

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040069.D
 Acq On : 01 Feb 2024 14:24
 Operator : JC/MD
 Sample : P1312-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1999

Quant Time: Feb 02 01:41:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/02/2024
 Supervised By : Semsettin Yesilyurt 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66999	47.340	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.680%		
35) Dibromofluoromethane	5.385	113	52609	48.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	8.647	98	187615	46.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.079	95	77834	50.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds					Qvalue	
16) Acetone	2.374	43	4183	6.308	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	1308	0.386	ug/l	98
40) Benzene	6.038	78	12572	2.764	ug/l	93
52) Toluene	8.720	92	47547	16.769	ug/l	96
67) Ethyl Benzene	10.195	91	33823	5.955	ug/l	100
68) m/p-Xylenes	10.299	106	52934	24.775	ug/l	100
69) o-Xylene	10.640	106	24714	12.194	ug/l	96
73) Isopropylbenzene	10.964	105	3895	0.717	ug/l	98
78) n-propylbenzene	11.305	91	25541	3.818	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	38589	8.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	154948	33.232	ug/l	98
85) sec-Butylbenzene	11.890	105	3680m	0.621	ug/l	
86) p-Isopropyltoluene	12.012	119	1921m	0.397	ug/l	
89) n-Butylbenzene	12.323	91	12092	2.575	ug/l #	35
95) Naphthalene	13.774	128	53385	10.310	ug/l	99

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

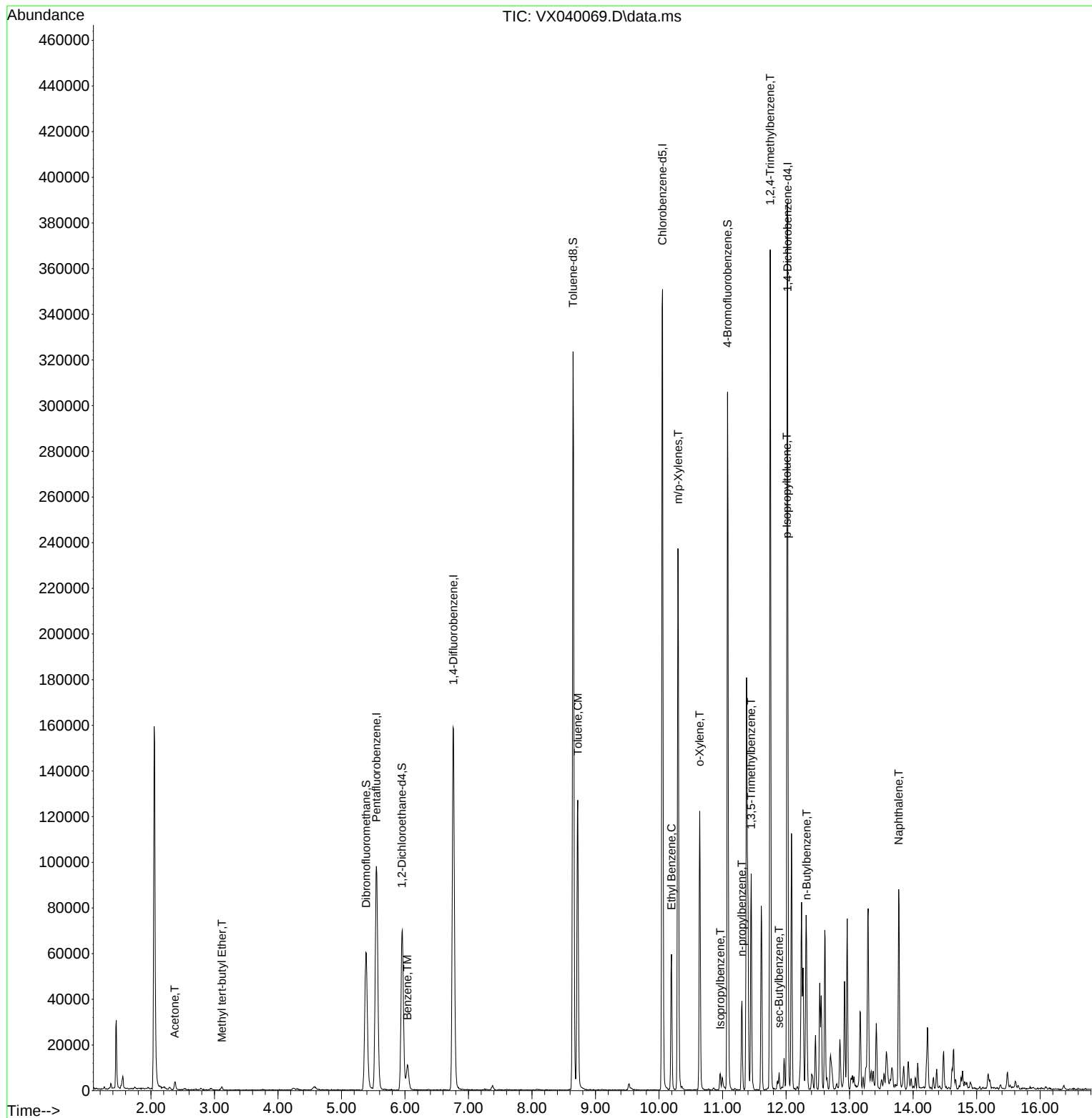
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Data File : VX040069.D
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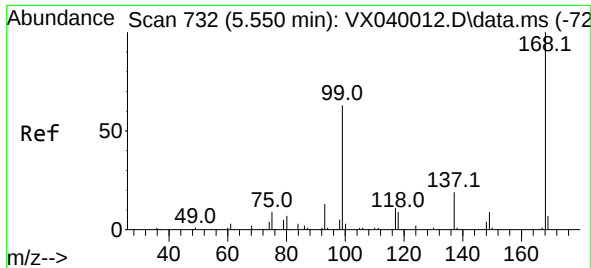
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Quant Time: Feb 02 01:41:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
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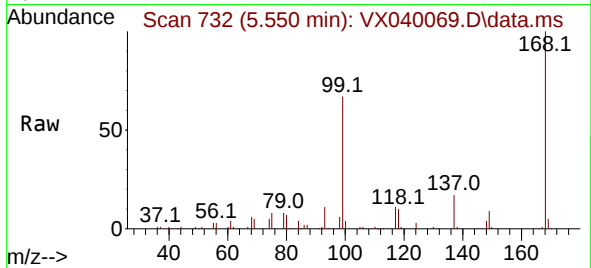
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

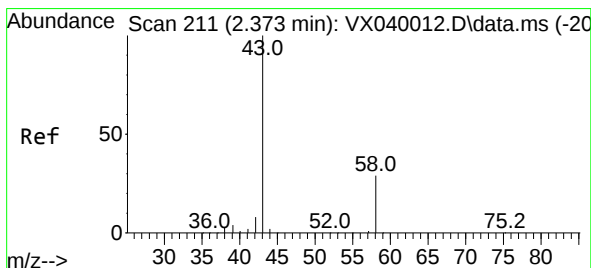
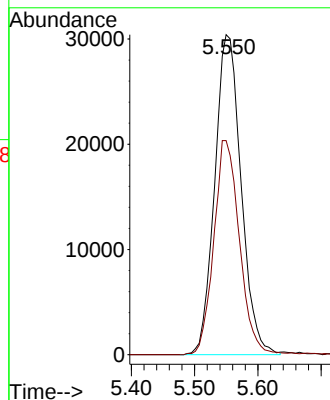
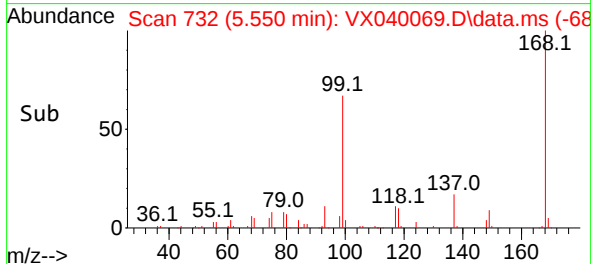
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



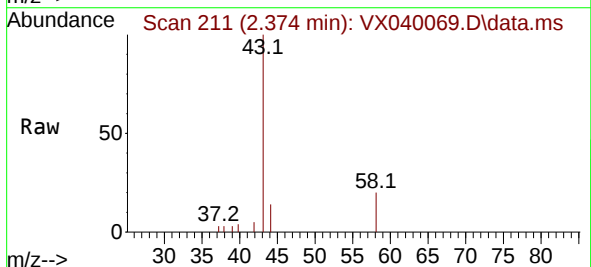
Tgt Ion:168 Resp: 87940
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0

Manual Integrations
APPROVED

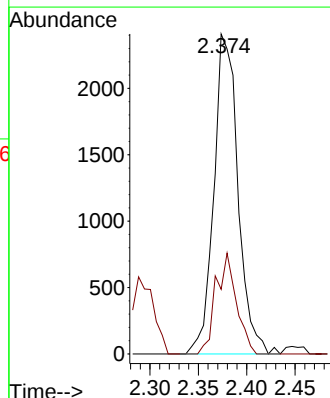
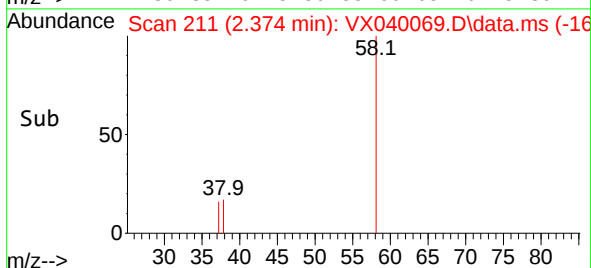
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

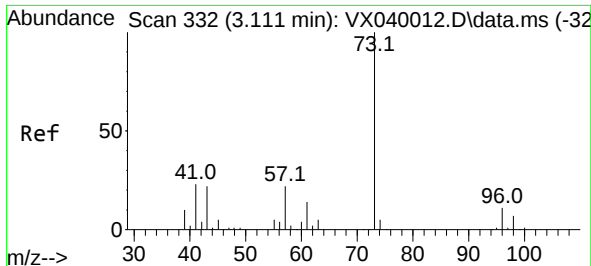


#16
Acetone
Concen: 6.308 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24



Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
58 20.2 21.9 32.9#





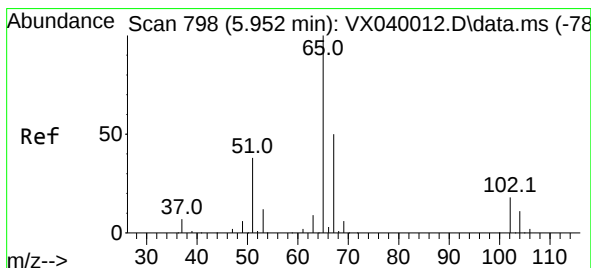
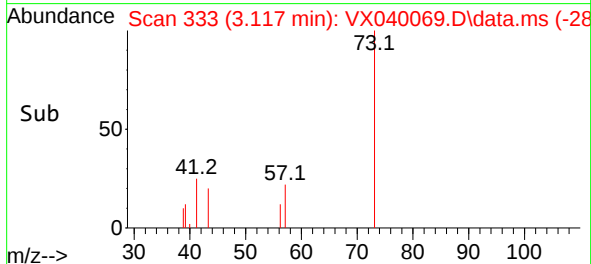
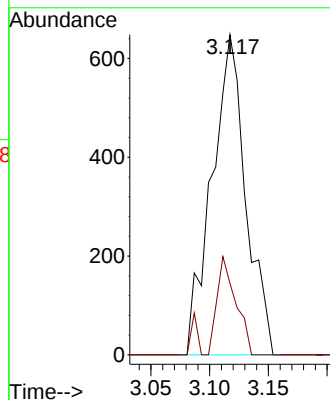
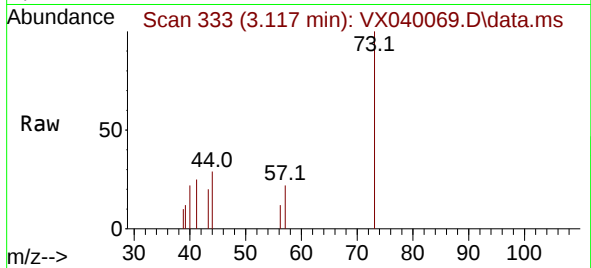
#19
Methyl tert-butyl Ether
Concen: 0.386 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion: 73 Resp: 1308
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

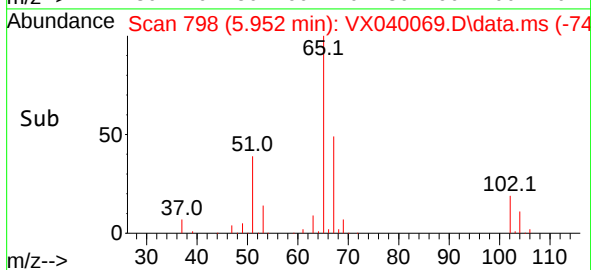
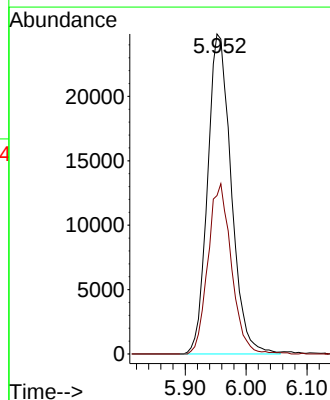
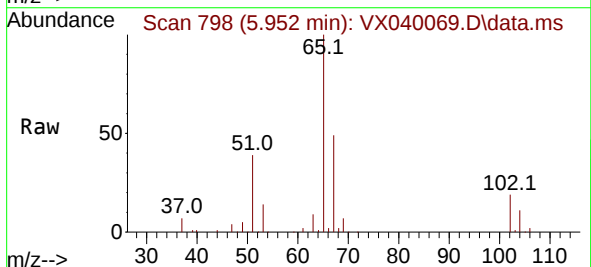
Manual Integrations
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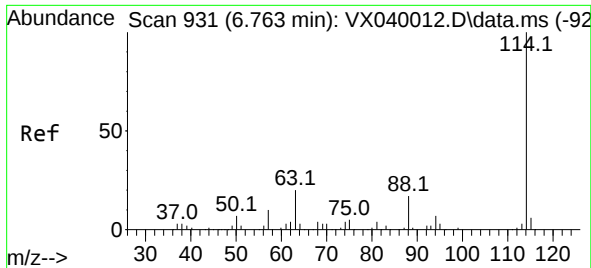
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#33
1,2-Dichloroethane-d4
Concen: 47.340 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 65 Resp: 66999
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2





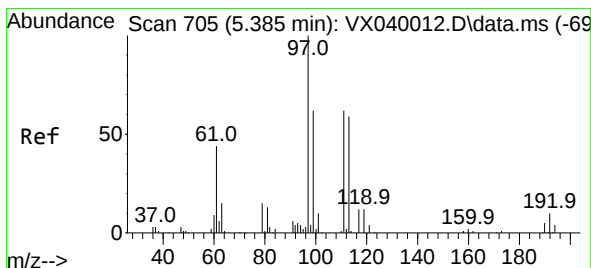
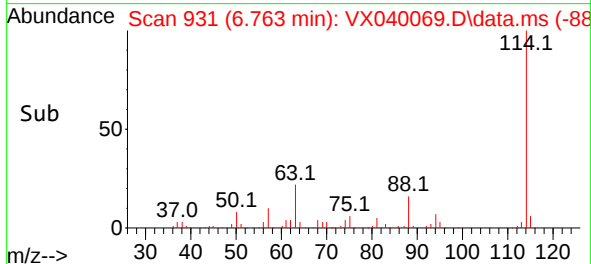
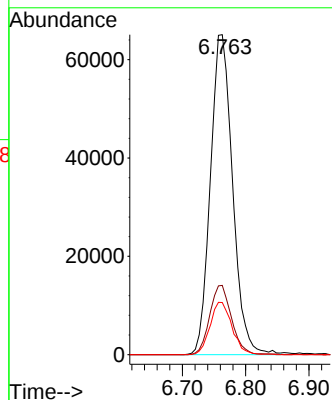
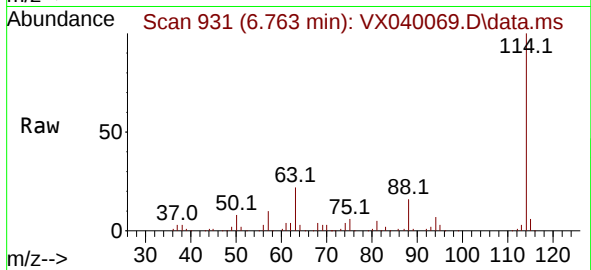
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion:114 Resp: 15864
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.3 0.0 36.6

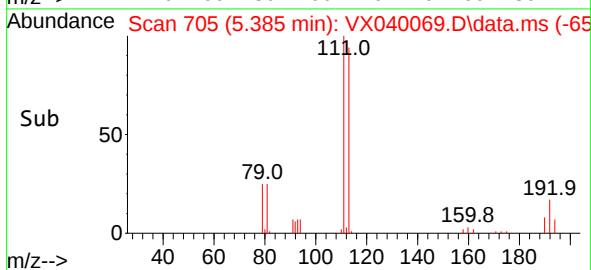
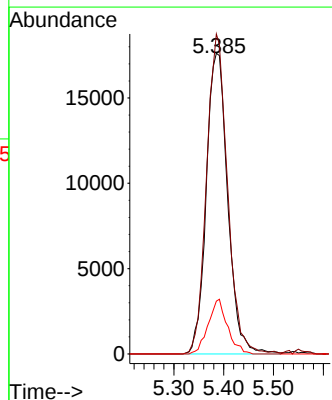
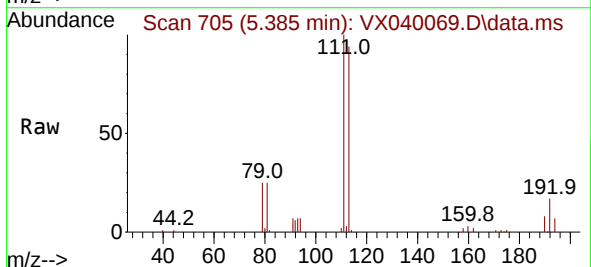
Manual Integrations
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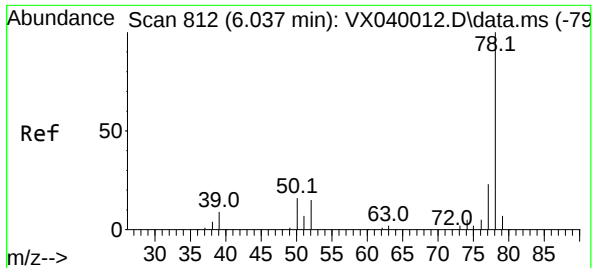
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#35
Dibromofluoromethane
Concen: 48.714 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Tgt Ion:113 Resp: 52609
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.4 13.3 19.9





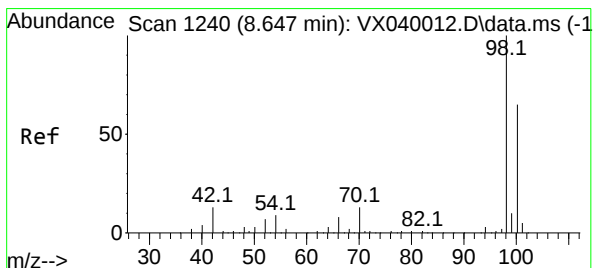
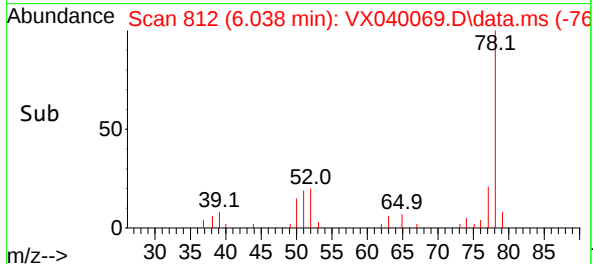
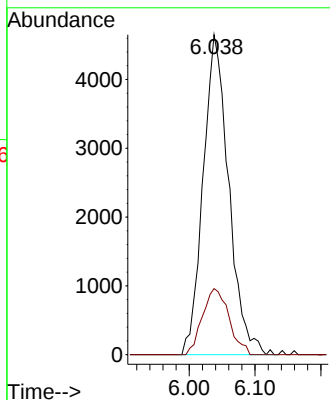
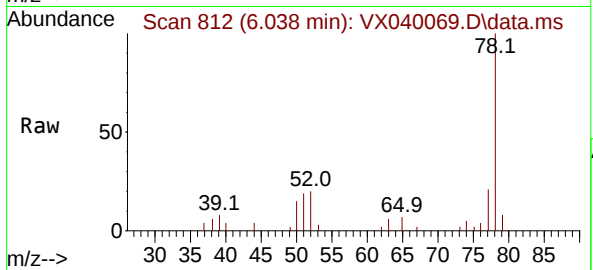
#40
Benzene
Concen: 2.764 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion: 78 Resp: 12572
Ion Ratio Lower Upper
78 100
77 20.7 19.3 28.9

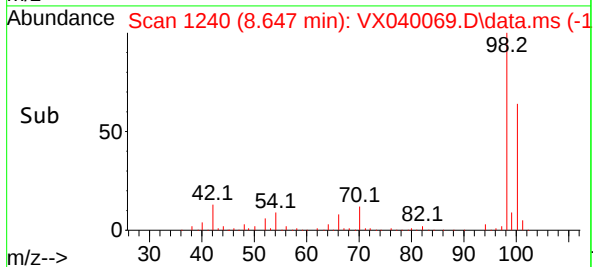
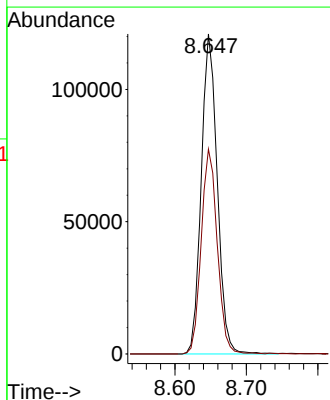
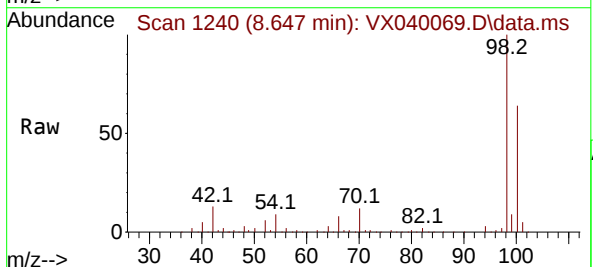
Manual Integrations
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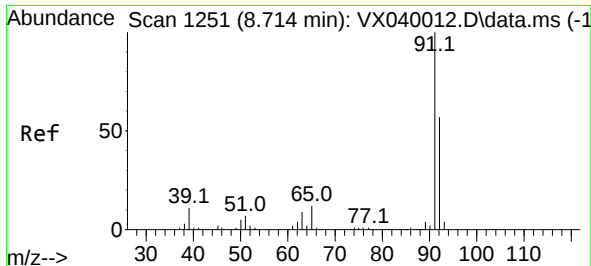
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#50
Toluene-d8
Concen: 46.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 98 Resp: 187615
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





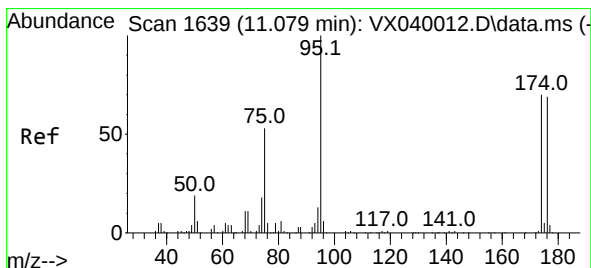
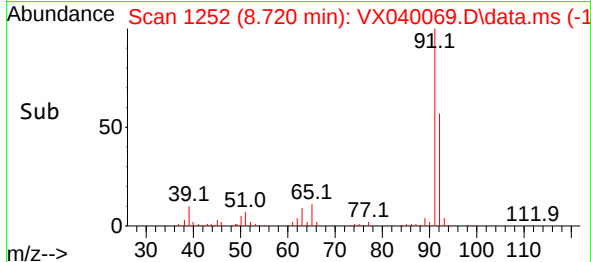
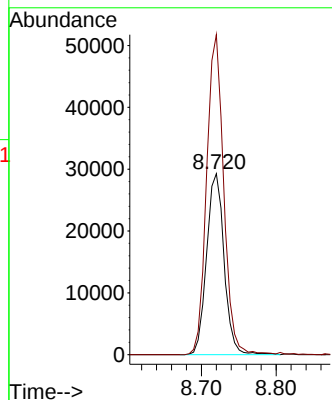
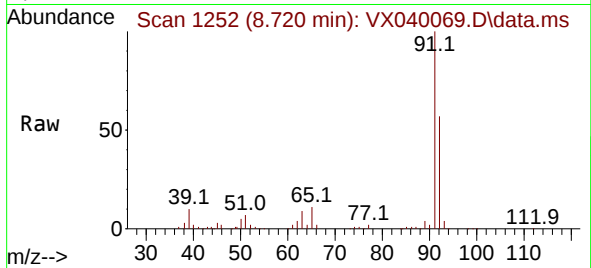
#52
Toluene
Concen: 16.769 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion: 92 Resp: 4754
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2

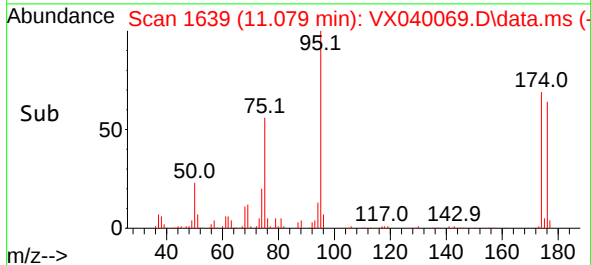
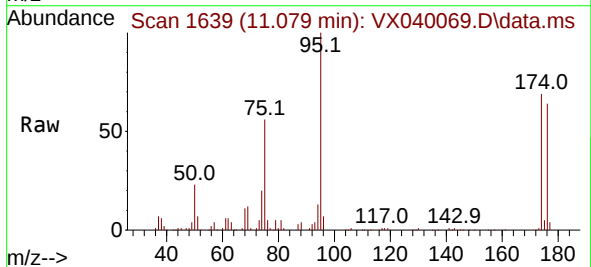
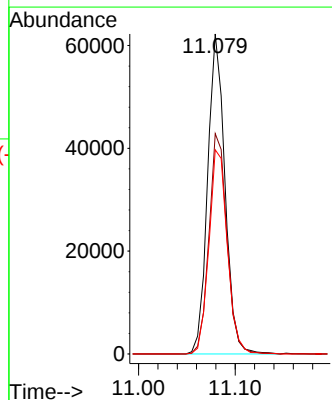
Manual Integrations
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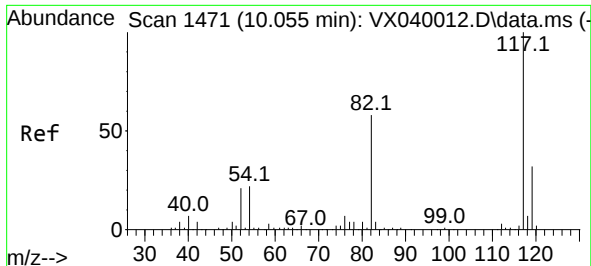
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

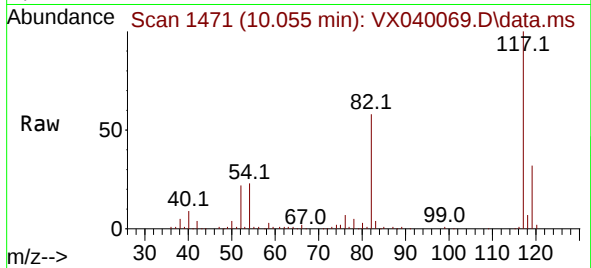
Tgt Ion: 95 Resp: 77834
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

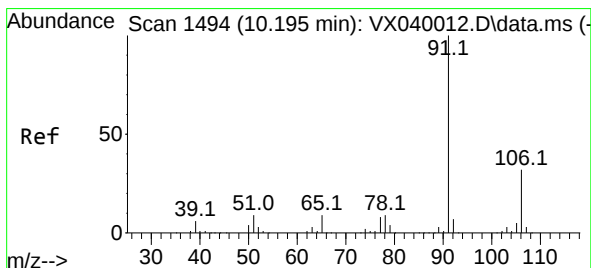
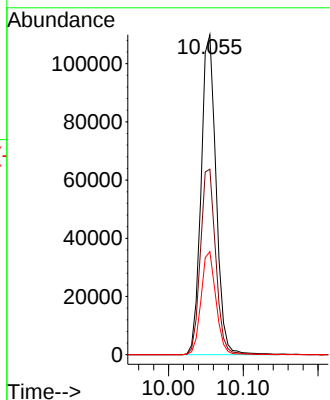
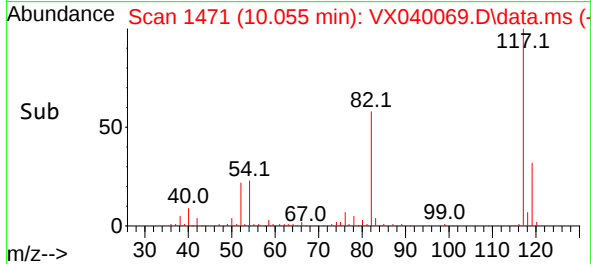
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



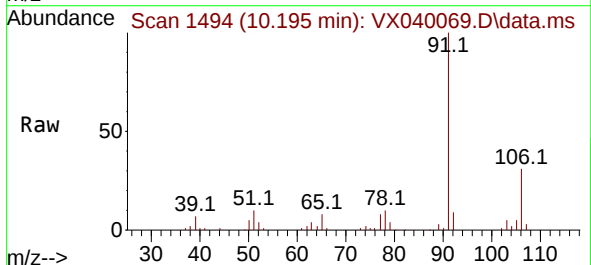
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Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.2 25.5 38.3

Manual Integrations
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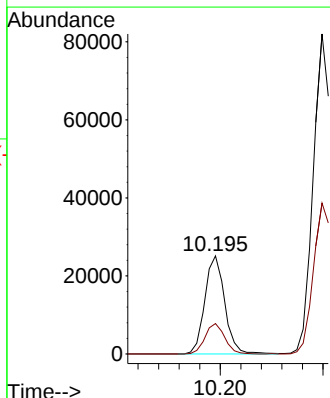
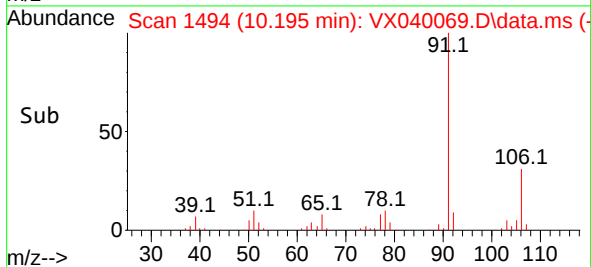
Reviewed By :John Carlone 02/02/2024
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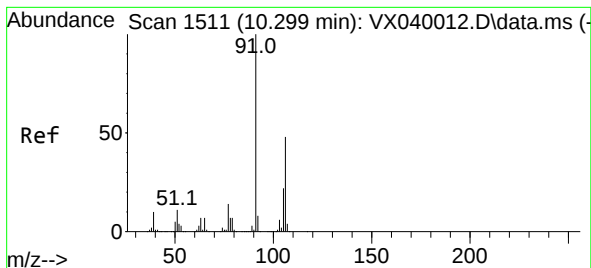


#67
Ethyl Benzene
Concen: 5.955 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24



Tgt Ion: 91 Resp: 33823
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





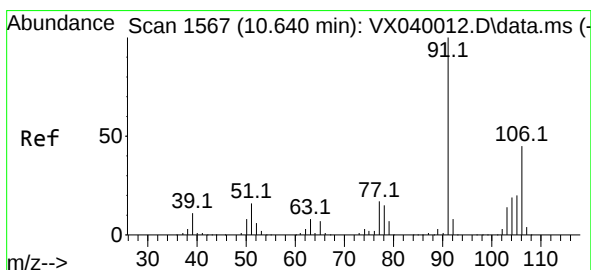
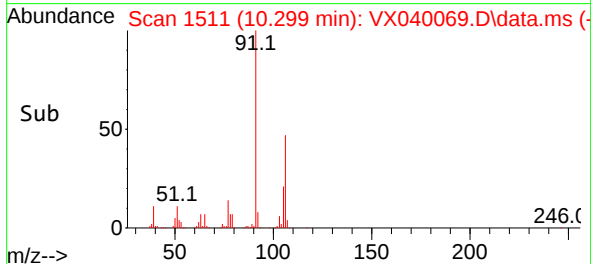
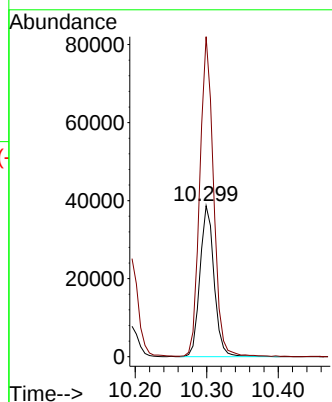
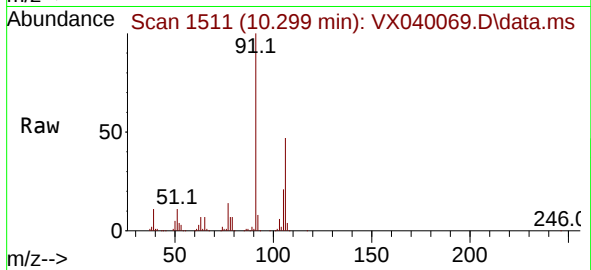
#68
m/p-Xylenes
Concen: 24.775 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion:106 Resp: 52934
Ion Ratio Lower Upper
106 100
91 206.3 165.5 248.3

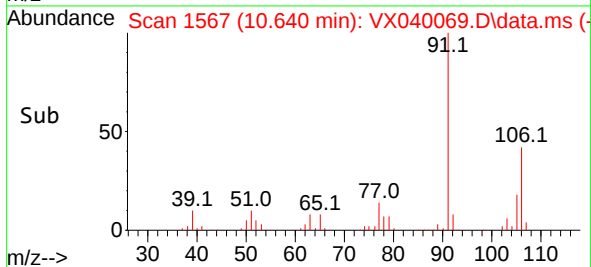
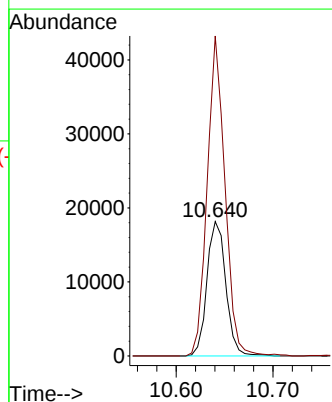
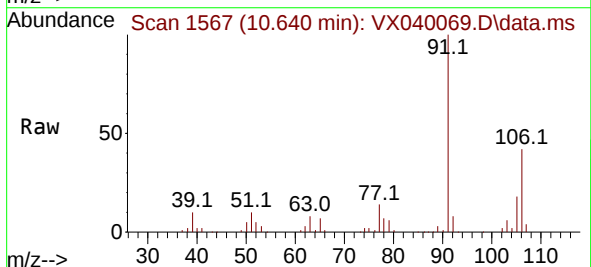
Manual Integrations
APPROVED

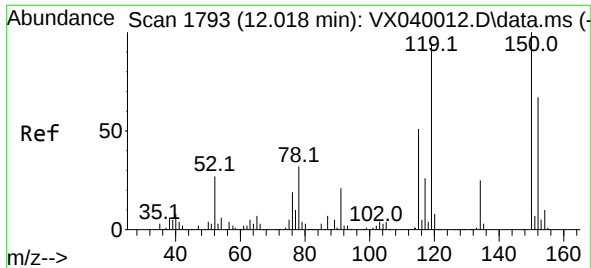
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#69
o-Xylene
Concen: 12.194 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

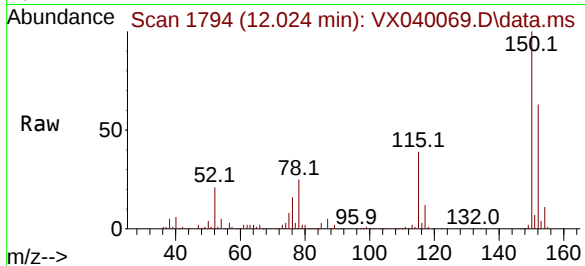
Tgt Ion:106 Resp: 24714
Ion Ratio Lower Upper
106 100
91 224.2 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

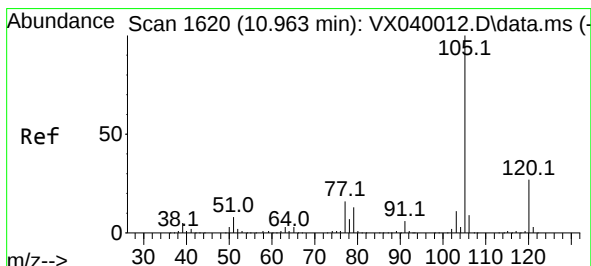
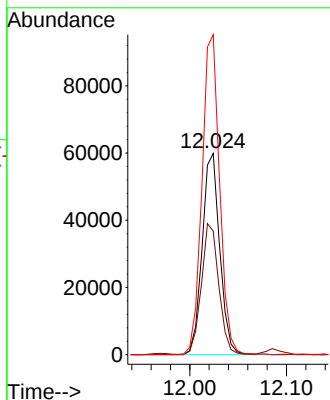
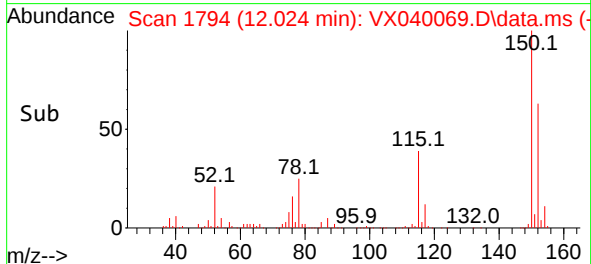
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



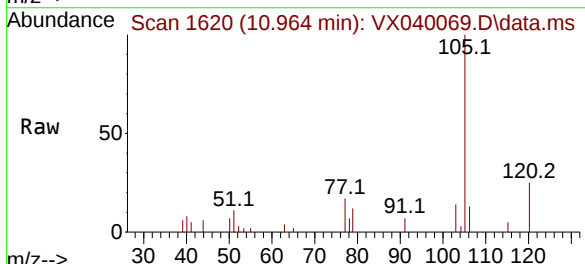
Tgt Ion:152 Resp: 75698
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 159.8 0.0 345.0

Manual Integrations
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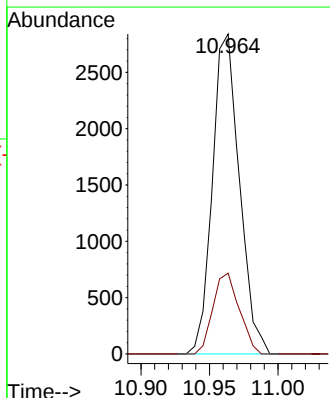
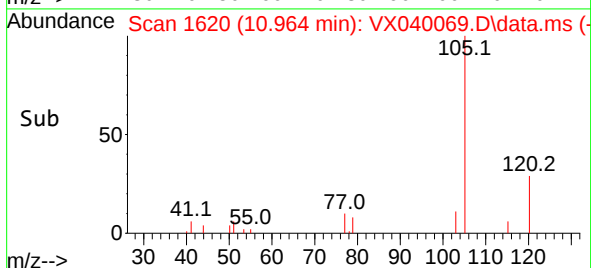
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

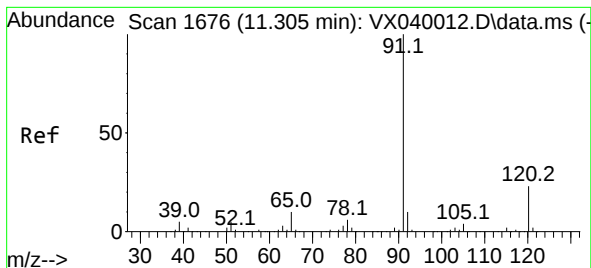


#73
Isopropylbenzene
Concen: 0.717 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24



Tgt Ion:105 Resp: 3895
Ion Ratio Lower Upper
105 100
120 24.6 12.9 38.6





#78

n-propylbenzene

Concen: 3.818 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040069.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

NWB-1999

Tgt Ion: 91 Resp: 2554

Ion Ratio Lower Upper

91 100

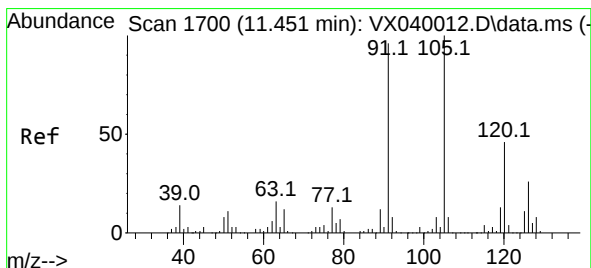
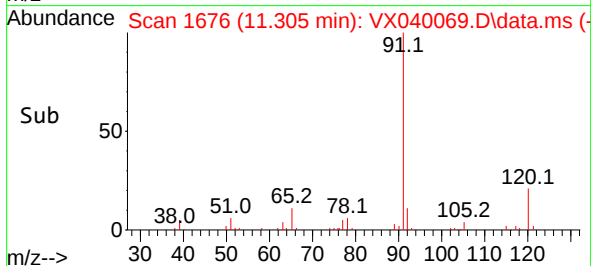
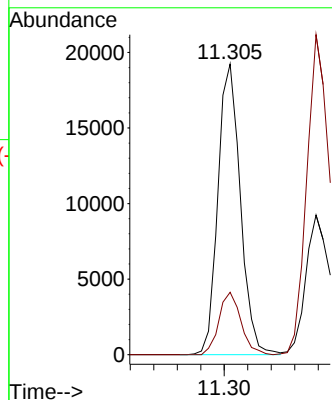
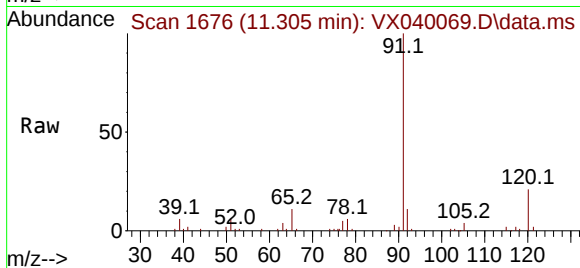
120 21.1 11.5 34.4

Manual Integrations

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Reviewed By :John Carlone 02/02/2024

Supervised By :Semsettin Yesilyurt 02/02/2024



#80

1,3,5-Trimethylbenzene

Concen: 8.259 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040069.D

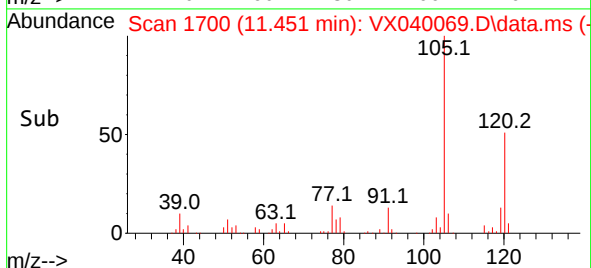
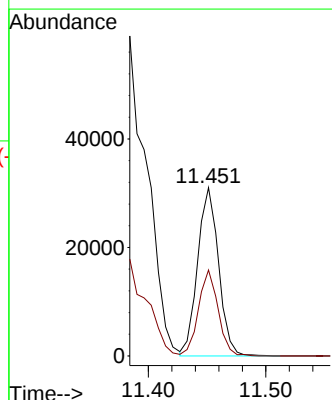
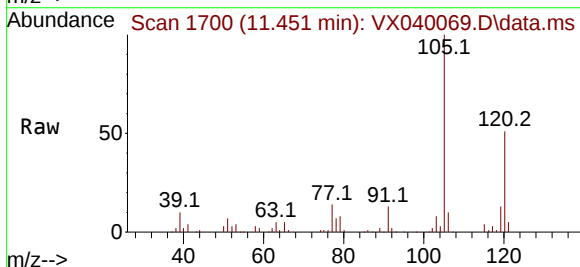
Acq: 01 Feb 2024 14:24

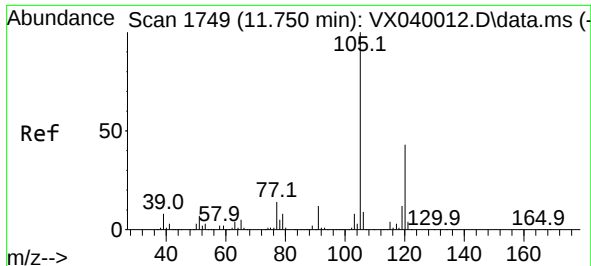
Tgt Ion:105 Resp: 38589

Ion Ratio Lower Upper

105 100

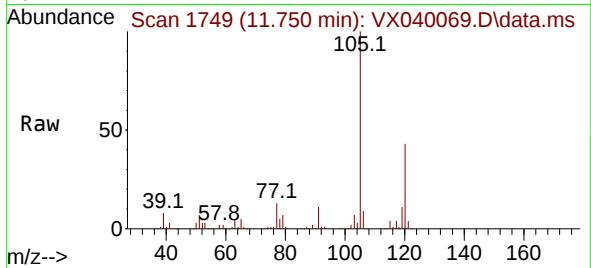
120 47.7 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 33.232 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

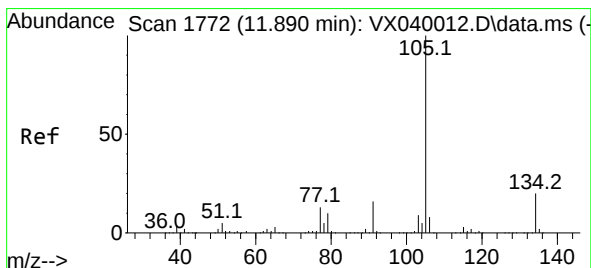
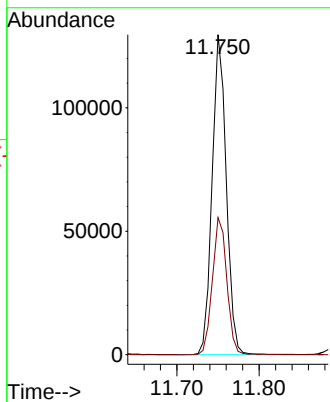
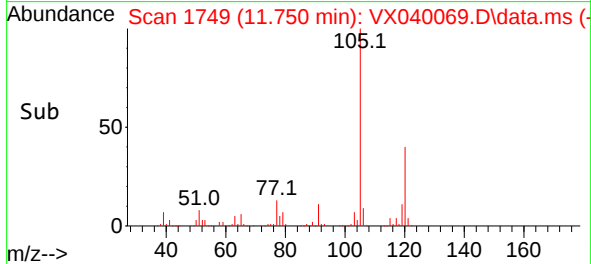
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



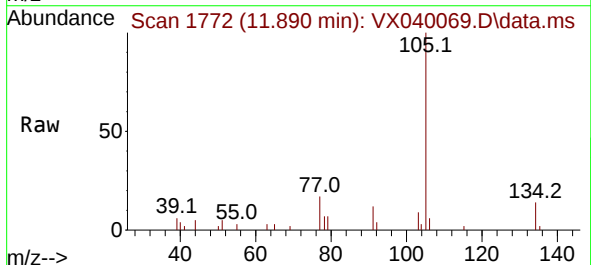
Tgt Ion:105 Resp: 154948
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6

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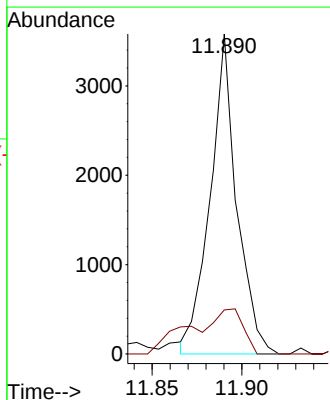
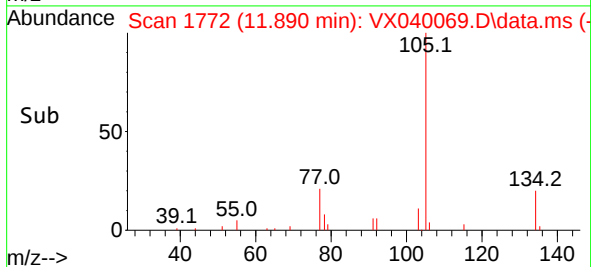
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

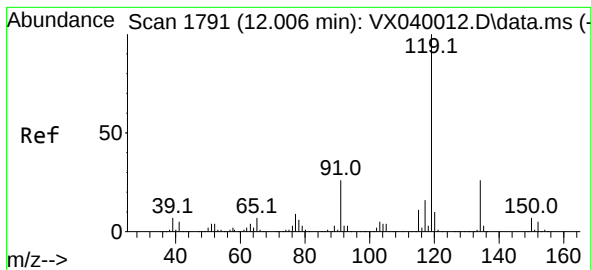


#85
sec-Butylbenzene
Concen: 0.621 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24



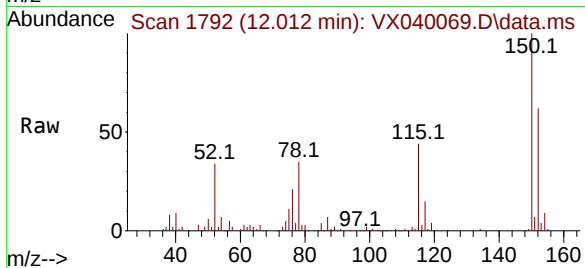
Tgt Ion:105 Resp: 3680
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 0.397 ug/l m
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

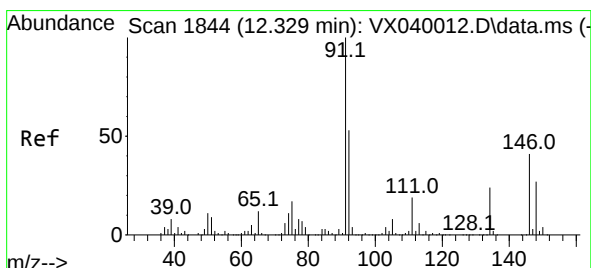
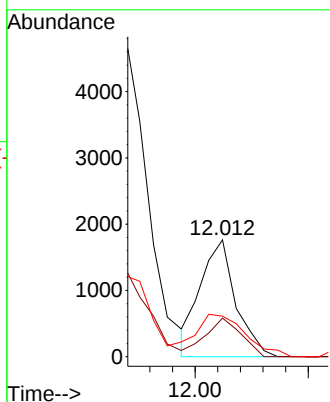
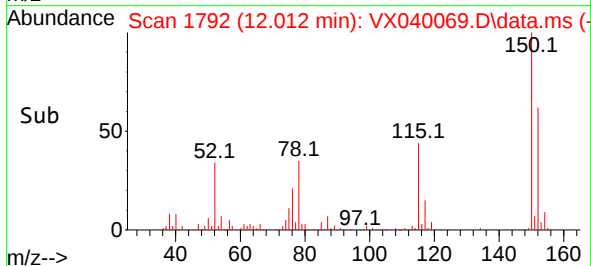
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



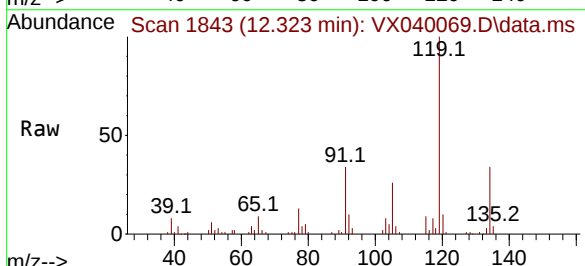
Tgt Ion:119 Resp: 192
Ion Ratio Lower Upper
119 100
134 83.2 12.8 38.3
91 83.0 13.1 39.3

Manual Integrations
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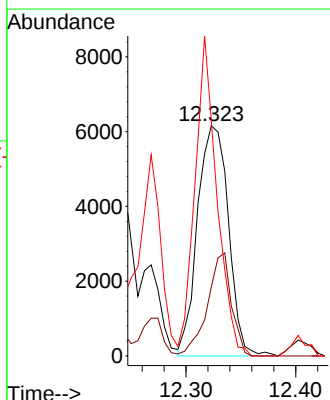
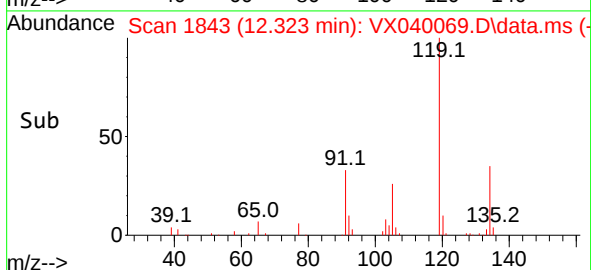
Reviewed By :John Carbone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

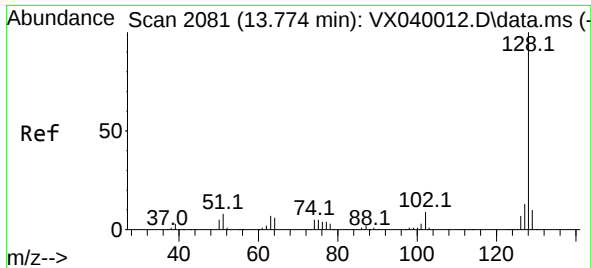


#89
n-Butylbenzene
Concen: 2.575 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24



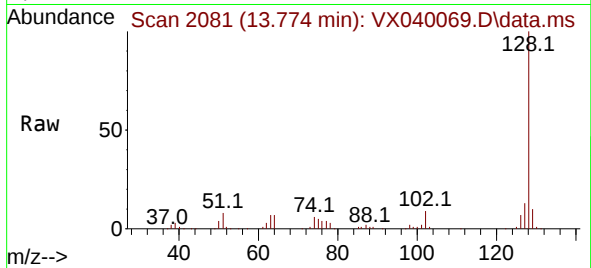
Tgt Ion: 91 Resp: 12092
Ion Ratio Lower Upper
91 100
92 34.6 27.4 82.0
134 98.5 12.6 37.8





#95
Naphthalene
Concen: 10.310 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040069.D
Acq: 01 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion:128 Resp: 53385
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

