

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039039.D
 Acq On : 27 Nov 2023 14:37
 Operator : JC/MD
 Sample : 05525-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP12

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 01:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	9357	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	72128	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	89504	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	41017	32.042	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	106.800%	
60) 4-Bromofluorobenzene	11.079	95	56423	28.862	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.200%	
63) Toluene-d8	8.647	98	107857	30.479	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.600%	
Target Compounds						
15) Acetone	2.374	58	636m	1.802	ug/l	Qvalue
16) Carbon Disulfide	2.508	76	3402	0.883	ug/l	97
24) Methyl tert-Butyl Ether	3.111	73	4149	0.885	ug/l #	83

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

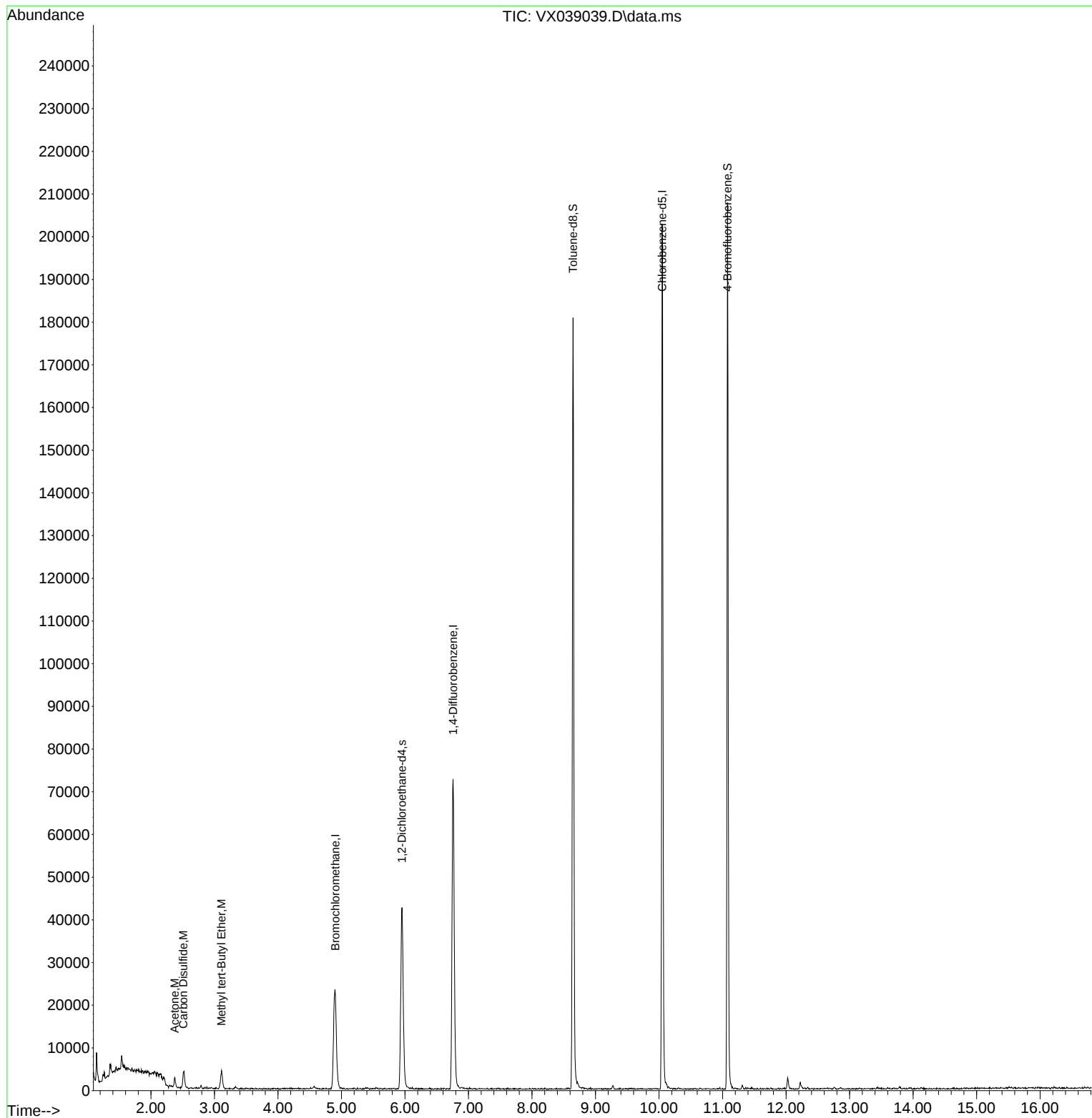
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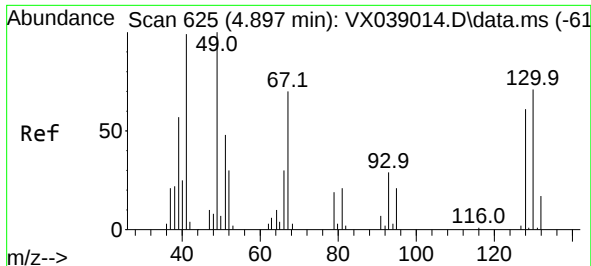
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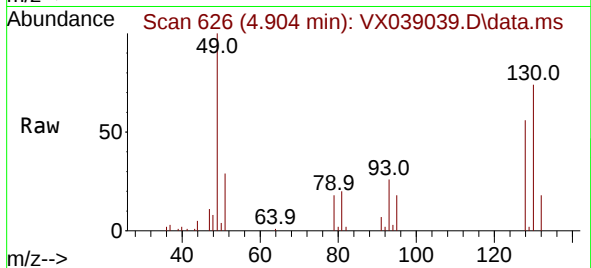
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

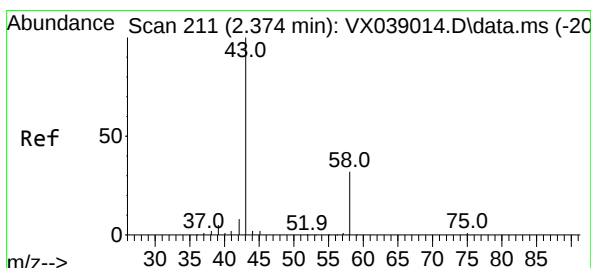
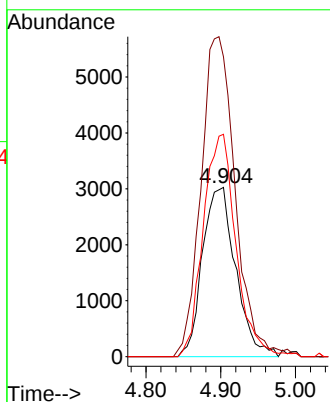
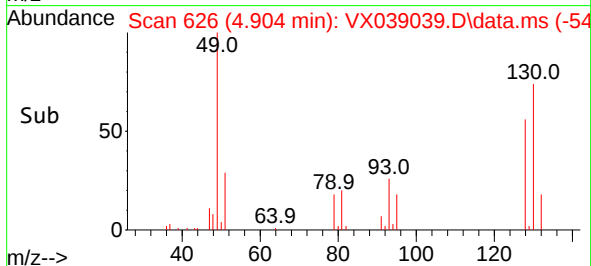
Instrument :
MSVOA_X
ClientSampleId :
TWP12



Tgt Ion:128 Resp: 935
Ion Ratio Lower Upper
128 100
49 192.3 0.0 444.0
130 129.4 0.0 297.8

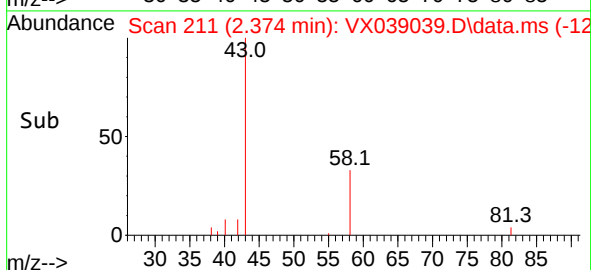
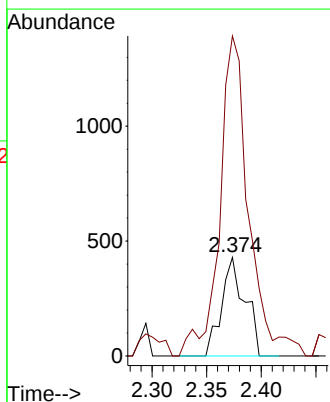
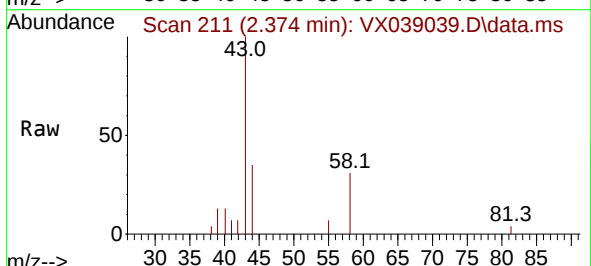
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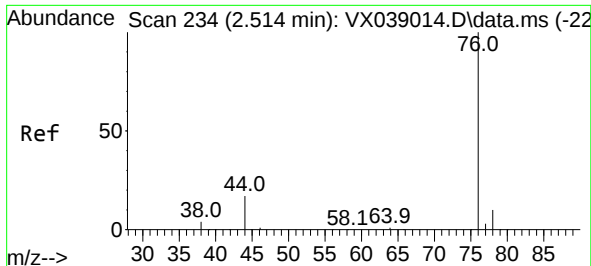
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#15
Acetone
Concen: 1.802 ug/l m
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

Tgt Ion: 58 Resp: 636
Ion Ratio Lower Upper
58 100
43 324.7 249.9 374.9





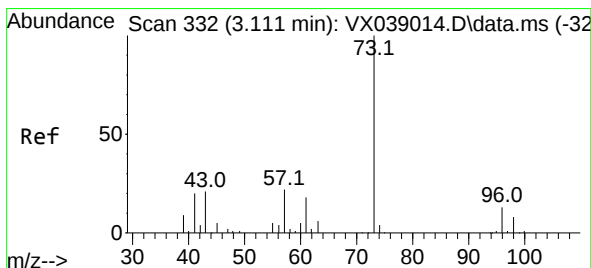
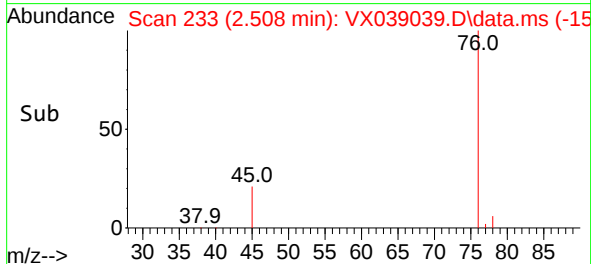
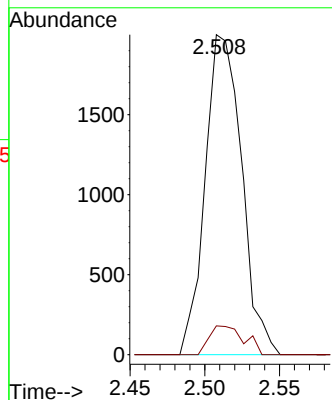
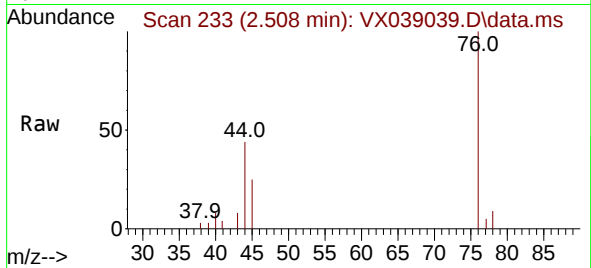
#16
Carbon Disulfide
Concen: 0.883 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
TWP12

Tgt Ion: 76 Resp: 340
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0

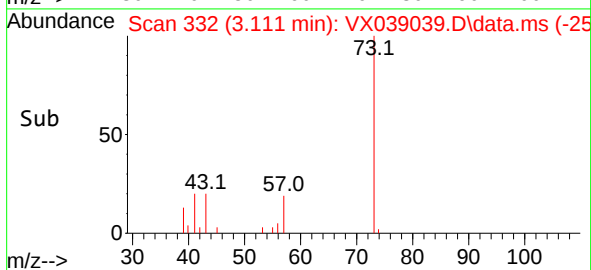
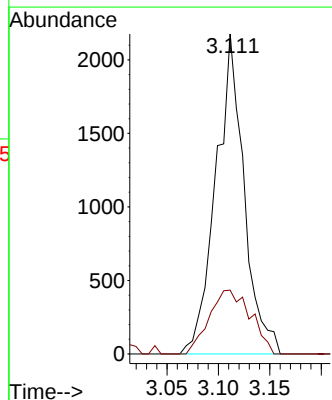
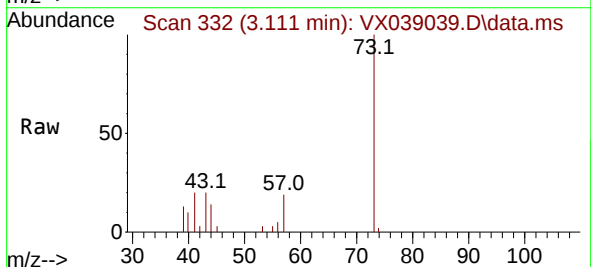
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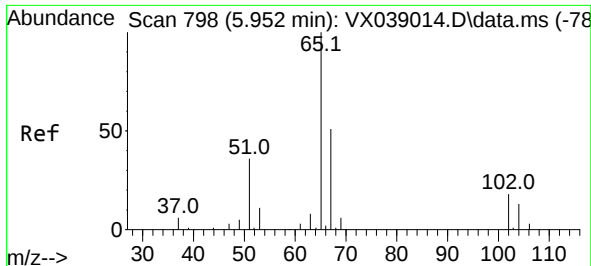
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#24
Methyl tert-Butyl Ether
Concen: 0.885 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

Tgt Ion: 73 Resp: 4149
Ion Ratio Lower Upper
73 100
43 29.3 17.0 25.6#





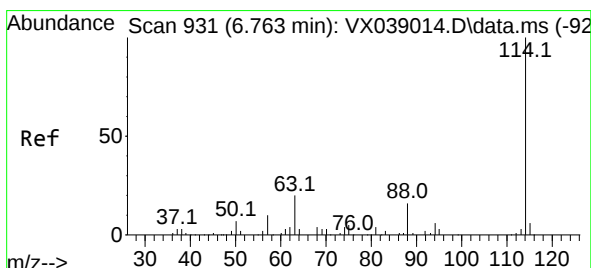
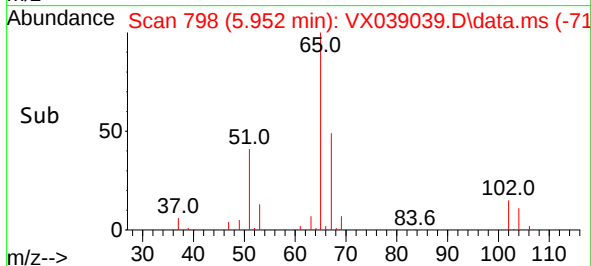
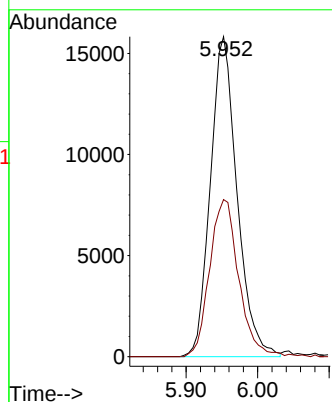
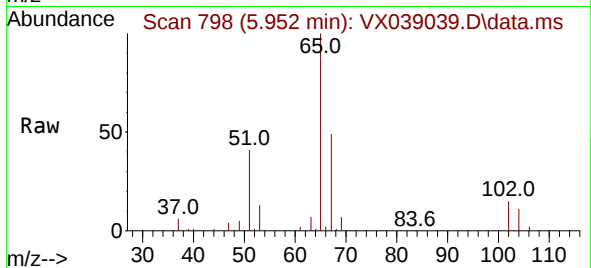
#27
1,2-Dichloroethane-d4
Concen: 32.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
TWP12

Tgt Ion: 65 Resp: 4101
Ion Ratio Lower Upper
65 100
67 53.4 42.5 63.7

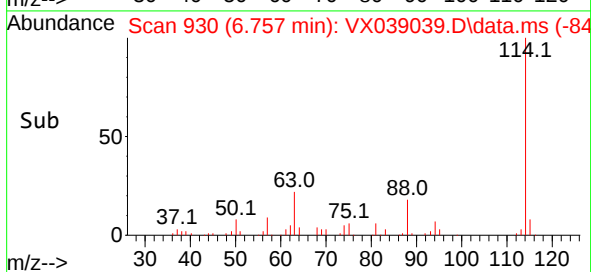
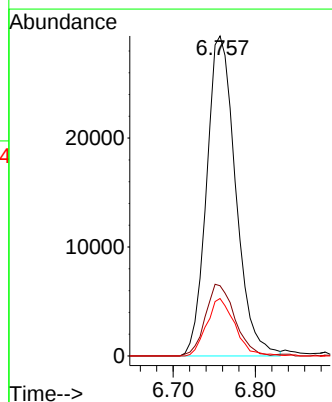
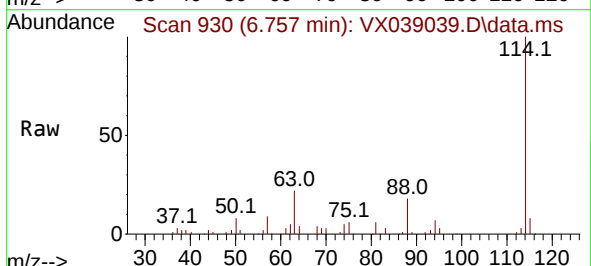
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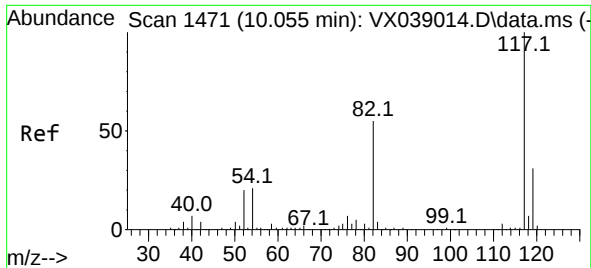
Reviewed By :John Carlone 11/28/2023
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

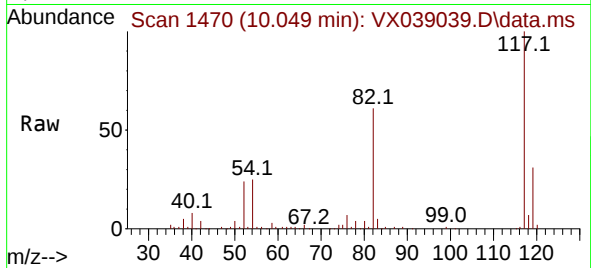
Tgt Ion:114 Resp: 72128
Ion Ratio Lower Upper
114 100
63 22.6 17.0 25.4
88 17.5 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

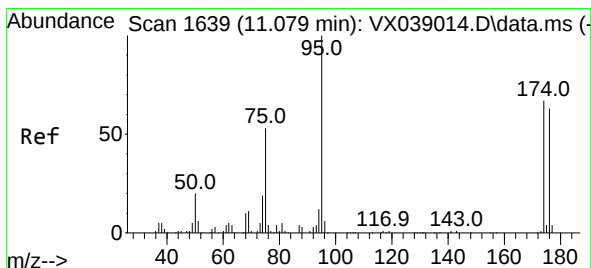
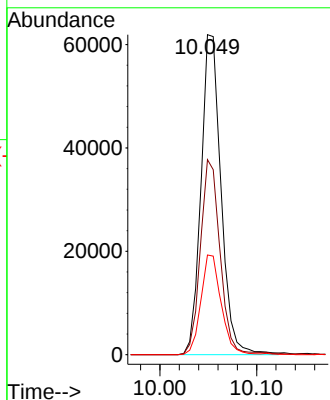
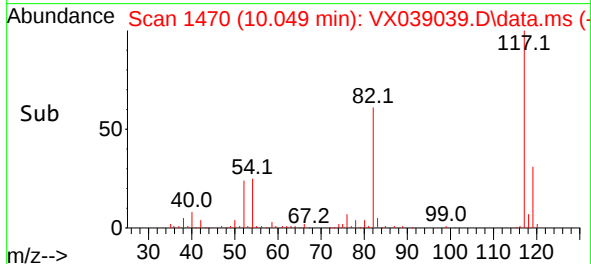
Instrument :
MSVOA_X
ClientSampleId :
TWP12



Tgt Ion: 117 Resp: 89504
Ion Ratio Lower Upper
117 100
82 59.5 47.0 70.6
119 31.5 25.2 37.8

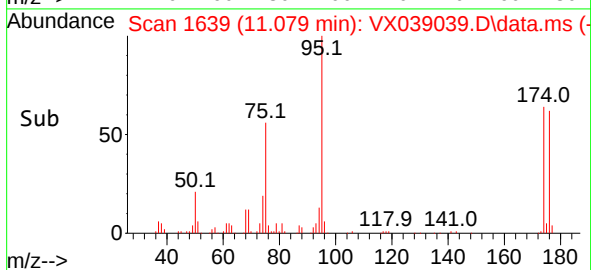
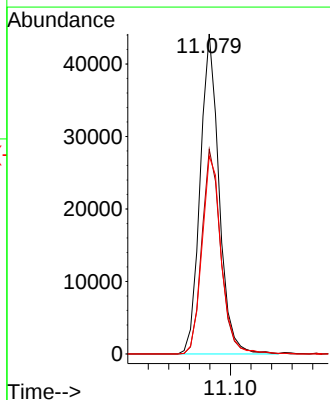
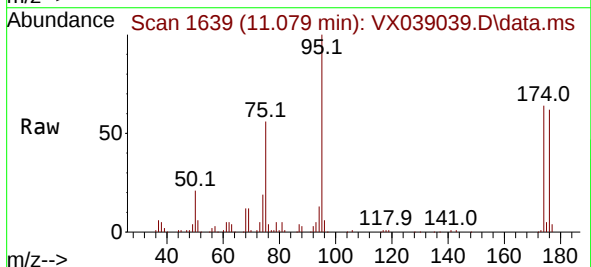
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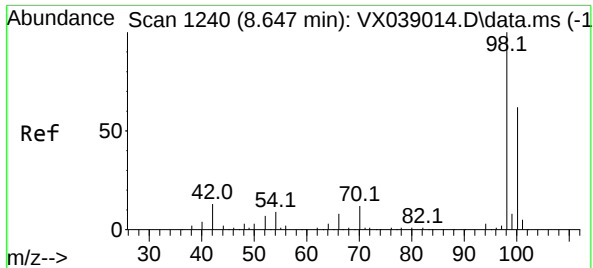
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
4-Bromofluorobenzene
Concen: 28.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

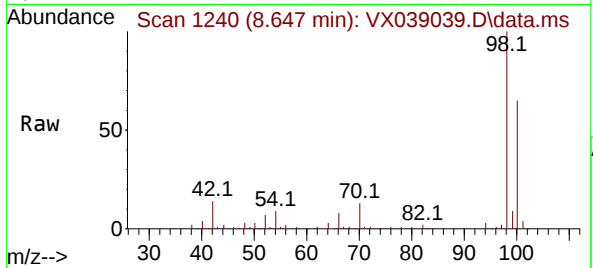
Tgt Ion: 95 Resp: 56423
Ion Ratio Lower Upper
95 100
174 63.6 55.4 83.2
176 63.3 52.6 78.8





#63
Toluene-d8
Concen: 30.479 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039039.D
Acq: 27 Nov 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
TWP12



Tgt Ion: 98 Resp: 10785
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

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