

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032832.D
 Acq On : 15 Nov 2022 18:53
 Operator : JC/MD
 Sample : N5614-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Quant Time: Nov 16 03:35:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	100275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70438	50.555	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.100%		
35) Dibromofluoromethane	5.385	113	57455	48.168	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.340%		
50) Toluene-d8	8.647	98	208724	50.323	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.640%		
62) 4-Bromofluorobenzene	11.079	95	78878	48.685	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	8930m	44.035	ug/l	
19) Methyl tert-butyl Ether	3.111	73	4077	1.153	ug/l #	49
22) Diisopropyl ether	3.764	45	3202	0.923	ug/l	89
40) Benzene	6.050	78	1896	0.403	ug/l	94
67) Ethyl Benzene	10.195	91	2061	0.343	ug/l	93

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

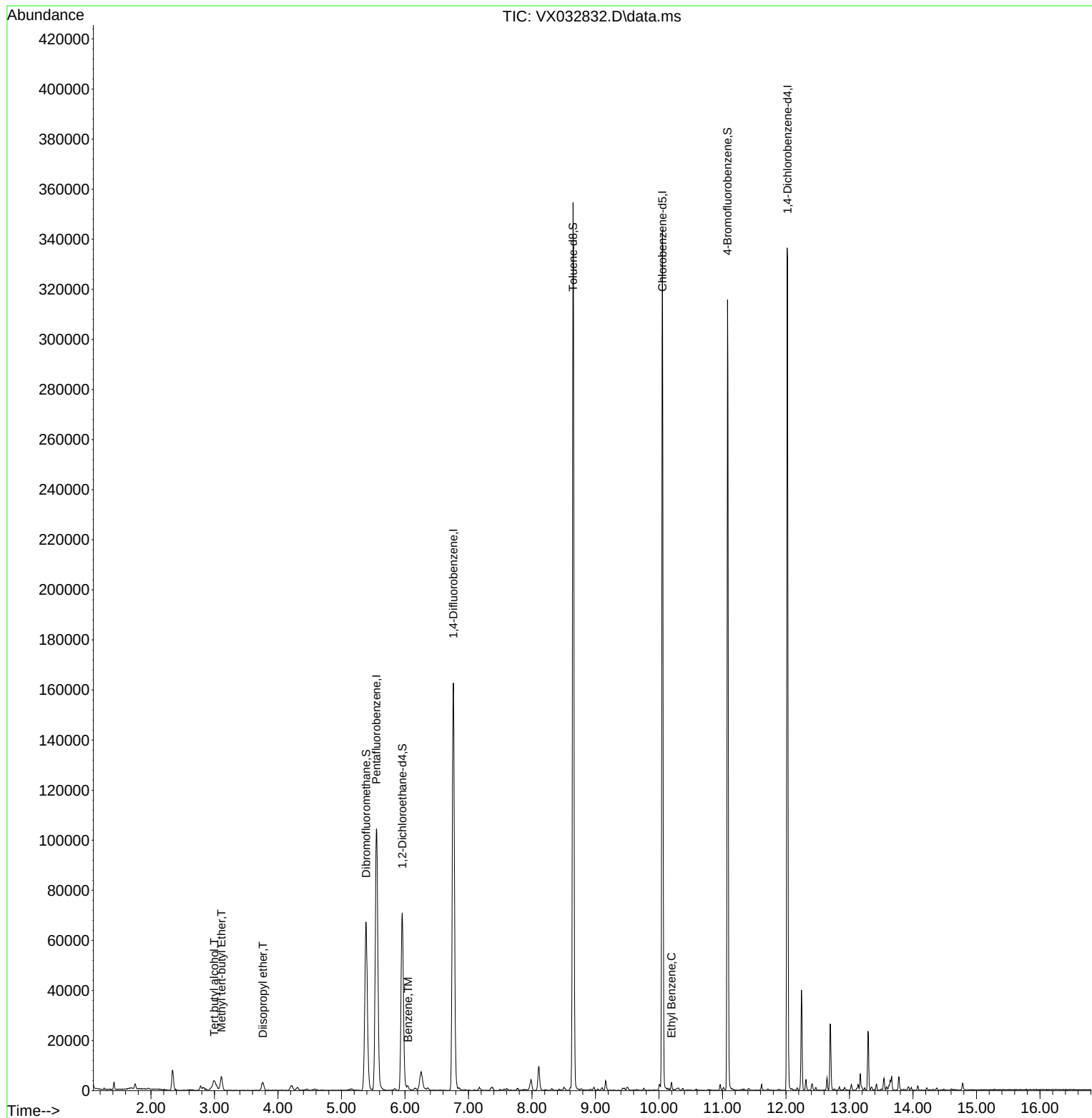
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
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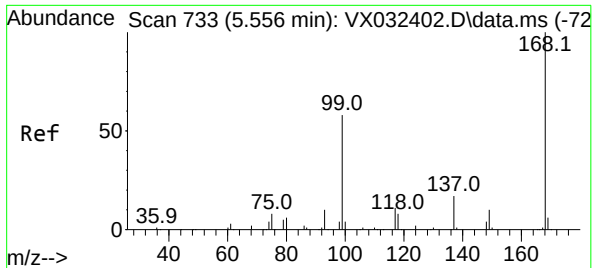
Instrument :
MSVOA_X
ClientSampleId :
MW-27

Quant Time: Nov 16 03:35:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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APPROVED

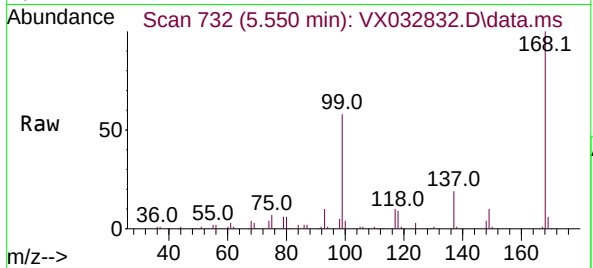
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

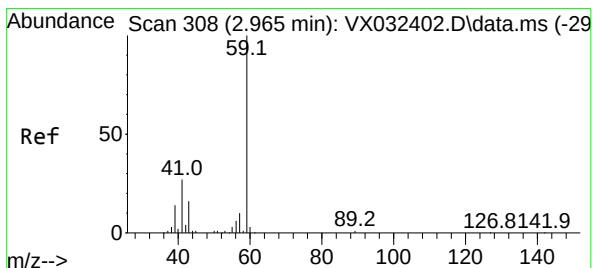
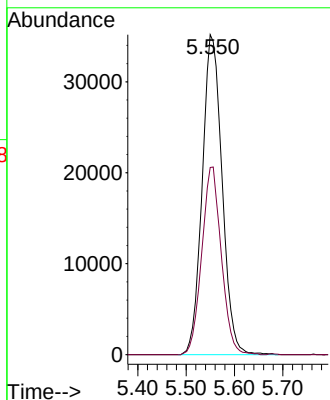
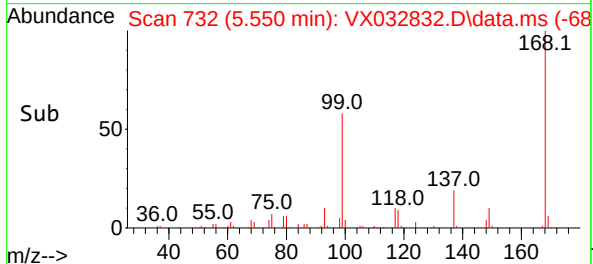
Instrument :
MSVOA_X
ClientSampleId :
MW-27



Tgt Ion:168 Resp: 100275
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1

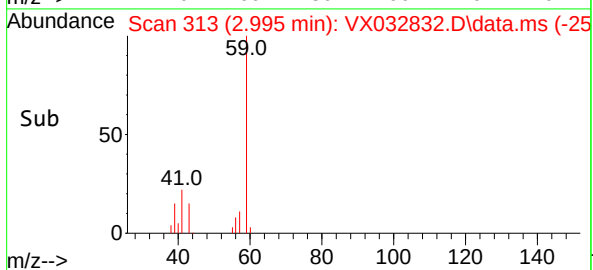
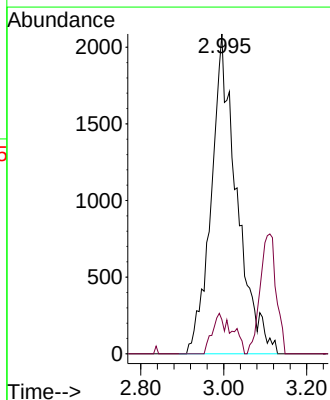
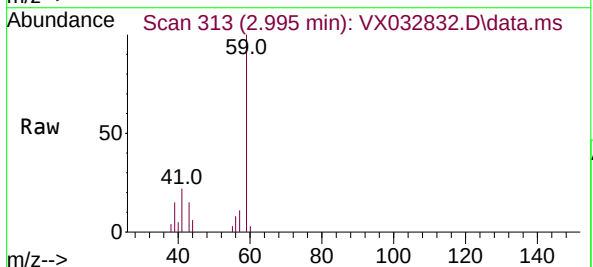
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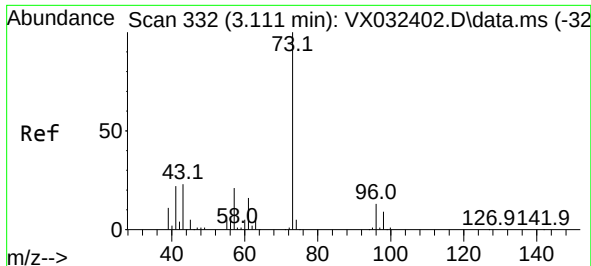
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#11
Tert butyl alcohol
Concen: 44.035 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.031 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

Tgt Ion: 59 Resp: 8930
Ion Ratio Lower Upper
59 100
57 8.2 8.2 12.4#





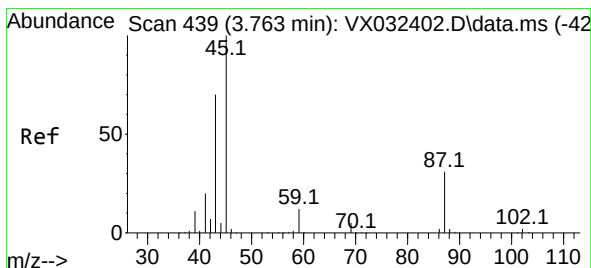
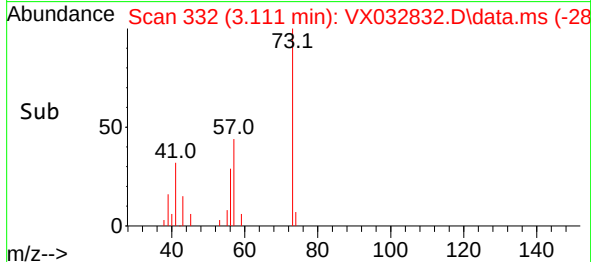
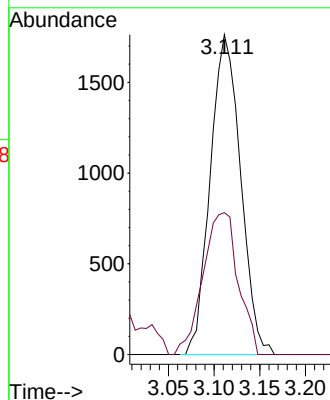
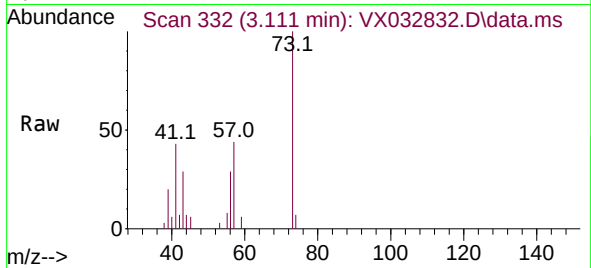
#19
Methyl tert-butyl Ether
Concen: 1.153 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 73 Resp: 4072
Ion Ratio Lower Upper
73 100
57 44.4 16.6 25.0

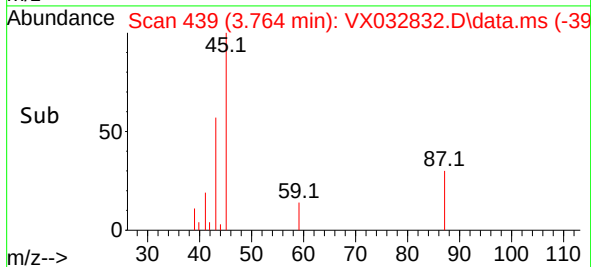
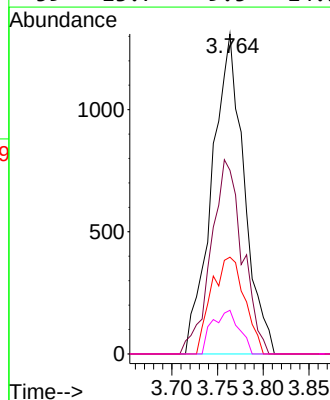
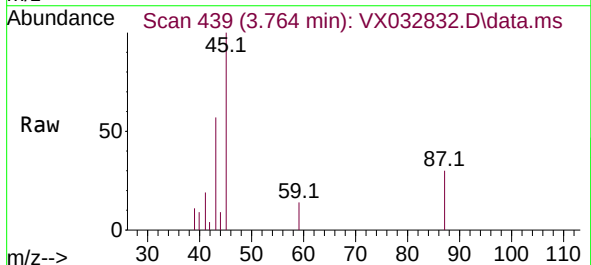
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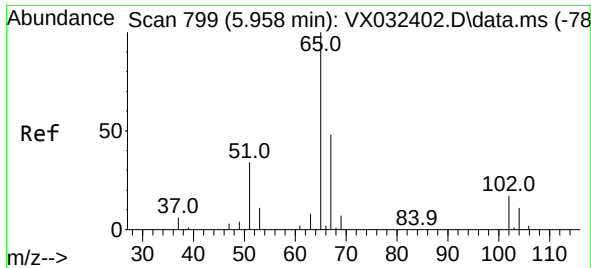
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#22
Diisopropyl ether
Concen: 0.923 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

Tgt Ion: 45 Resp: 3202
Ion Ratio Lower Upper
45 100
43 57.4 56.4 84.6
87 30.2 24.4 36.6
59 13.7 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 50.555 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032832.D

Acq: 15 Nov 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

MW-27

Tgt Ion: 65 Resp: 70438

Ion Ratio Lower Upper

65 100

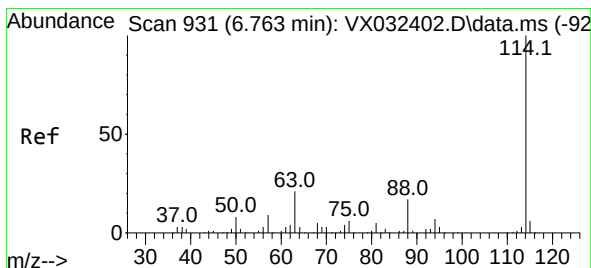
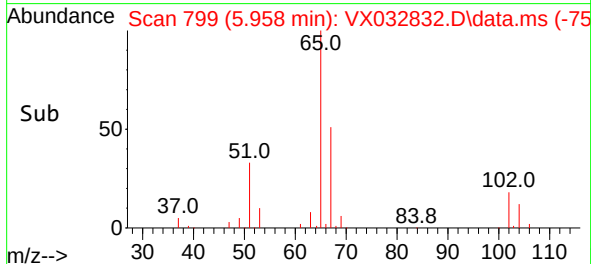
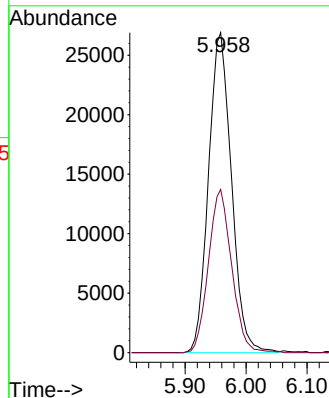
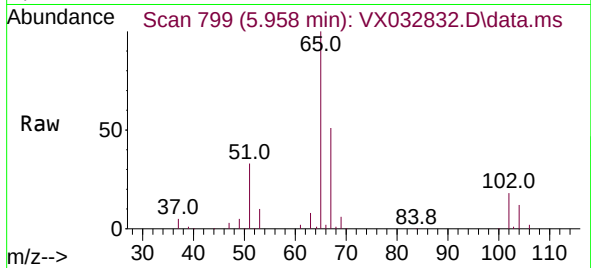
67 51.5 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032832.D

Acq: 15 Nov 2022 18:53

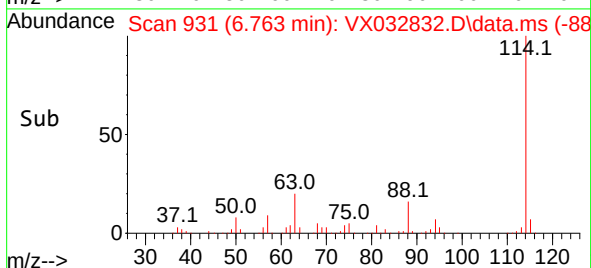
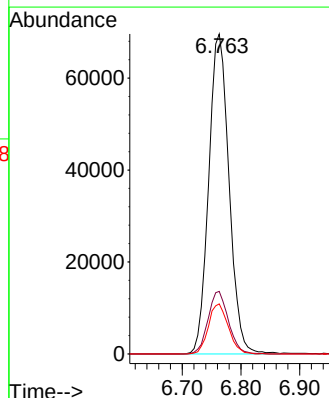
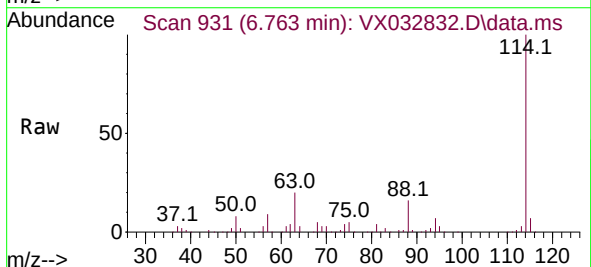
Tgt Ion:114 Resp: 167222

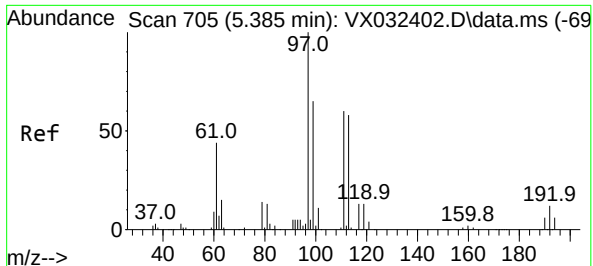
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

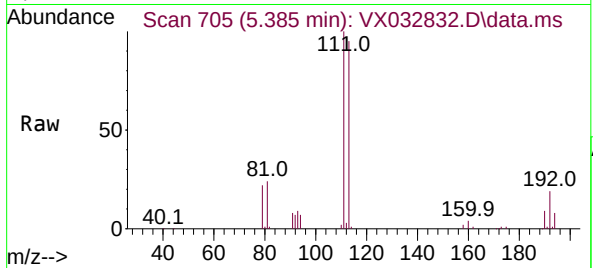
88 15.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 48.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

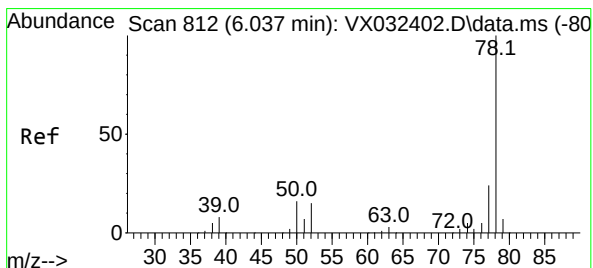
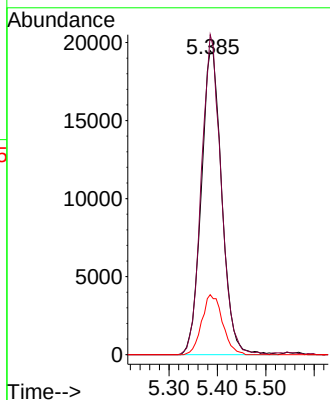
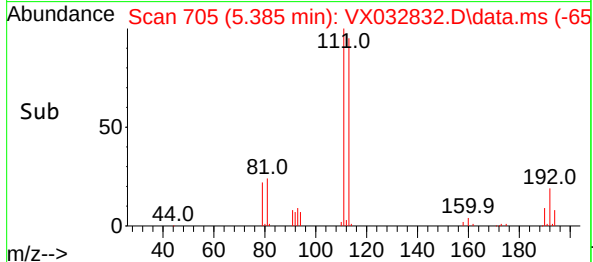
Instrument :
MSVOA_X
ClientSampleId :
MW-27



Tgt Ion:113 Resp: 5745
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.8 15.4 23.2

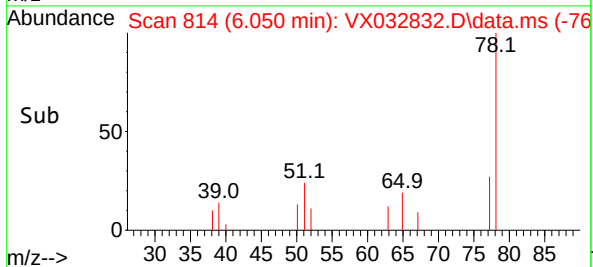
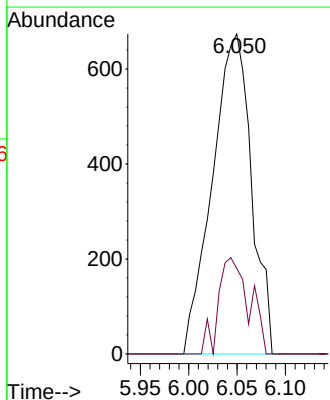
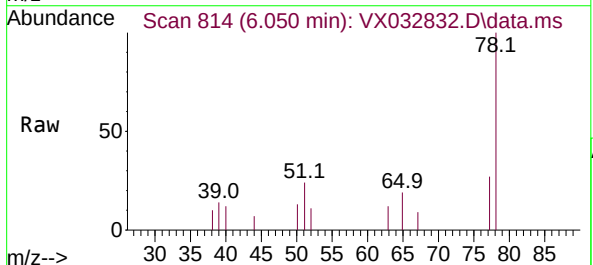
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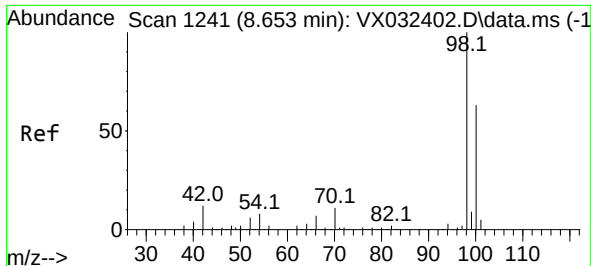
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#40
Benzene
Concen: 0.403 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

Tgt Ion: 78 Resp: 1896
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.4





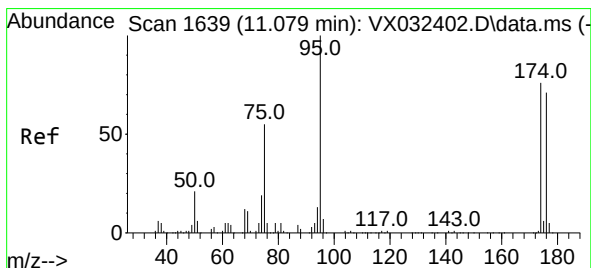
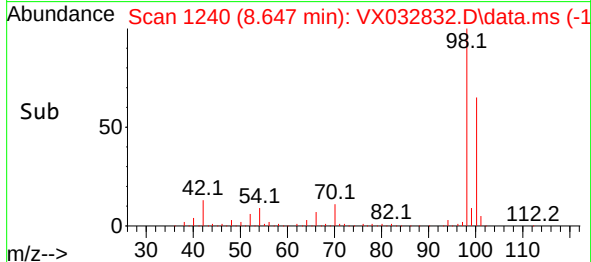
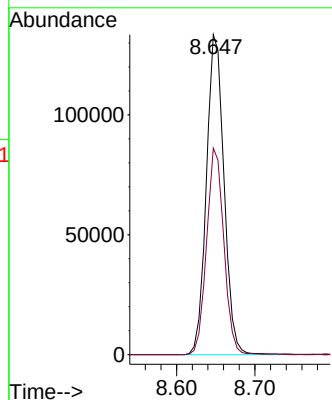
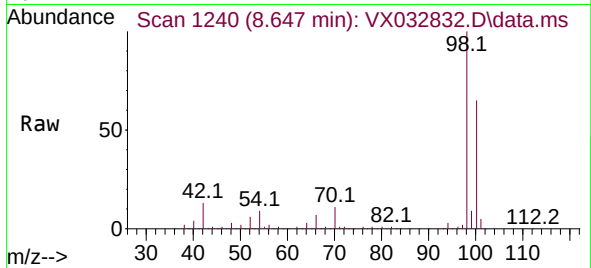
#50
Toluene-d8
Concen: 50.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 98 Resp: 208724
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

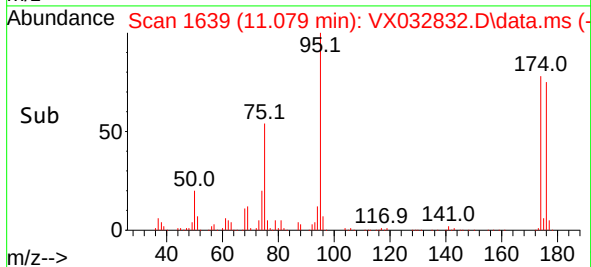
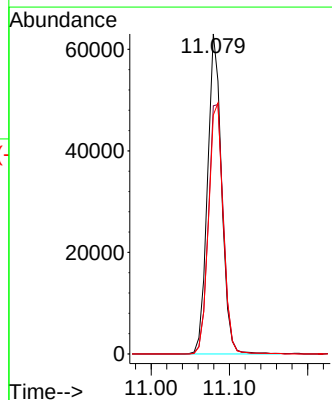
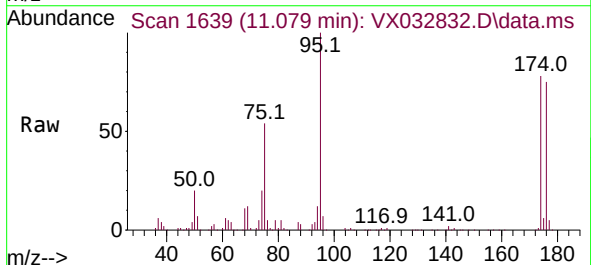
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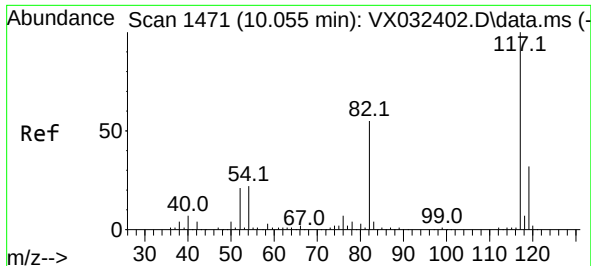
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

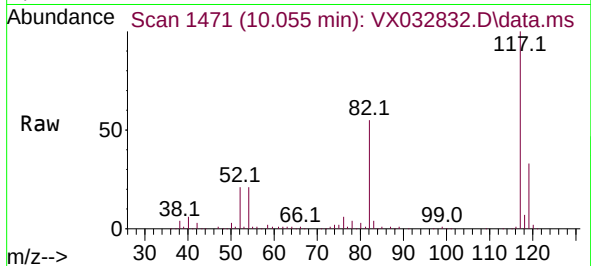
Tgt Ion: 95 Resp: 78878
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 81.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

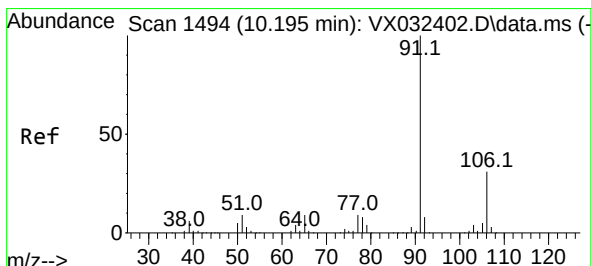
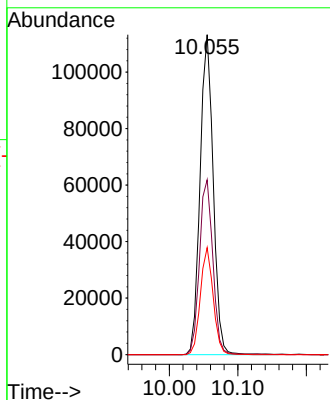
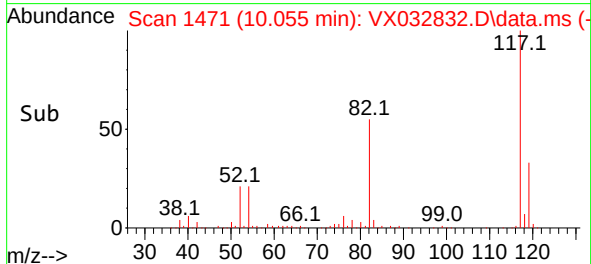
Instrument :
MSVOA_X
ClientSampleId :
MW-27



Tgt Ion: 117 Resp: 149878
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.4 25.7 38.5

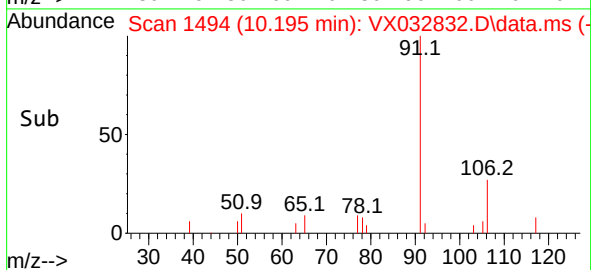
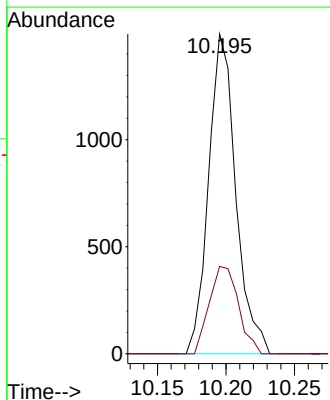
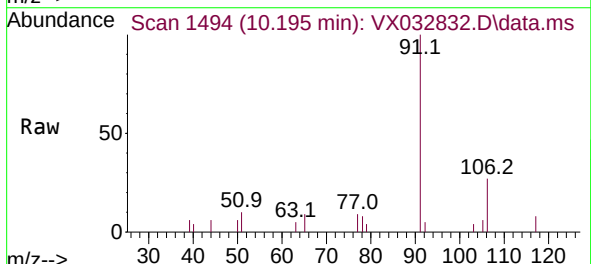
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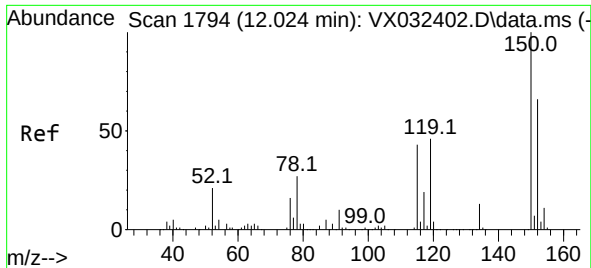
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#67
Ethyl Benzene
Concen: 0.343 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032832.D
Acq: 15 Nov 2022 18:53

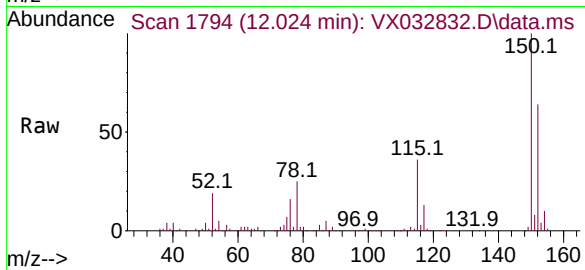
Tgt Ion: 91 Resp: 2061
Ion Ratio Lower Upper
91 100
106 27.3 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032832.D
 Acq: 15 Nov 2022 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27



Tgt Ion:152 Resp: 71062
 Ion Ratio Lower Upper
 152 100
 115 58.7 44.0 132.0
 150 155.8 0.0 351.8

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