

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040065.D
 Acq On : 01 Feb 2024 12:53
 Operator : JC/MD
 Sample : P1312-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1999

Quant Time: Feb 02 01:39:19 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	86795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62877	45.013	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.020%		
35) Dibromofluoromethane	5.385	113	49822	44.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.780%		
50) Toluene-d8	8.647	98	186273	44.876	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.760%#		
62) 4-Bromofluorobenzene	11.079	95	75771	47.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.820%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1344	2.053	ug/l #	80
39) Methylcyclohexane	7.391	83	563	0.288	ug/l #	62
40) Benzene	6.038	78	2773	0.593	ug/l #	88
52) Toluene	8.720	92	11043	3.789	ug/l	100
67) Ethyl Benzene	10.195	91	7241	1.396	ug/l	98
68) m/p-Xylenes	10.299	106	11680	5.986	ug/l	100
69) o-Xylene	10.640	106	5451	2.945	ug/l	93
78) n-propylbenzene	11.305	91	7833	1.163	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	12394	2.635	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	46333	9.873	ug/l	98
85) sec-Butylbenzene	11.890	105	2112	0.354	ug/l #	73
86) p-Isopropyltoluene	12.012	119	1215m	0.250	ug/l	
95) Naphthalene	13.774	128	13799	2.648	ug/l	98

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

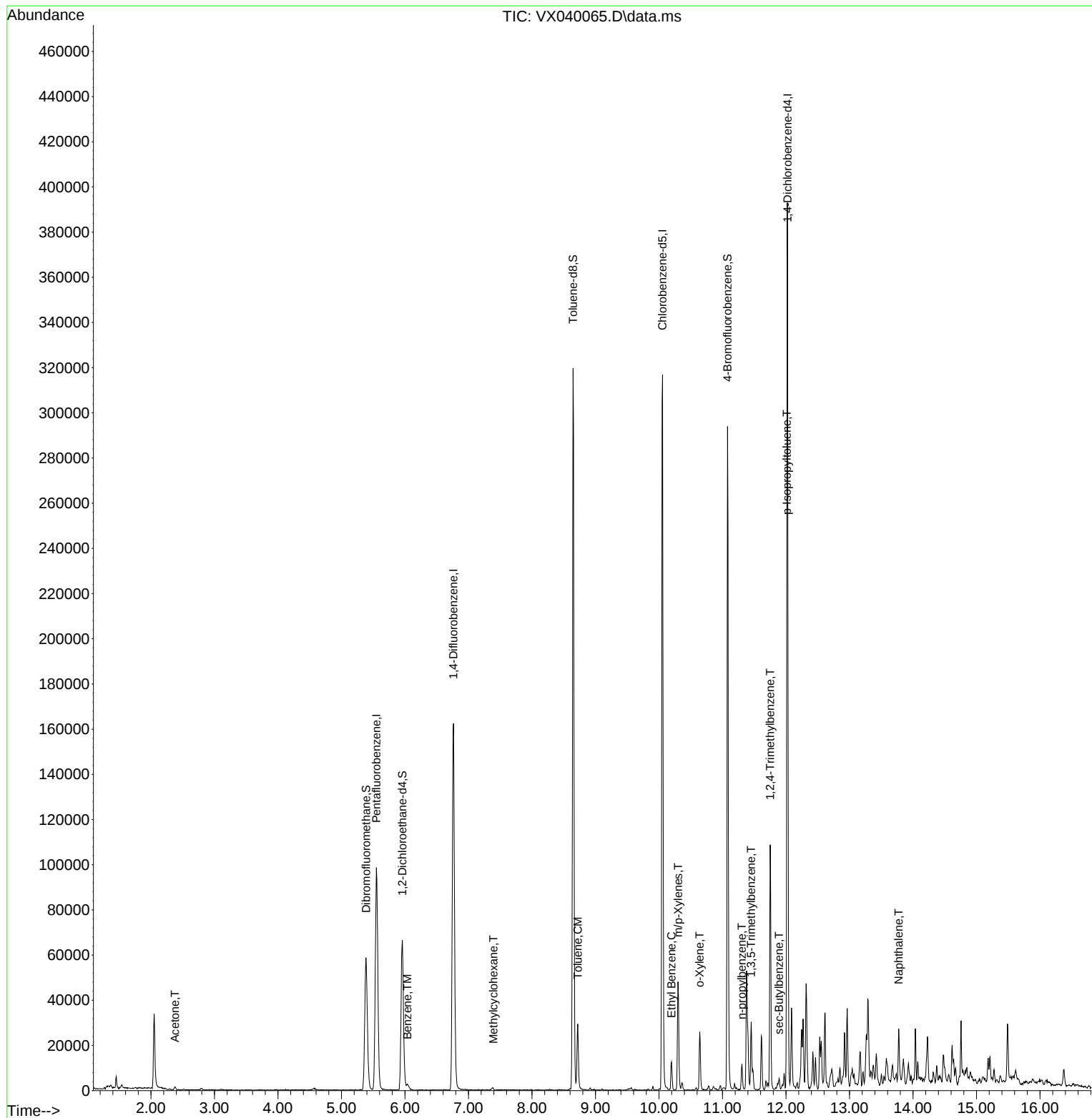
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
Data File : VX040065.D
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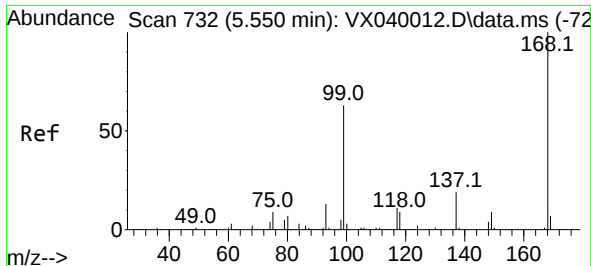
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Quant Time: Feb 02 01:39:19 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

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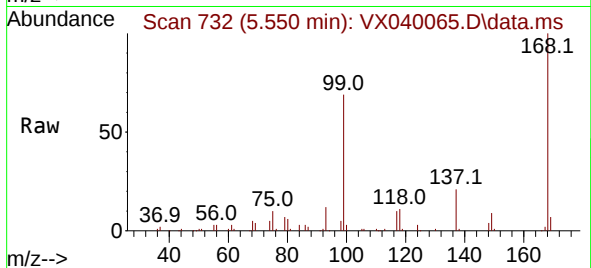
Reviewed By : John Carlone 02/02/2024
Supervised By : Semsettin Yesilyurt 02/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

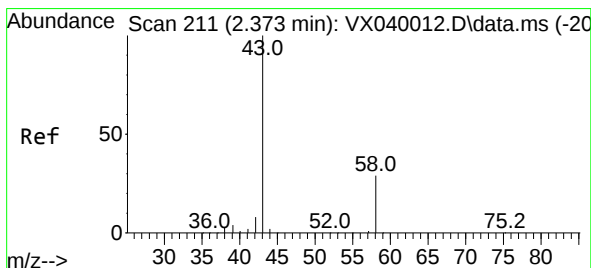
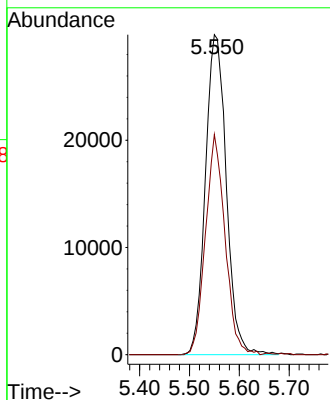
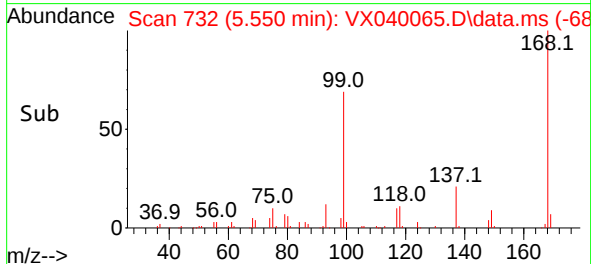
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion:168 Resp: 86795
Ion Ratio Lower Upper
168 100
99 68.8 56.6 85.0

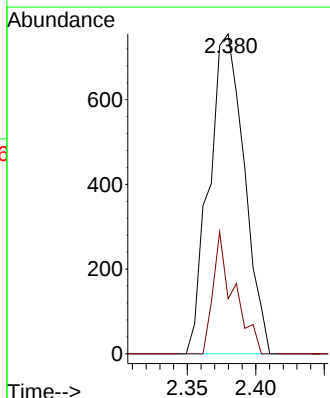
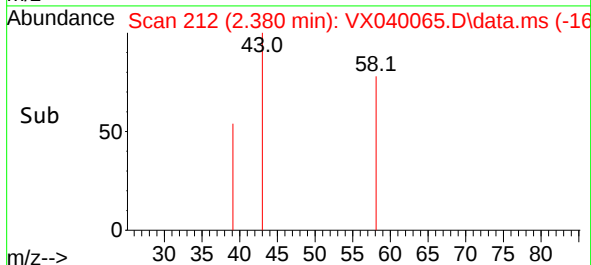
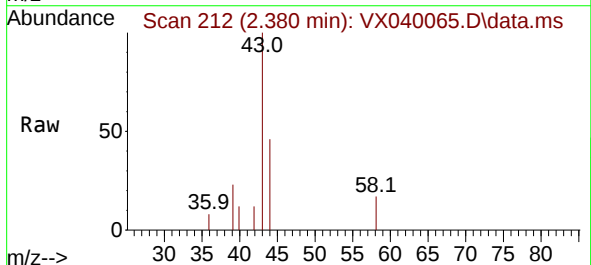
Manual Integrations
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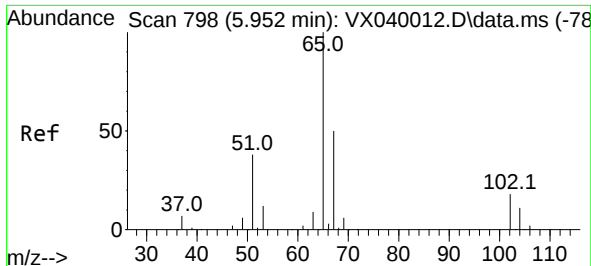
Reviewed By :John Carlone 02/02/2024
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#16
Acetone
Concen: 2.053 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 17.2 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.013 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040065.D

Acq: 01 Feb 2024 12:53

Instrument :

MSVOA_X

ClientSampleId :

NWB-1999

Tgt Ion: 65 Resp: 6287

Ion Ratio Lower Upper

65 100

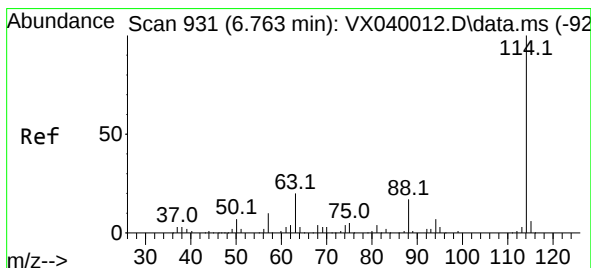
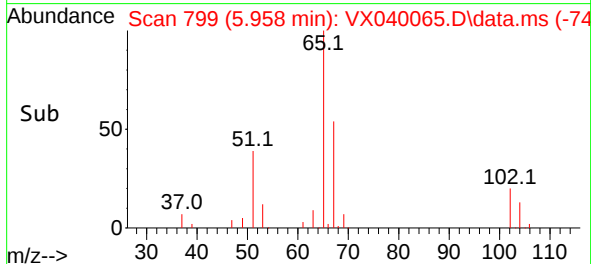
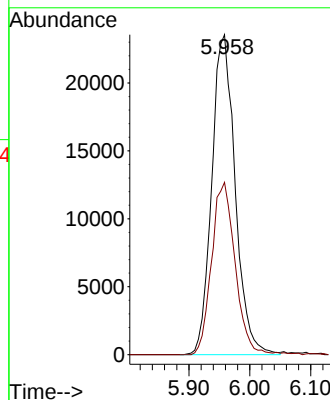
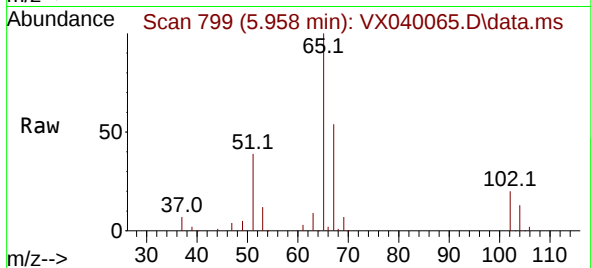
67 53.8 0.0 100.2

Manual Integrations

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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: VX040065.D

Acq: 01 Feb 2024 12:53

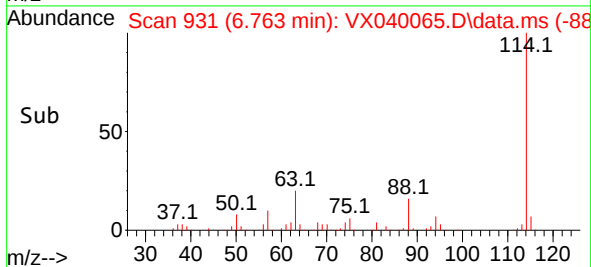
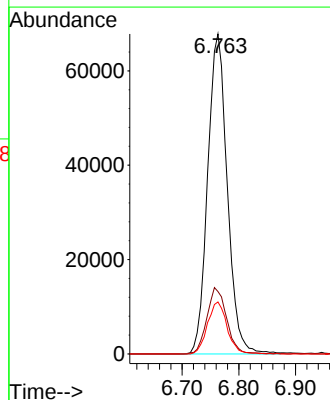
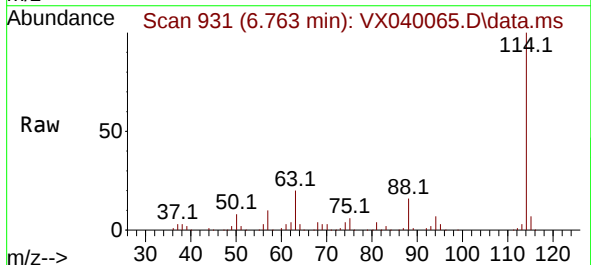
Tgt Ion:114 Resp: 163051

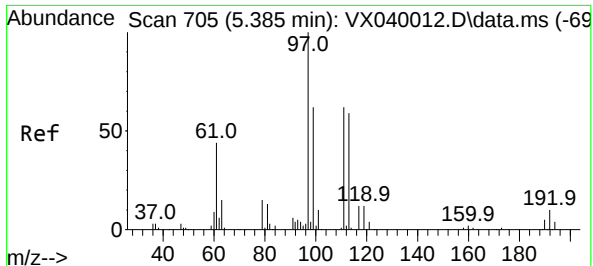
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

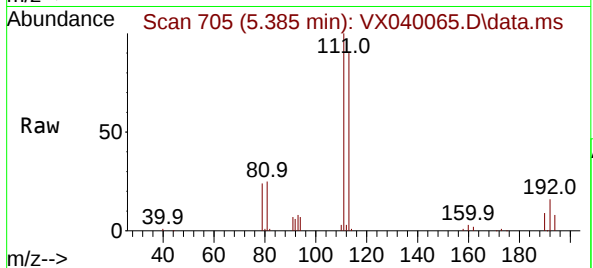
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

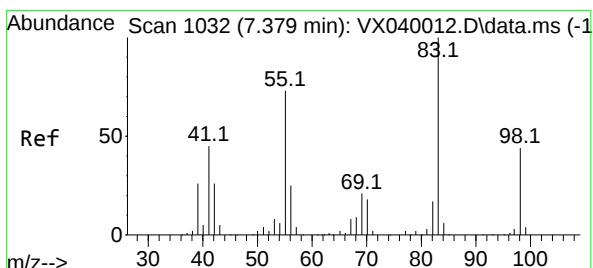
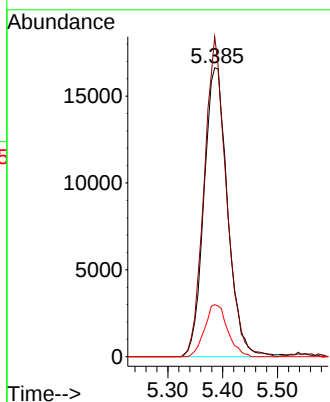
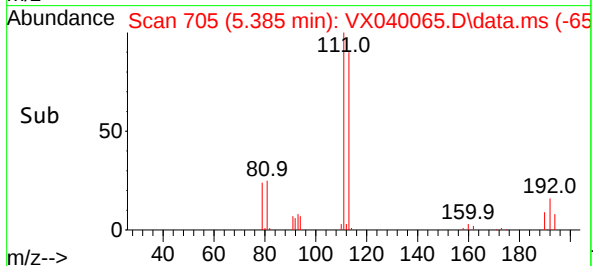
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



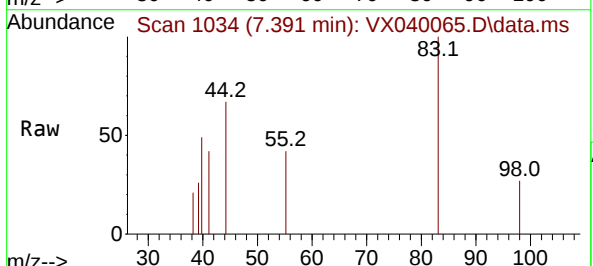
Tgt Ion: 113 Resp: 4982
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.4 13.3 19.9

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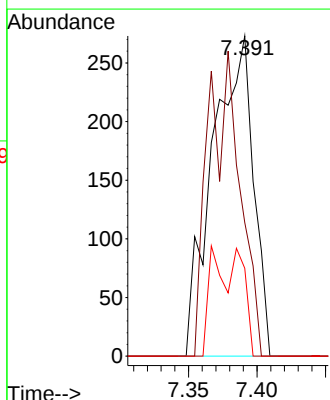
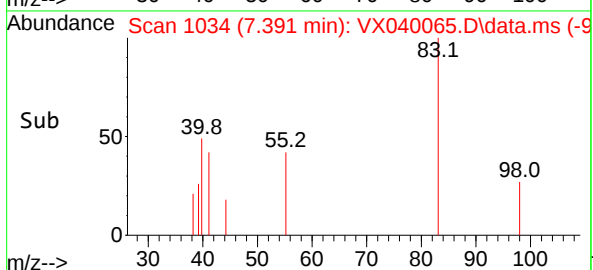
Reviewed By :John Carlone 02/02/2024
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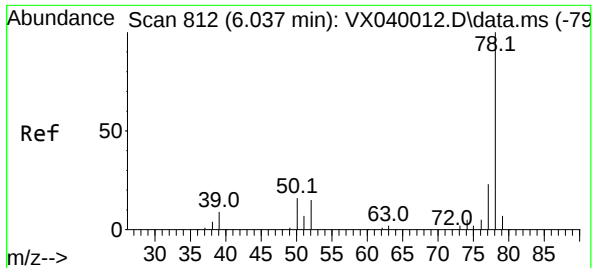


#39
Methylcyclohexane
Concen: 0.288 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53



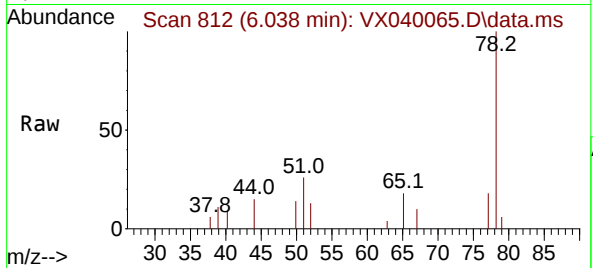
Tgt Ion: 83 Resp: 563
Ion Ratio Lower Upper
83 100
55 41.8 64.6 97.0#
98 27.5 36.7 55.1#





#40
Benzene
Concen: 0.593 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

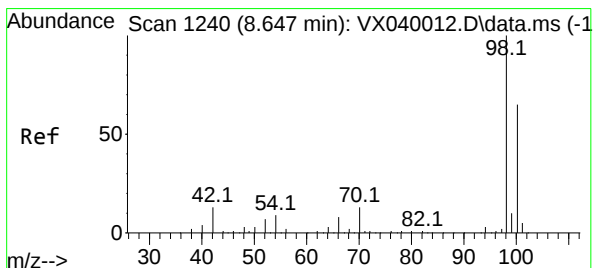
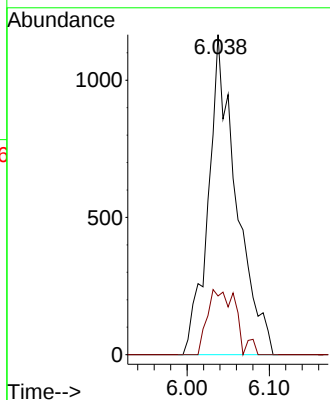
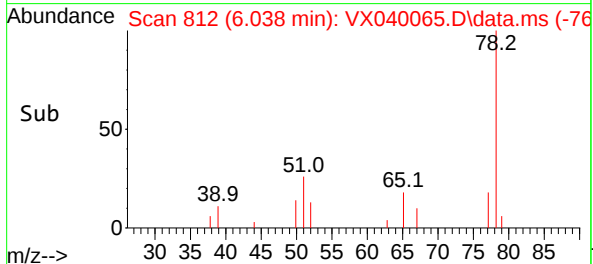
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion: 78 Resp: 2773
Ion Ratio Lower Upper
78 100
77 18.4 19.3 28.9

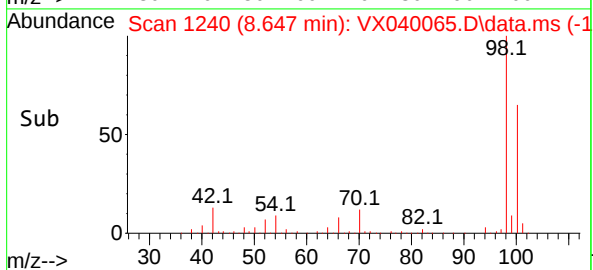
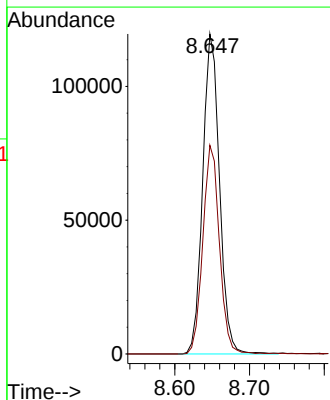
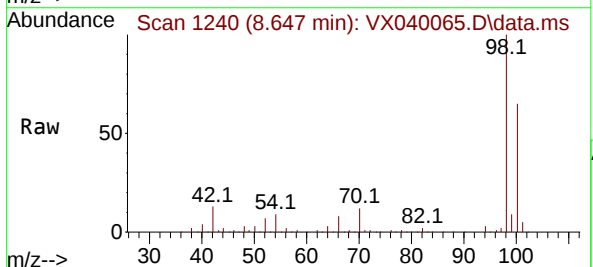
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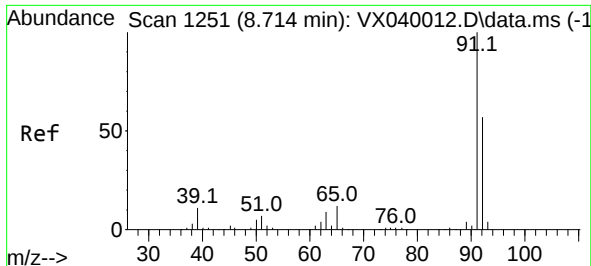
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#50
Toluene-d8
Concen: 44.876 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

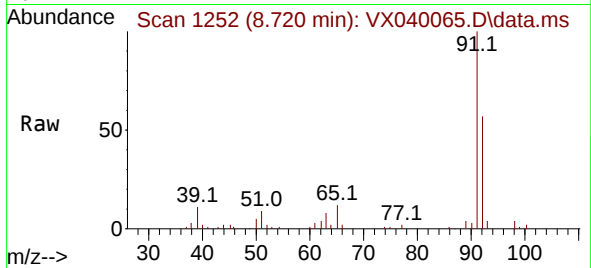
Tgt Ion: 98 Resp: 186273
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#52
Toluene
Concen: 3.789 ug/l
RT: 8.720 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

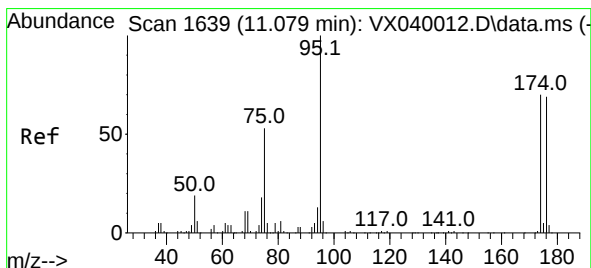
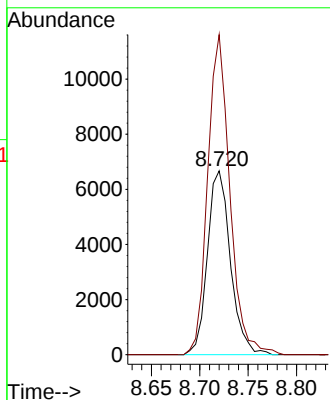
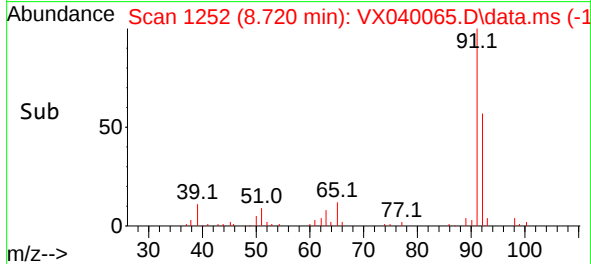
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion: 92 Resp: 1104
Ion Ratio Lower Upper
92 100
91 167.4 134.2 201.2

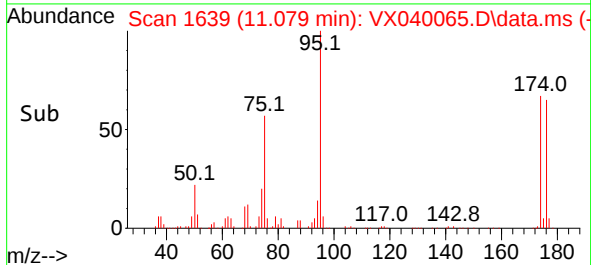
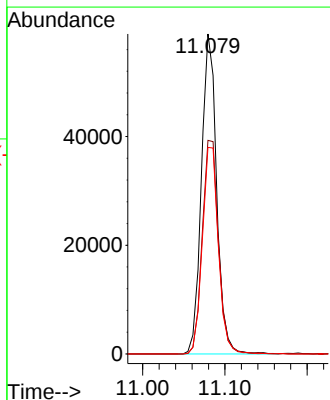
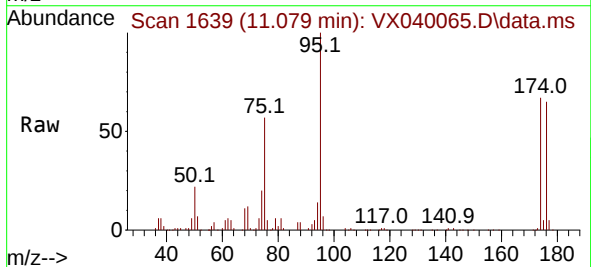
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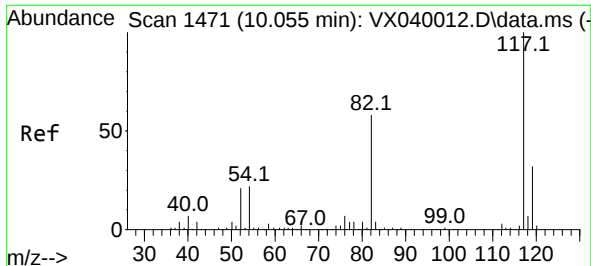
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#62
4-Bromofluorobenzene
Concen: 47.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

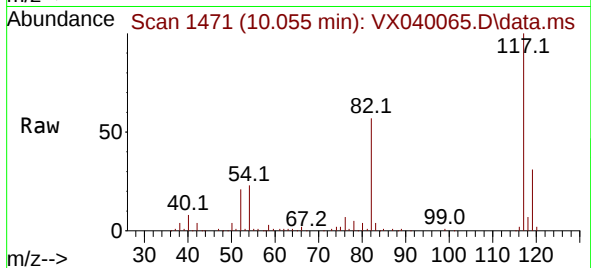
Tgt Ion: 95 Resp: 75771
Ion Ratio Lower Upper
95 100
174 70.9 0.0 135.6
176 68.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

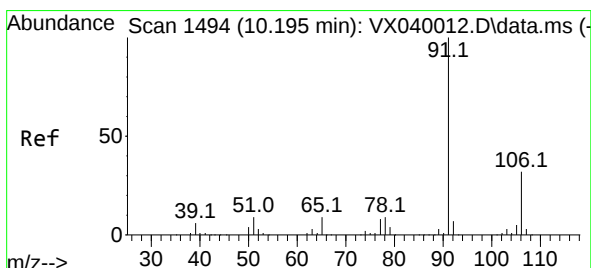
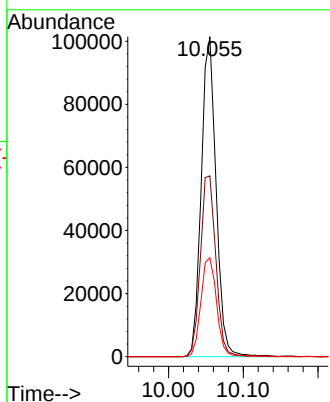
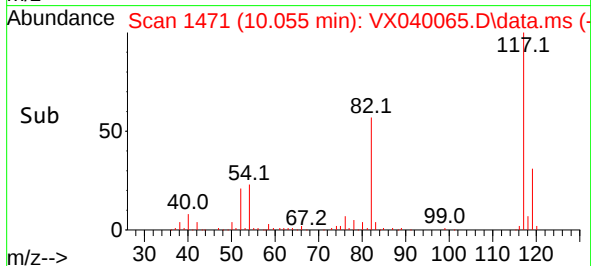
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion:117 Resp: 13985
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.9 25.5 38.3

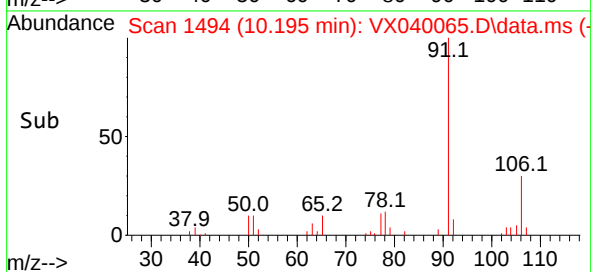
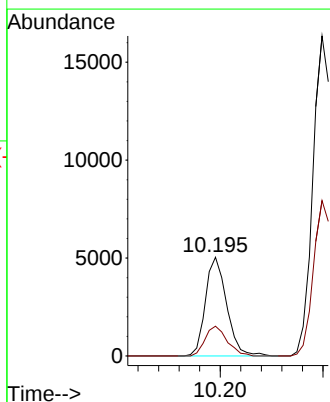
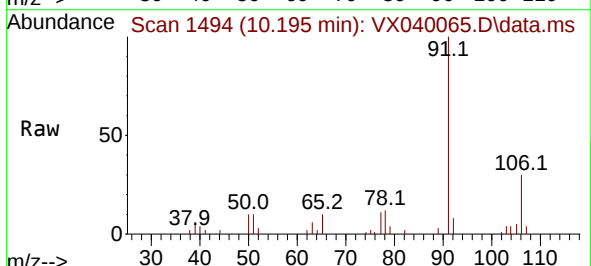
Manual Integrations
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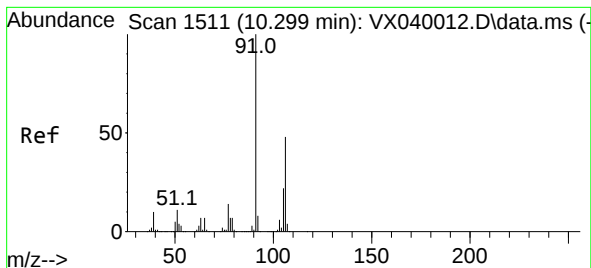
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#67
Ethyl Benzene
Concen: 1.396 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

Tgt Ion: 91 Resp: 7241
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3





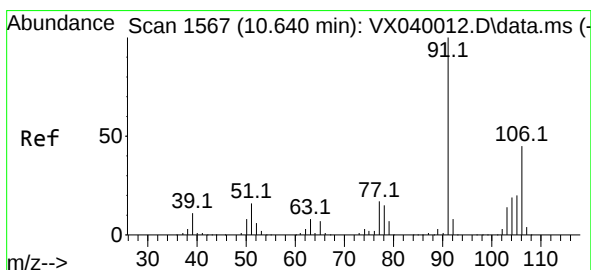
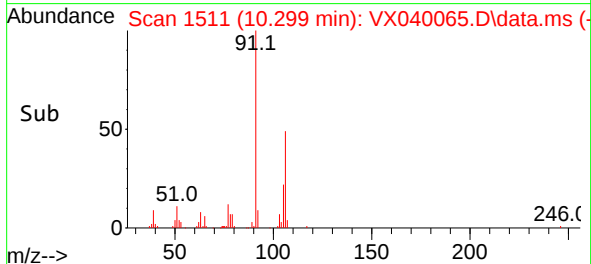
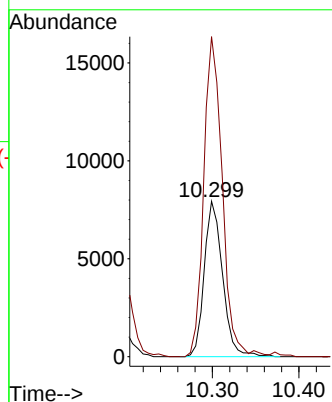
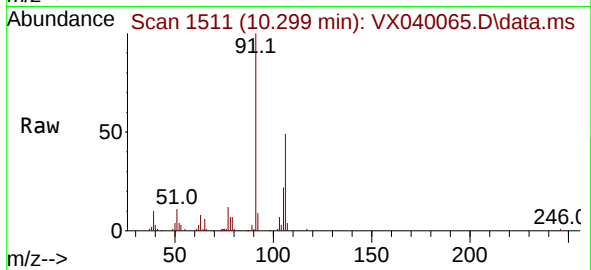
#68
m/p-Xylenes
Concen: 5.986 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999

Tgt Ion:106 Resp: 11680
Ion Ratio Lower Upper
106 100
91 207.6 165.5 248.3

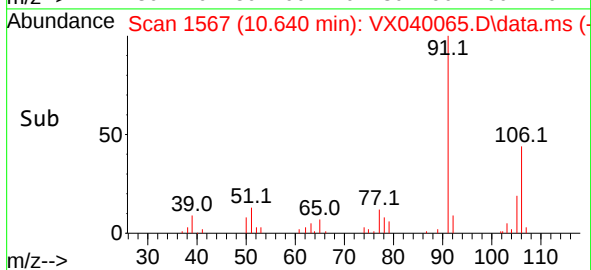
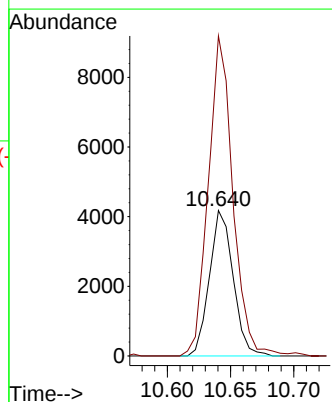
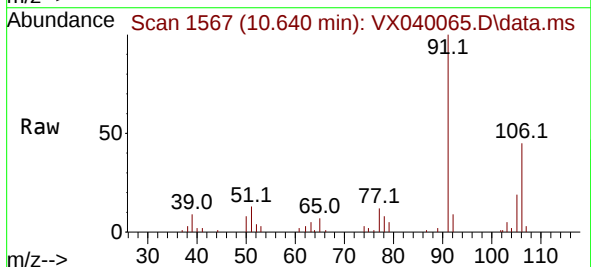
Manual Integrations
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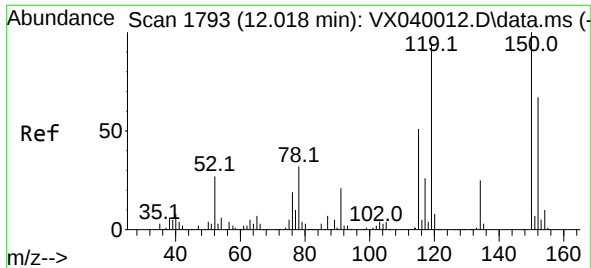
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024



#69
o-Xylene
Concen: 2.945 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

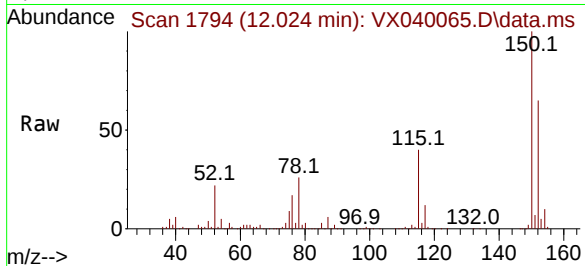
Tgt Ion:106 Resp: 5451
Ion Ratio Lower Upper
106 100
91 228.6 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

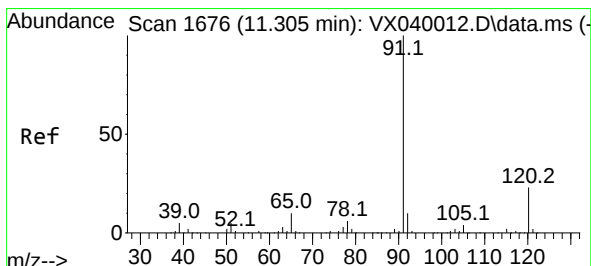
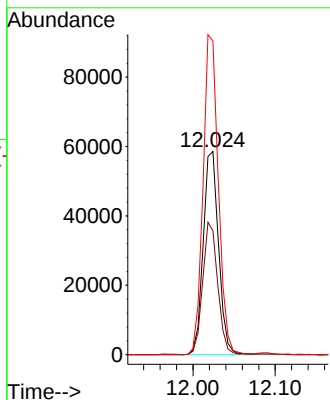
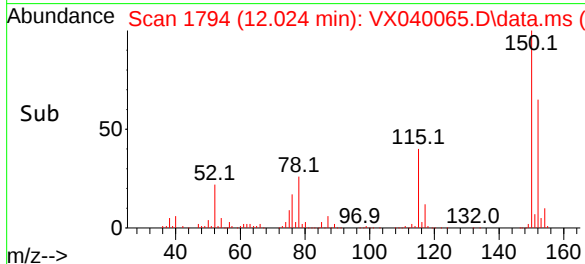
Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



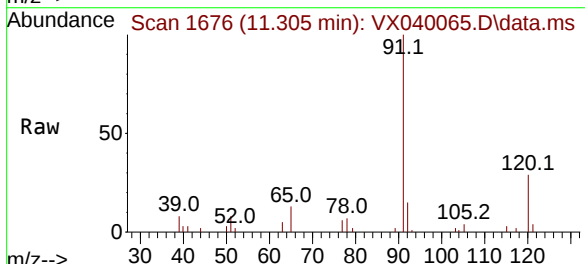
Tgt Ion:152 Resp: 76190
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 156.9 0.0 345.0

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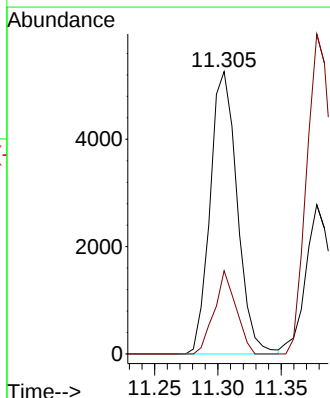
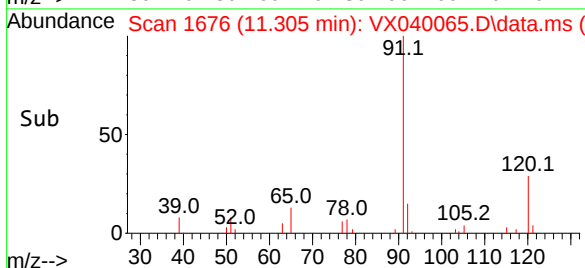
Reviewed By :John Carlone 02/02/2024
Supervised By :Semsettin Yesilyurt 02/02/2024

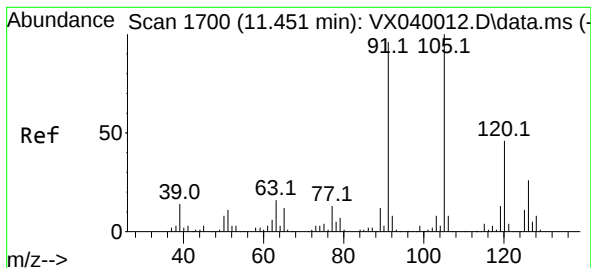


#78
n-propylbenzene
Concen: 1.163 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53



Tgt Ion: 91 Resp: 7833
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.635 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040065.D

Acq: 01 Feb 2024 12:53

Instrument :

MSVOA_X

ClientSampleId :

NWB-1999

Tgt Ion:105 Resp: 12394

Ion Ratio Lower Upper

105 100

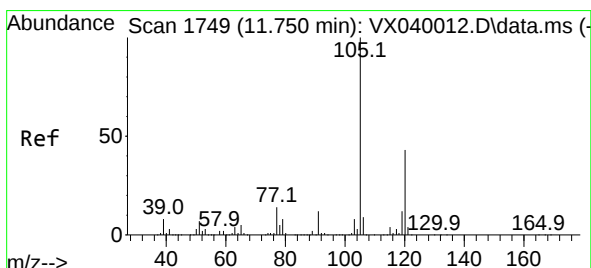
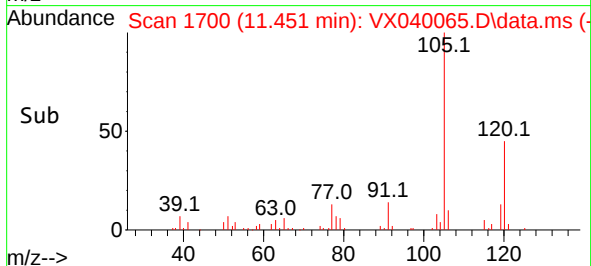
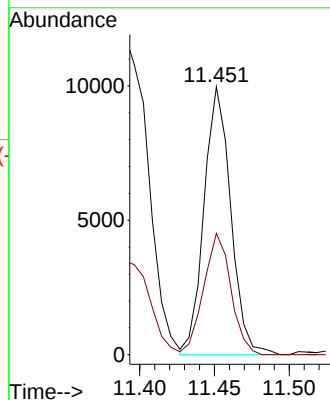
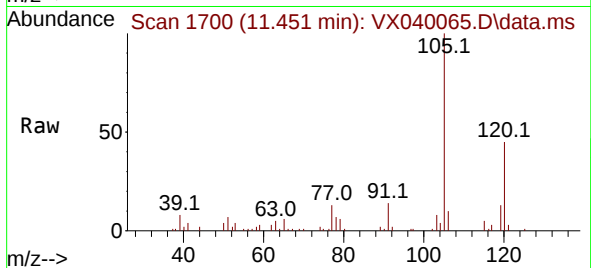
120 46.1 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 02/02/2024

Supervised By :Semsettin Yesilyurt 02/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 9.873 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040065.D

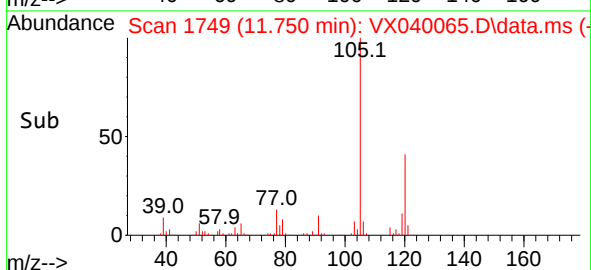
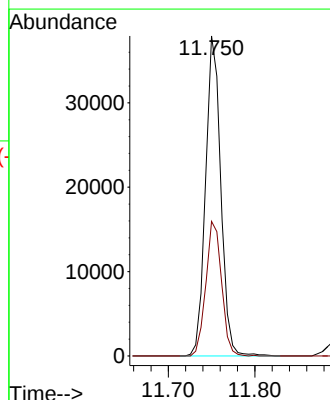
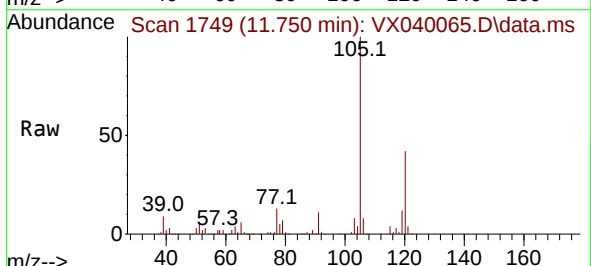
Acq: 01 Feb 2024 12:53

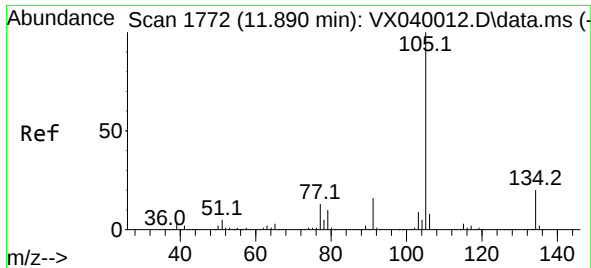
Tgt Ion:105 Resp: 46333

Ion Ratio Lower Upper

105 100

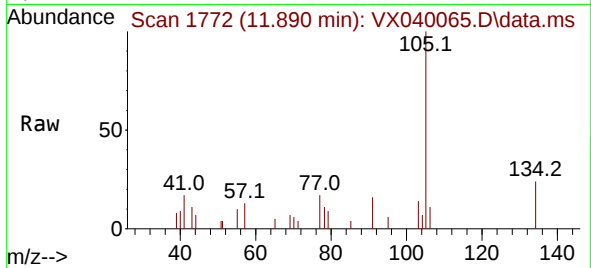
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.354 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040065.D
 Acq: 01 Feb 2024 12:53

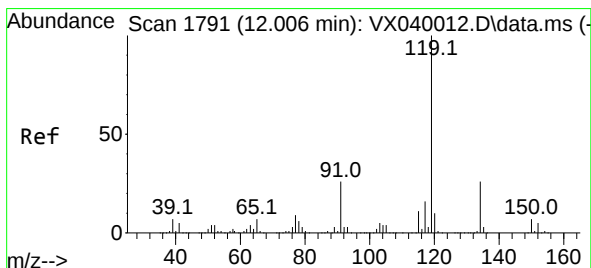
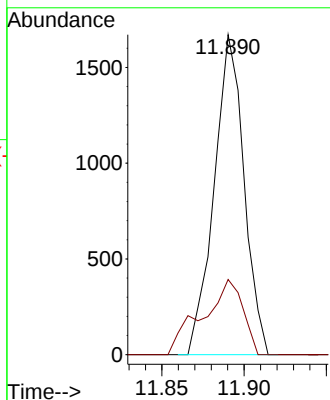
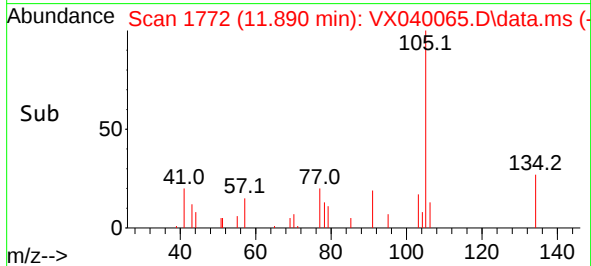
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1999



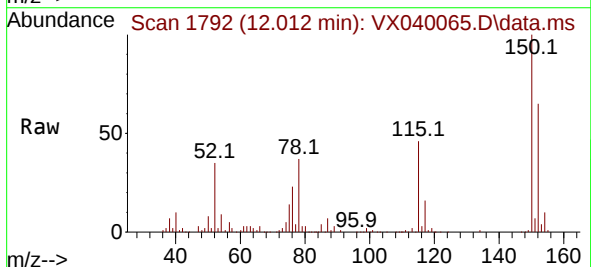
Tgt Ion:105 Resp: 211
 Ion Ratio Lower Upper
 105 100
 134 31.8 9.8 29.4

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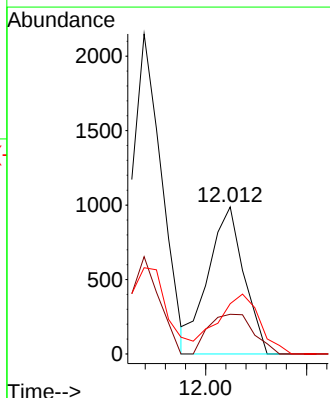
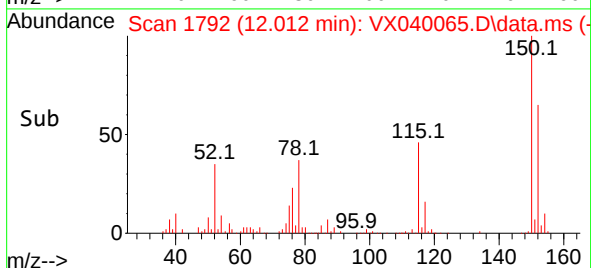
Reviewed By :John Carlone 02/02/2024
 Supervised By :Semsettin Yesilyurt 02/02/2024

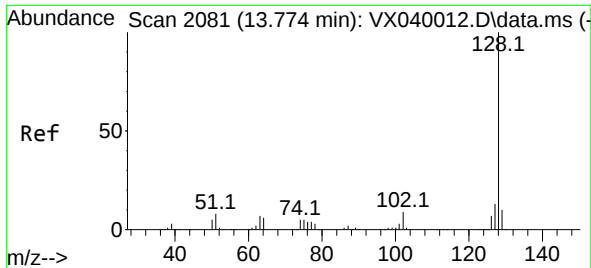


#86
 p-Isopropyltoluene
 Concen: 0.250 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040065.D
 Acq: 01 Feb 2024 12:53



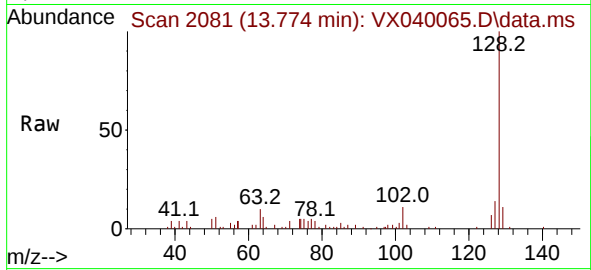
Tgt Ion:119 Resp: 1215
 Ion Ratio Lower Upper
 119 100
 134 55.9 12.8 38.3#
 91 66.5 13.1 39.3#





#95
Naphthalene
Concen: 2.648 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040065.D
Acq: 01 Feb 2024 12:53

Instrument :
MSVOA_X
ClientSampleId :
NWB-1999



Tgt Ion:128 Resp: 13799
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 12.2 8.8 13.2

Manual Integrations
APPROVED

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

