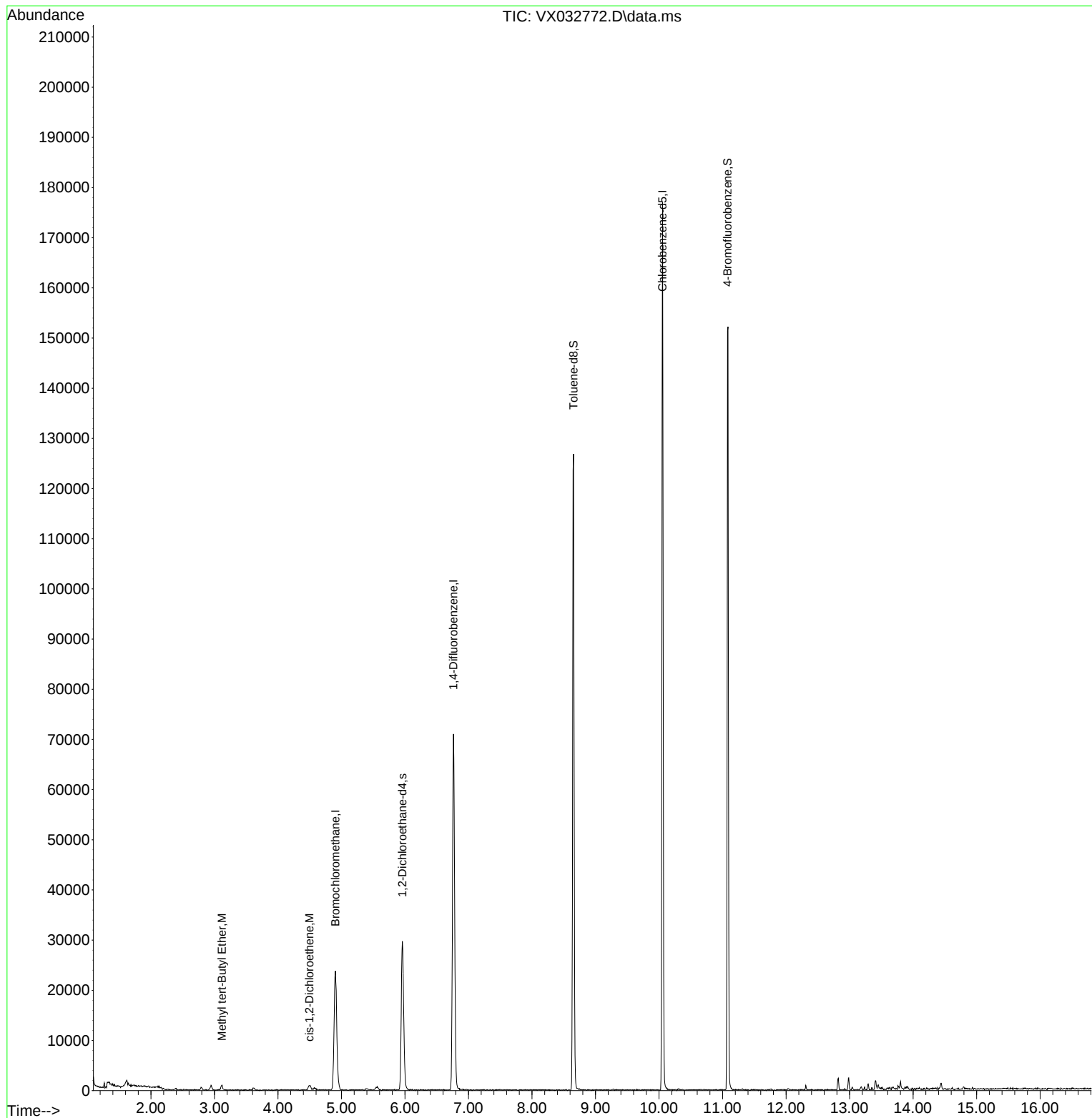
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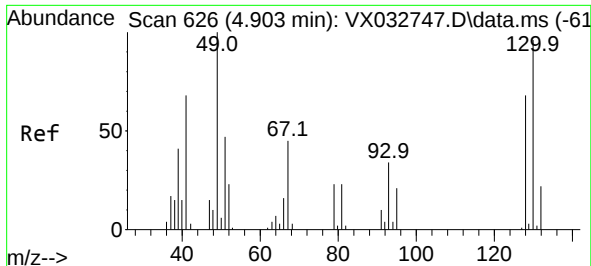
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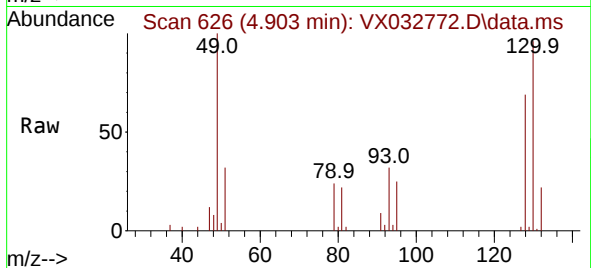
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

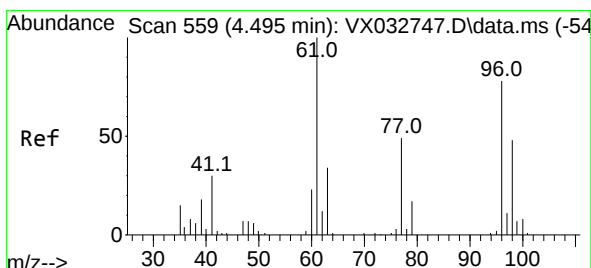
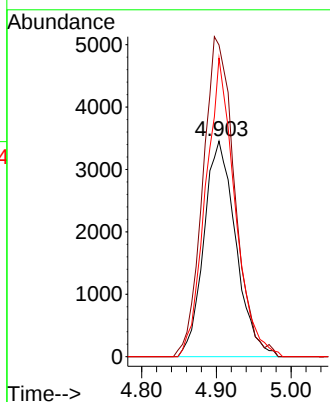
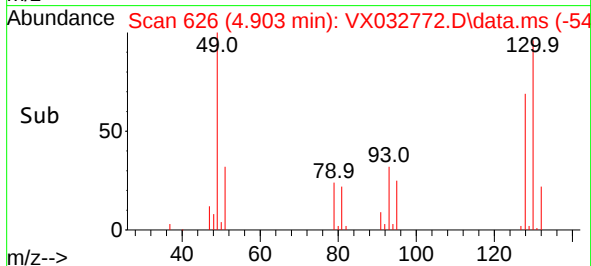
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)



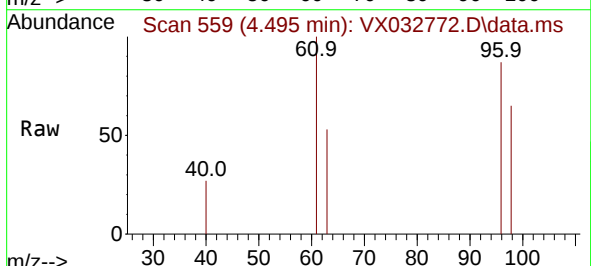
Tgt Ion:128 Resp: 1026
Ion Ratio Lower Upper
128 100
49 146.4 0.0 293.0
130 127.5 0.0 321.5

Manual Integrations
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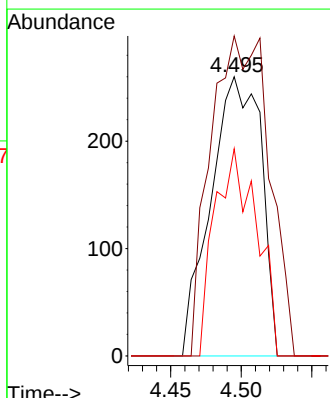
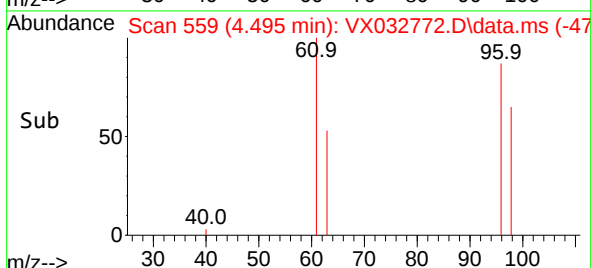
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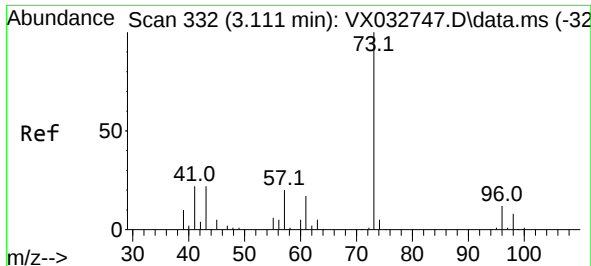


#22
cis-1,2-Dichloroethene
Concen: 0.503 ug/l m
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15



Tgt Ion: 96 Resp: 646
Ion Ratio Lower Upper
96 100
61 78.8 98.0 147.0#
98 61.9 52.2 78.4





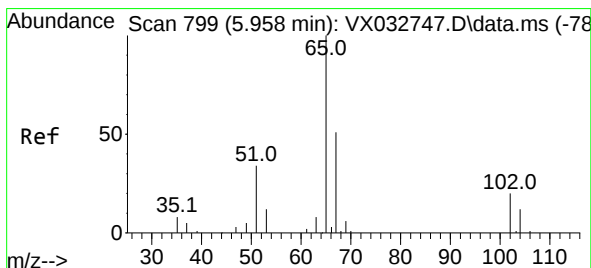
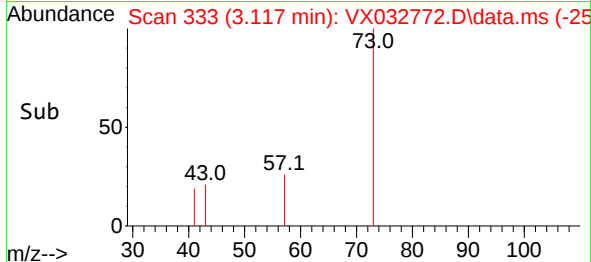
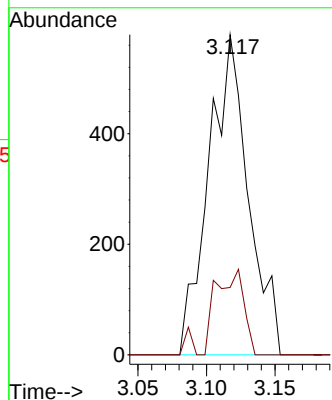
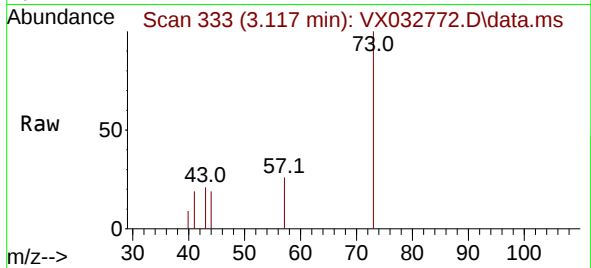
#24
Methyl tert-Butyl Ether
Concen: 0.326 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

Tgt Ion: 73 Resp: 116
Ion Ratio Lower Upper
73 100
43 10.7 14.8 22.2

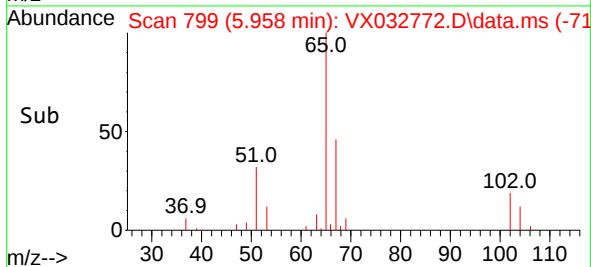
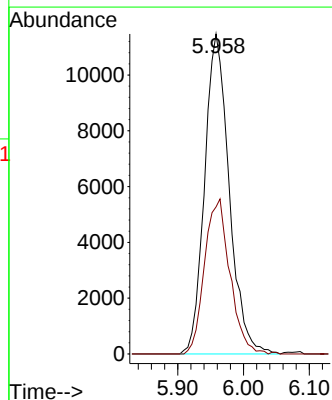
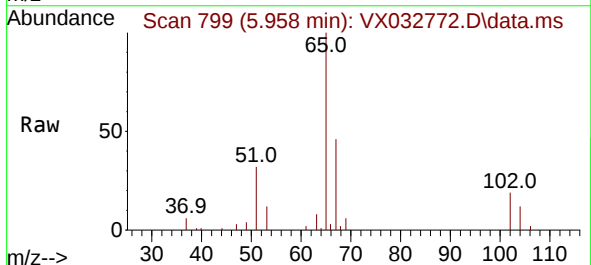
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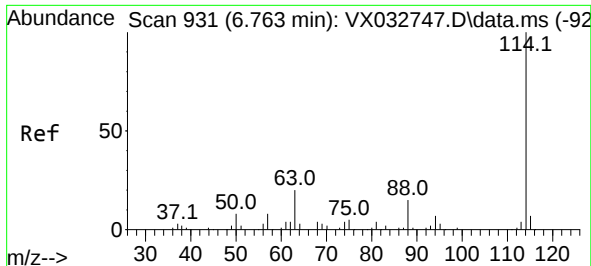
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#27
1,2-Dichloroethane-d4
Concen: 30.117 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

Tgt Ion: 65 Resp: 29819
Ion Ratio Lower Upper
65 100
67 49.7 41.8 62.6





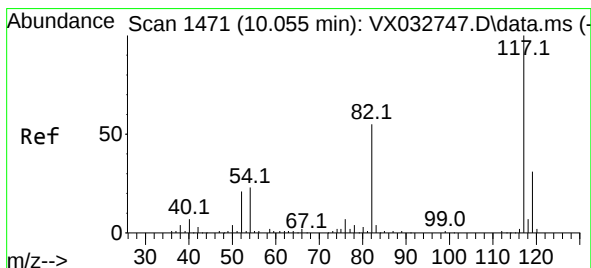
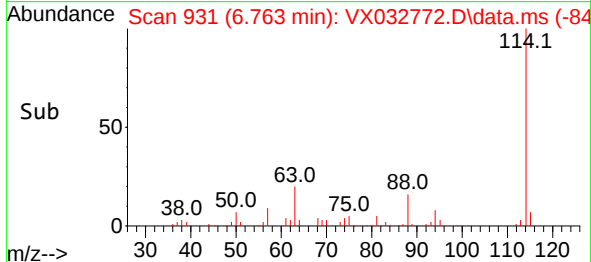
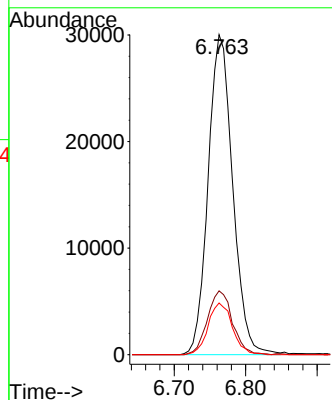
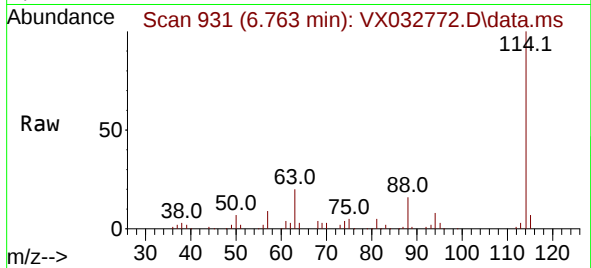
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)

Tgt Ion:114 Resp: 7165
Ion Ratio Lower Upper
114 100
63 20.3 13.6 20.4
88 16.0 11.8 17.6

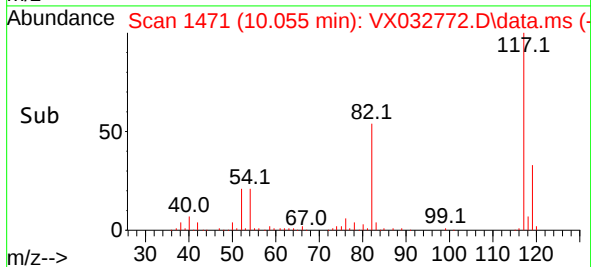
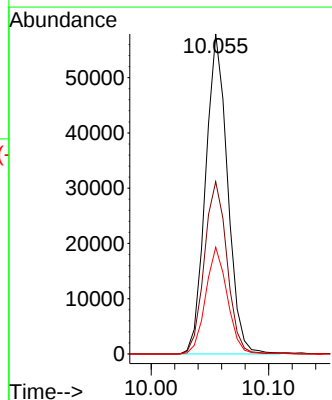
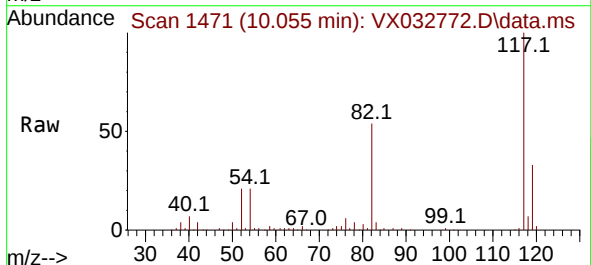
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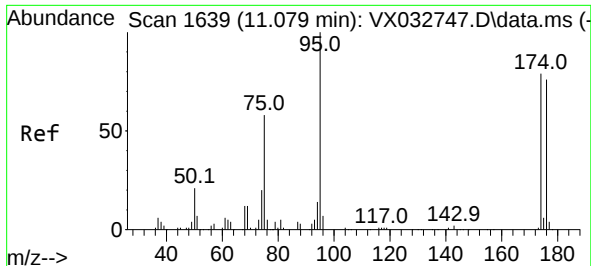
Reviewed By :John Carlone 11/14/2022
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

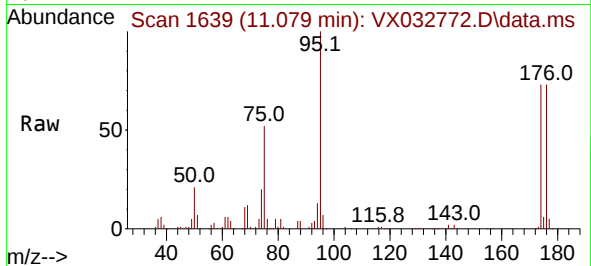
Tgt Ion:117 Resp: 75335
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 32.7 26.0 39.0





#60
4-Bromofluorobenzene
Concen: 27.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15

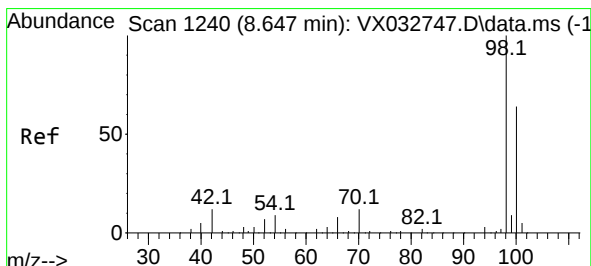
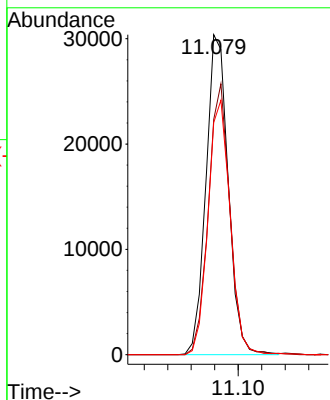
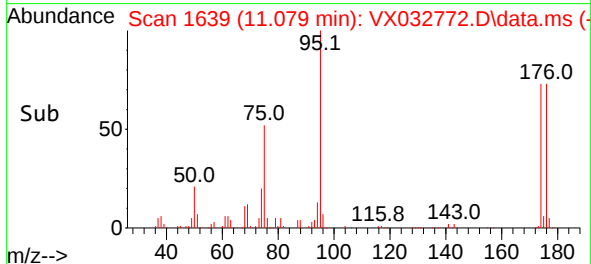
Instrument :
MSVOA_X
ClientSampleId :
B-1(OW)



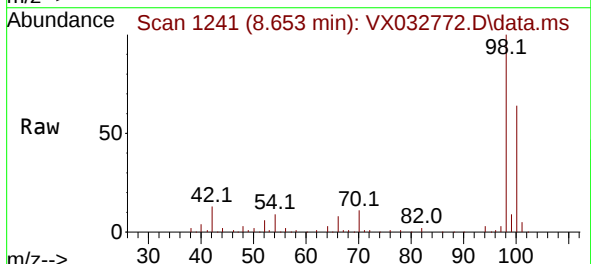
Tgt Ion: 95 Resp: 39958
Ion Ratio Lower Upper
95 100
174 82.0 68.2 102.2
176 78.7 68.1 102.1

Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2022



#63
Toluene-d8
Concen: 29.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032772.D
Acq: 11 Nov 2022 14:15



Tgt Ion: 98 Resp: 76102
Ion Ratio Lower Upper
98 100
100 63.6 53.8 80.8

