

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041546.D
 Acq On : 15 May 2024 17:52
 Operator : JC/MD
 Sample : P2479-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240502023-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 05:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28124	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	148912	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	120333	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63729	28.775	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.900%	
60) 4-Bromofluorobenzene	11.079	95	59522	31.686	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	105.633%	
63) Toluene-d8	8.647	98	179470	34.793	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	115.967%#	
Target Compounds						
15) Acetone	2.386	58	347	1.359	ug/l	Qvalue 83
23) tert-Butyl Alcohol	2.995	59	6275m	15.520	ug/l	

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

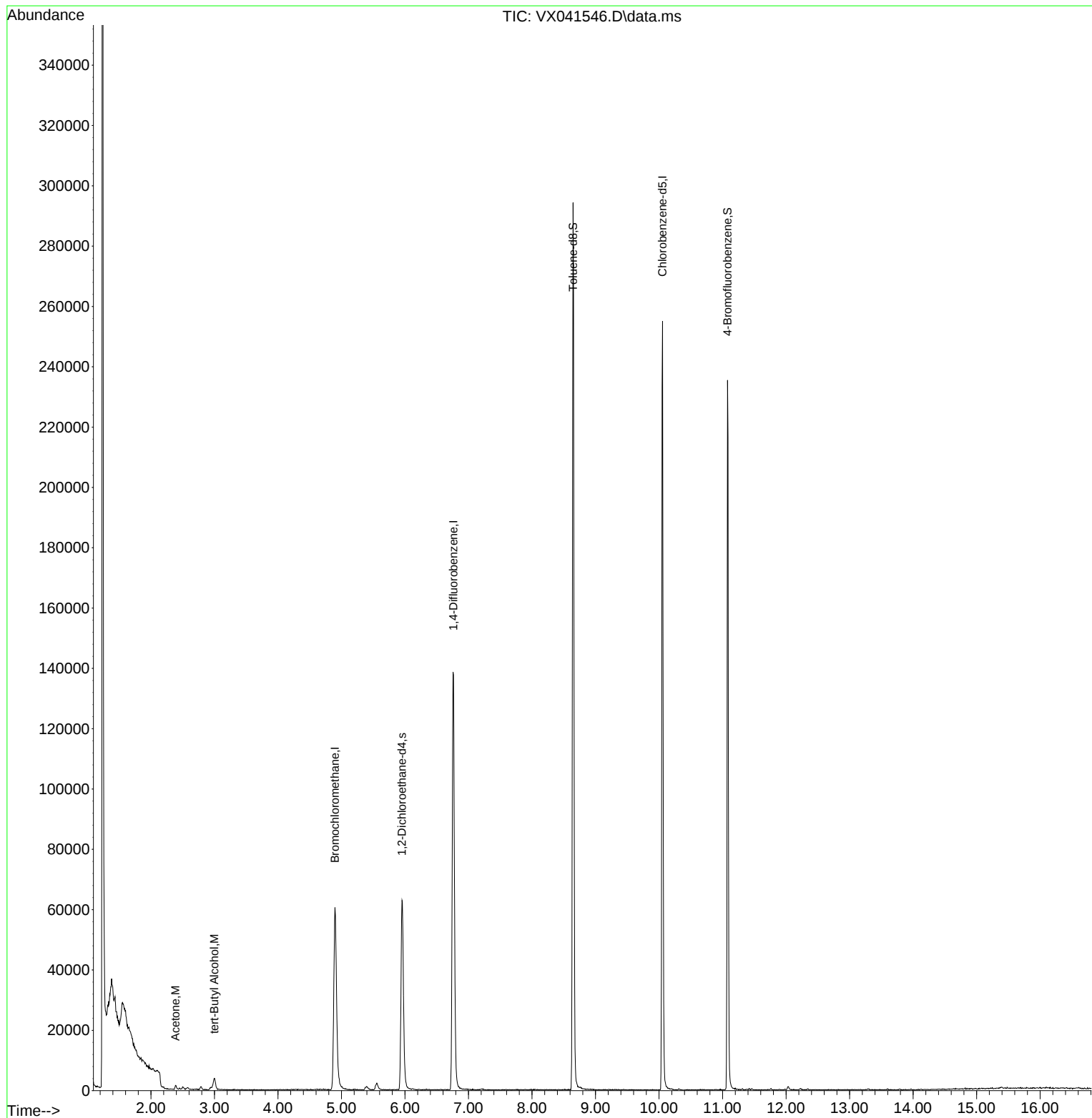
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
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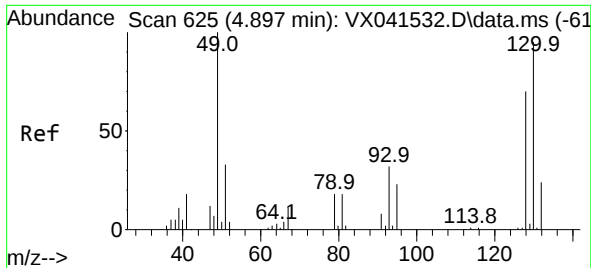
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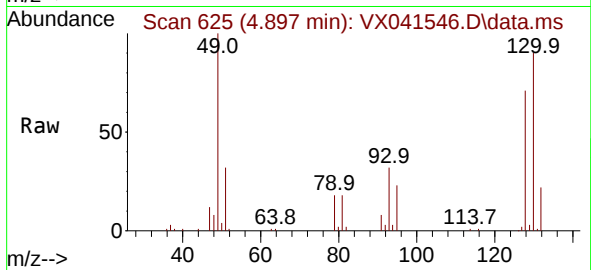
Quant Time: May 16 05:29:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

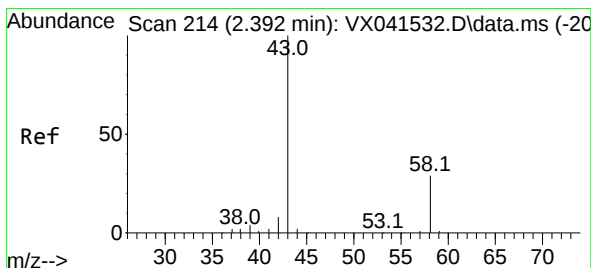
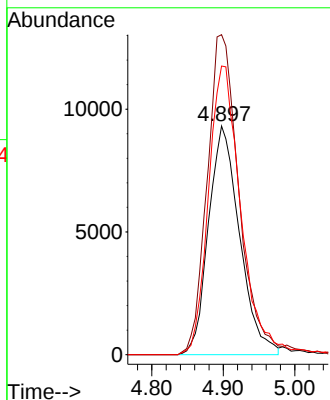
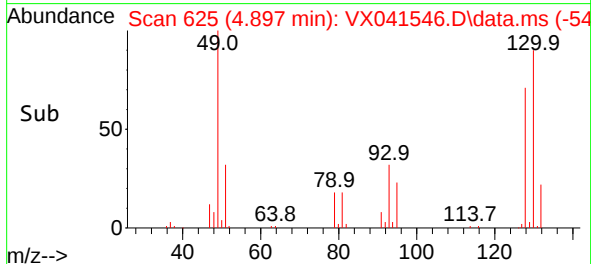
Instrument :
MSVOA_X
ClientSampleId :
240502023-01



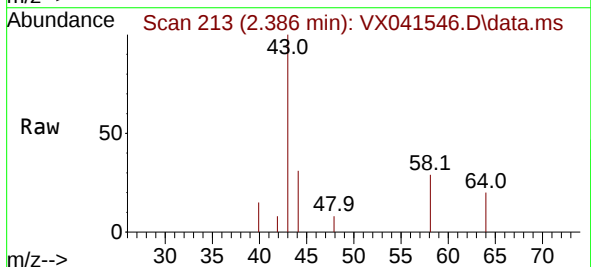
Tgt Ion:128 Resp: 28124
Ion Ratio Lower Upper
128 100
49 143.3 0.0 361.5
130 129.5 0.0 324.3

Manual Integrations
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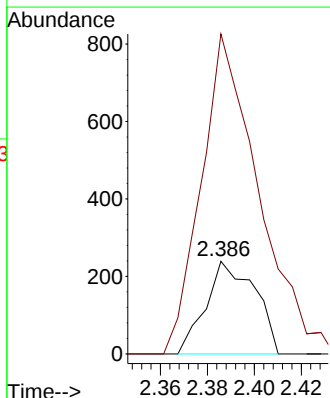
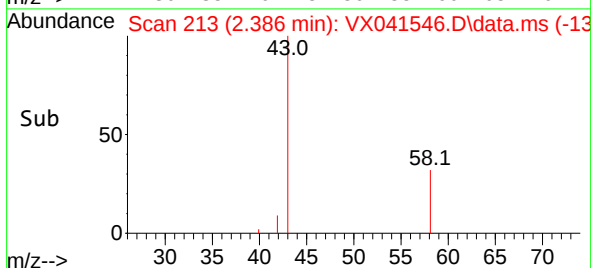
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

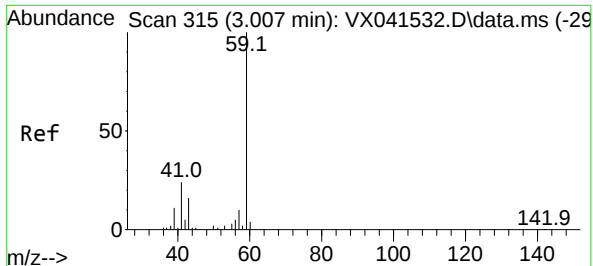


#15
Acetone
Concen: 1.359 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52



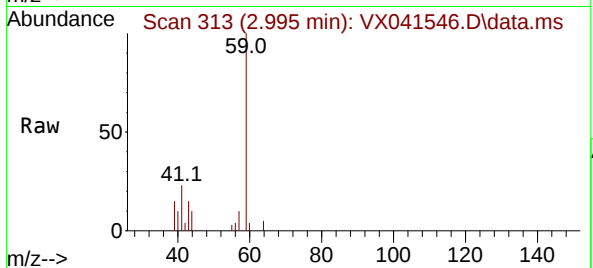
Tgt Ion: 58 Resp: 347
Ion Ratio Lower Upper
58 100
43 306.7 274.0 411.0





#23
tert-Butyl Alcohol
Concen: 15.520 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

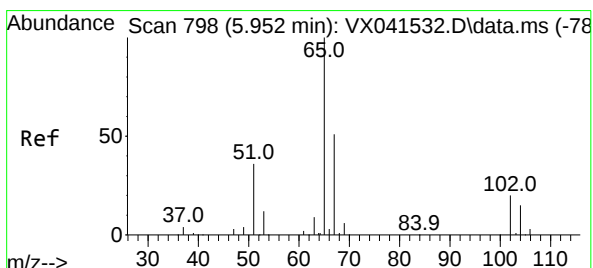
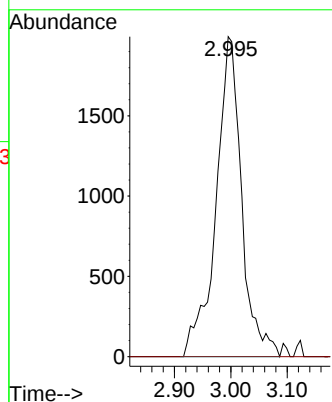
Instrument :
MSVOA_X
ClientSampleId :
240502023-01



Tgt Ion: 59 Resp: 6275
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

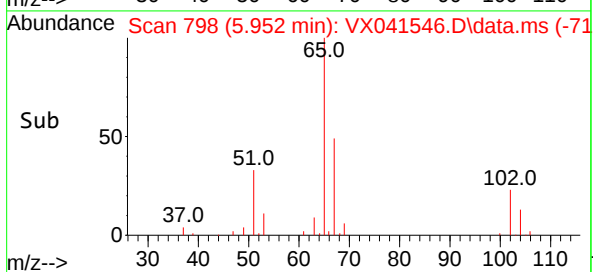
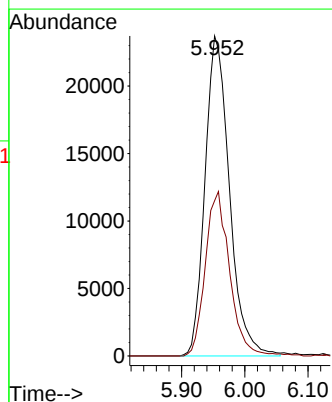
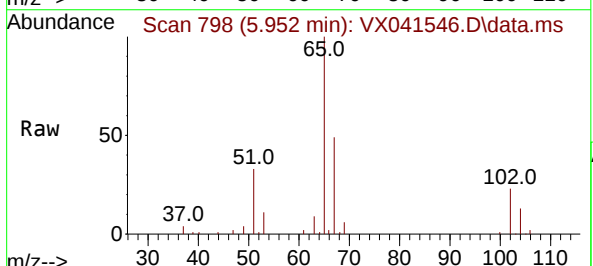
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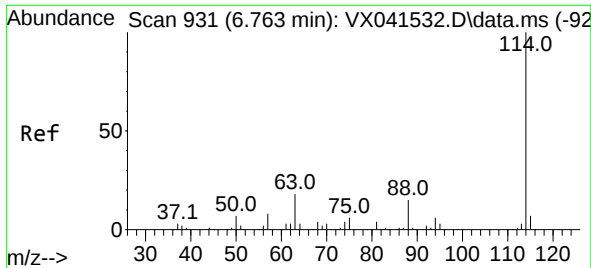
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#27
1,2-Dichloroethane-d4
Concen: 28.775 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

Tgt Ion: 65 Resp: 63729
Ion Ratio Lower Upper
65 100
67 51.2 40.8 61.2





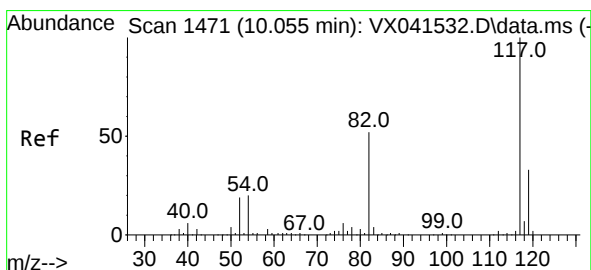
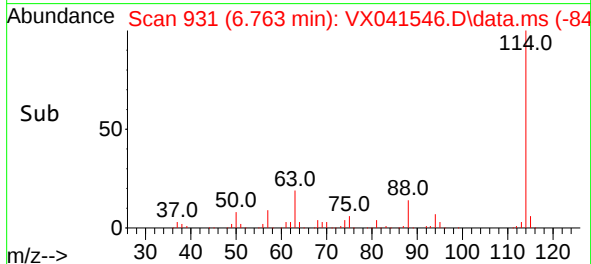
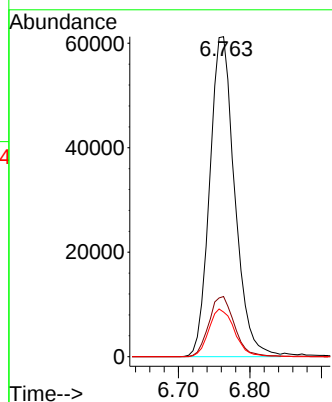
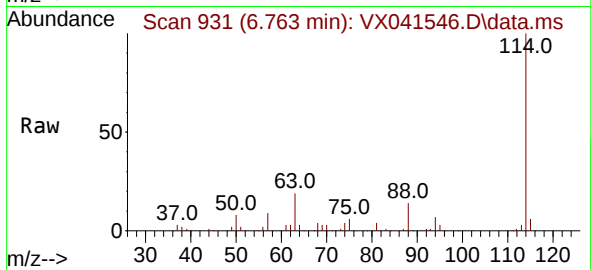
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
240502023-01

Tgt Ion:114 Resp: 148912
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 15.3 12.2 18.2

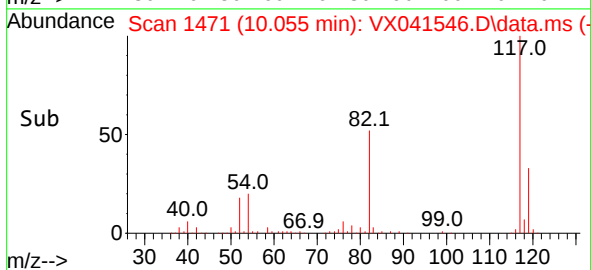
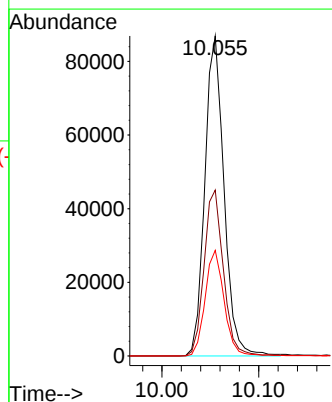
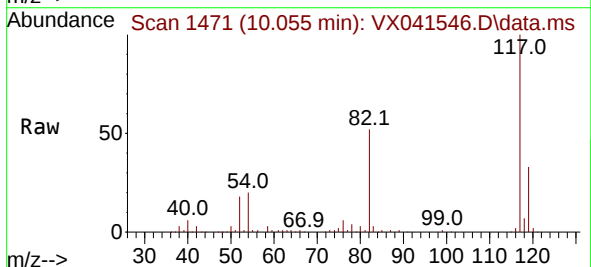
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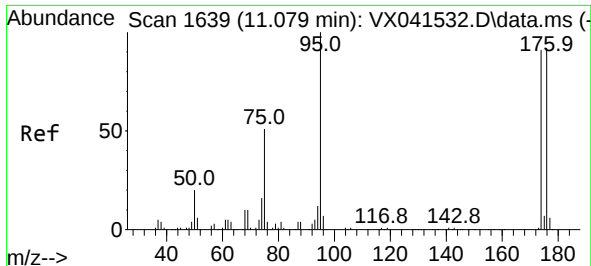
Reviewed By :John Carlone 05/16/2024
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

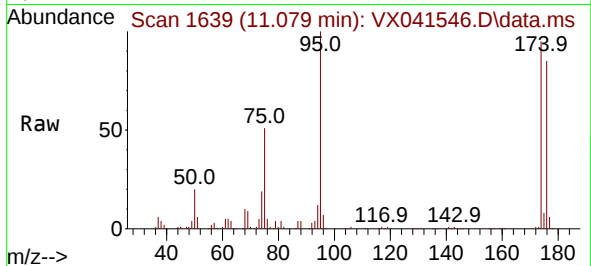
Tgt Ion:117 Resp: 120333
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 32.8 25.7 38.5





#60
4-Bromofluorobenzene
Concen: 31.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

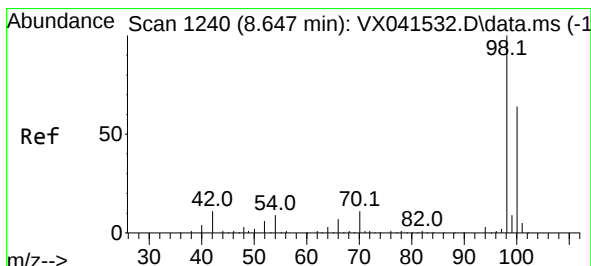
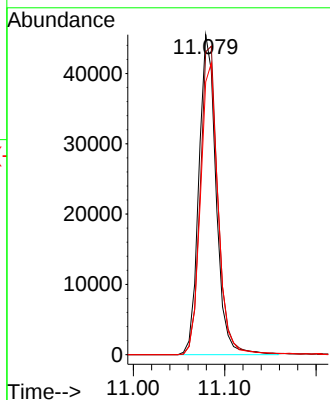
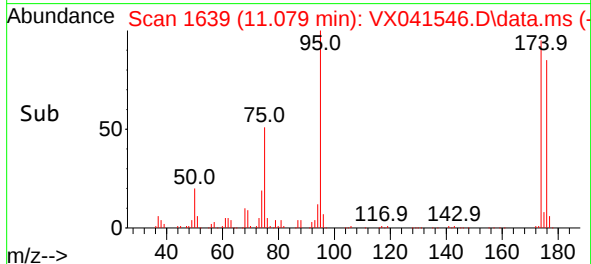
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Tgt Ion: 95 Resp: 5952
Ion Ratio Lower Upper
95 100
174 98.8 76.6 115.0
176 93.6 75.4 113.0

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Supervised By :Mahesh Dadoda 05/16/2024



#63
Toluene-d8
Concen: 34.793 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041546.D
Acq: 15 May 2024 17:52

Tgt Ion: 98 Resp: 179470
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

