

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032994.D
 Acq On : 22 Nov 2022 21:27
 Operator : JC/MD
 Sample : N5741-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:51:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61258	50.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.980%			
35) Dibromofluoromethane	5.385	113	49581	44.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.520%			
50) Toluene-d8	8.647	98	157971	47.278	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.560%			
62) 4-Bromofluorobenzene	11.079	95	74089	50.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds					Qvalue	
31) Cyclohexane	5.470	56	78466	40.393	ug/l	91
39) Methylcyclohexane	7.379	83	37840	18.724	ug/l	99
40) Benzene	6.037	78	97121	19.557	ug/l	99
52) Toluene	8.720	92	45460	13.914	ug/l	98
67) Ethyl Benzene	10.195	91	684045	110.919	ug/l	100
68) m/p-Xylenes	10.305	106	579100	239.798	ug/l	100
69) o-Xylene	10.640	106	134815	57.696	ug/l	100
73) Isopropylbenzene	10.963	105	48610	7.523	ug/l	100
78) n-propylbenzene	11.305	91	149802	20.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	160505	29.570	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	850950	157.226	ug/l	98
85) sec-Butylbenzene	11.890	105	6857m	1.061	ug/l	
86) p-Isopropyltoluene	12.012	119	3428	0.626	ug/l #	72
95) Naphthalene	13.774	128	263135	45.511	ug/l	100

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

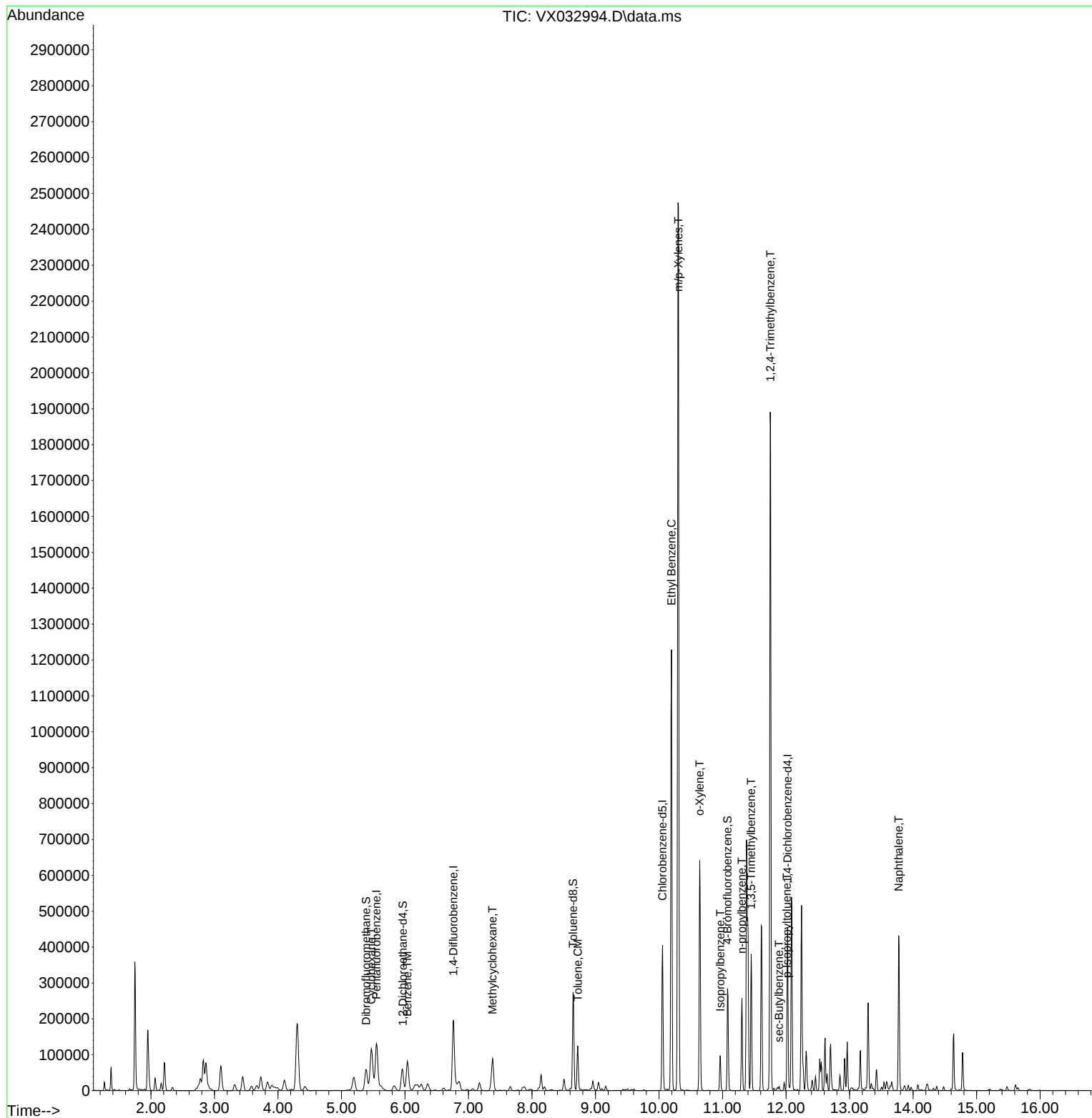
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
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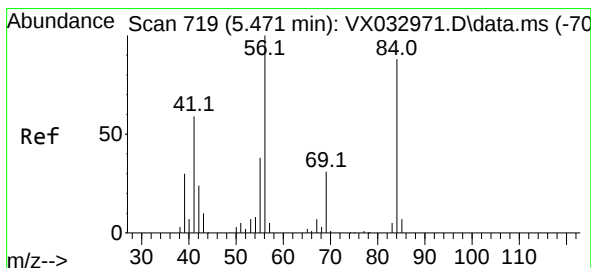
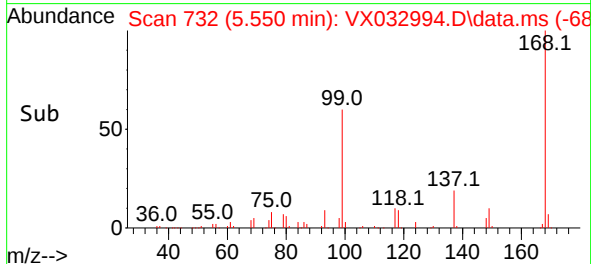
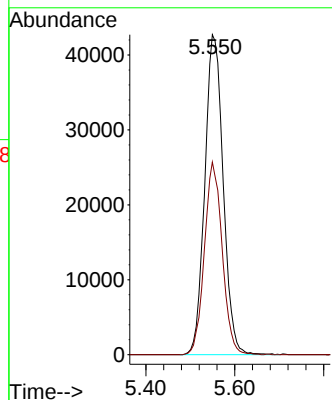
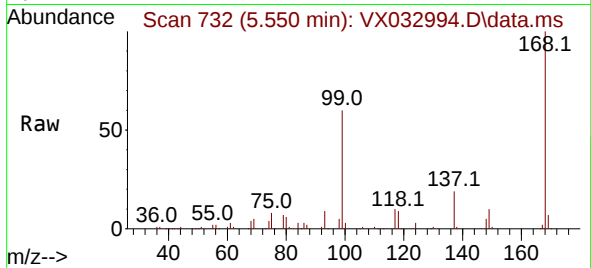
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion:168 Resp: 12310
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1

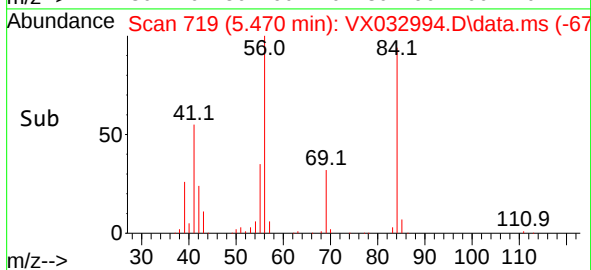
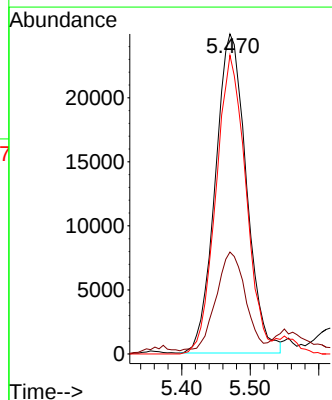
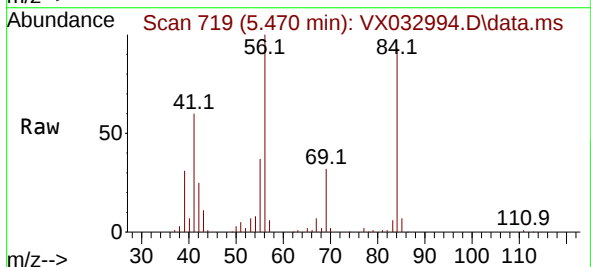
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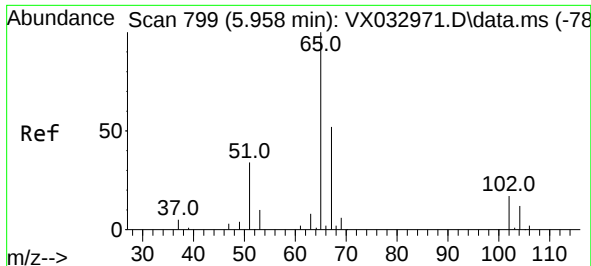
Reviewed By :John Carlone 11/23/2022
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#31
Cyclohexane
Concen: 40.393 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

Tgt Ion: 56 Resp: 78466
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 93.6 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.985 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX032994.D

Acq: 22 Nov 2022 21:27

Instrument :

MSVOA_X

ClientSampleId :

MW-23

Tgt Ion: 65 Resp: 61258

Ion Ratio Lower Upper

65 100

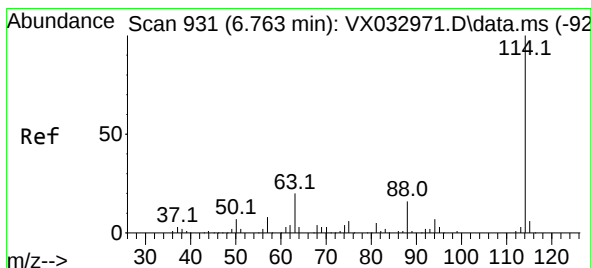
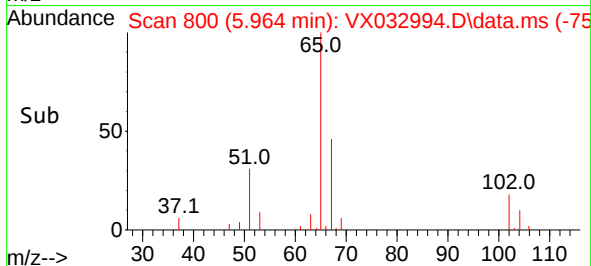
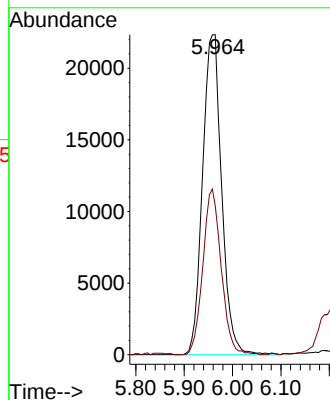
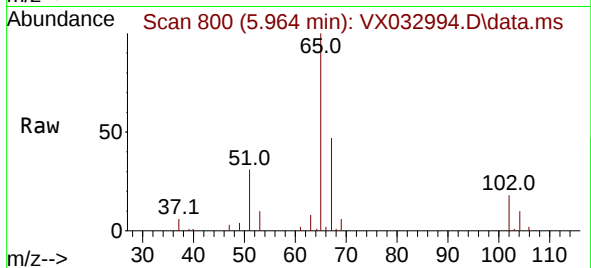
67 49.8 0.0 101.8

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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: VX032994.D

Acq: 22 Nov 2022 21:27

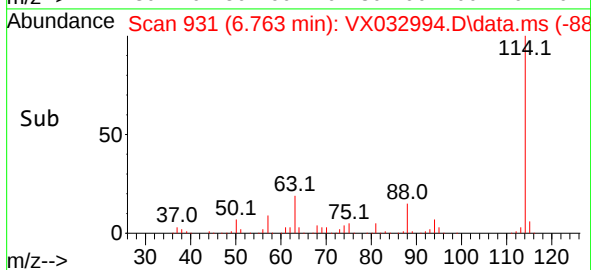
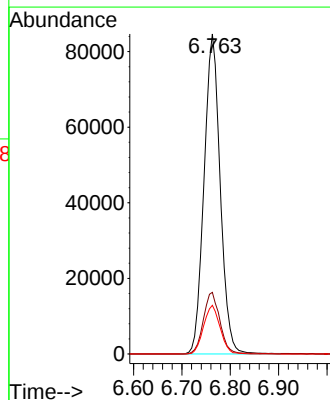
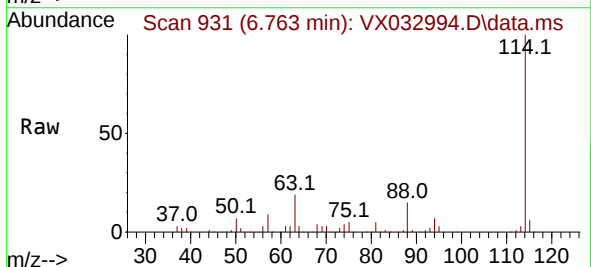
Tgt Ion:114 Resp: 196492

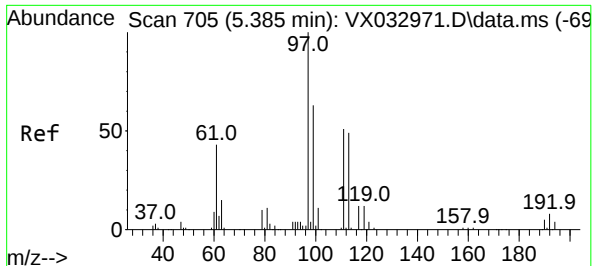
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.758 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032994.D

Acq: 22 Nov 2022 21:27

Instrument :

MSVOA_X

ClientSampleId :

MW-23

Tgt Ion:113 Resp: 4958

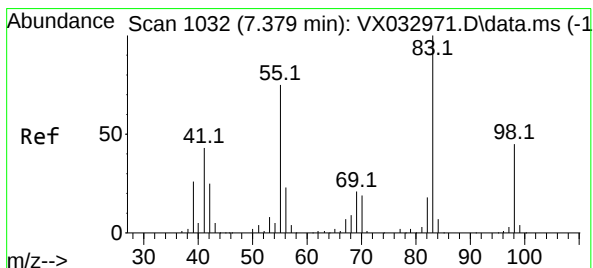
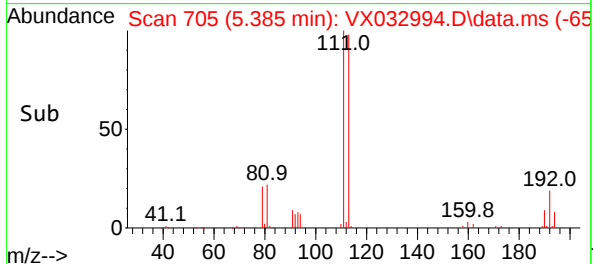
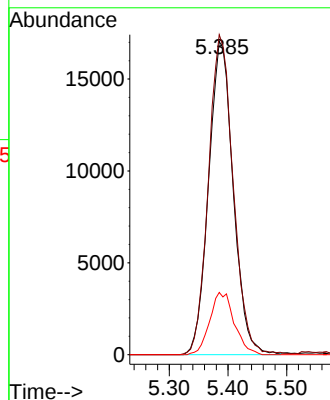
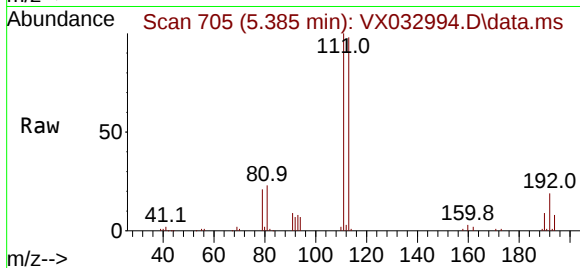
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	19.8	15.4	23.2

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#39

Methylcyclohexane

Concen: 18.724 ug/l

RT: 7.379 min Scan# 1032

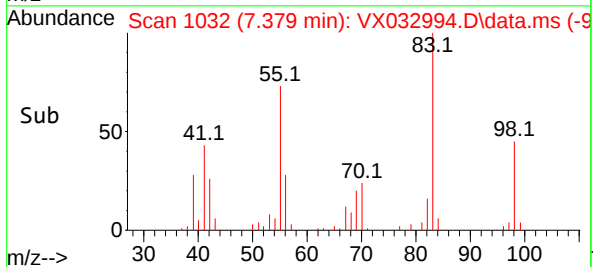
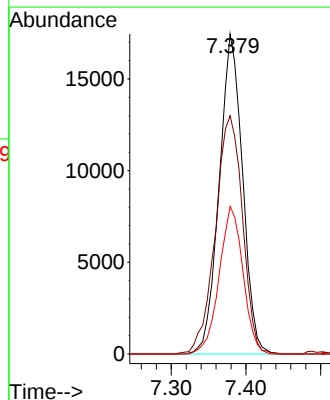
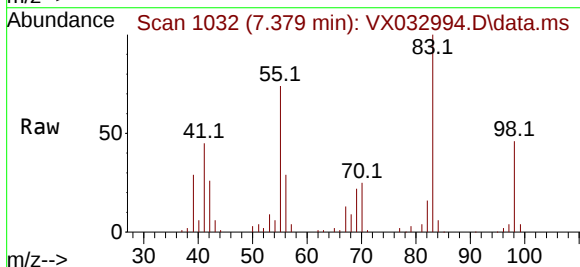
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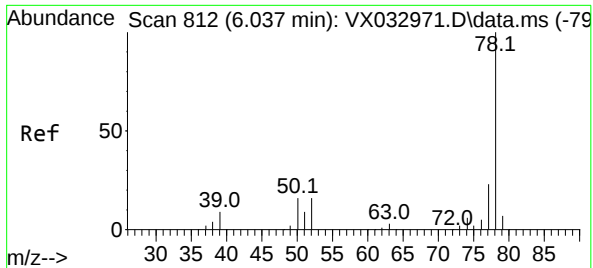
Lab File: VX032994.D

Acq: 22 Nov 2022 21:27

Tgt Ion: 83 Resp: 37840

Ion	Ratio	Lower	Upper
83	100		
55	74.5	58.4	87.6
98	46.1	37.2	55.8





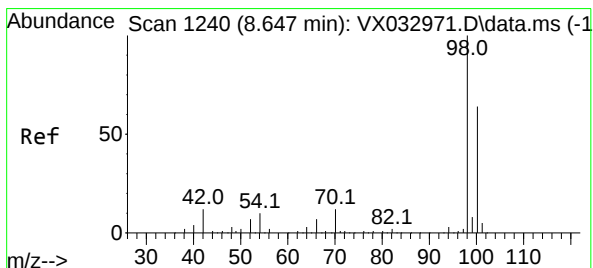
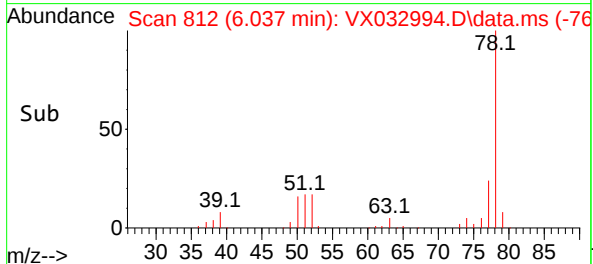
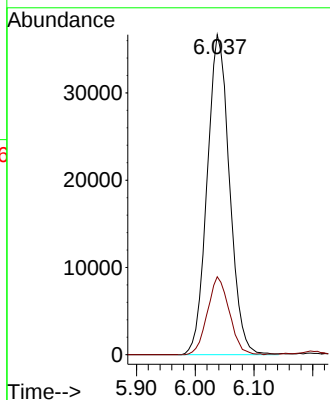
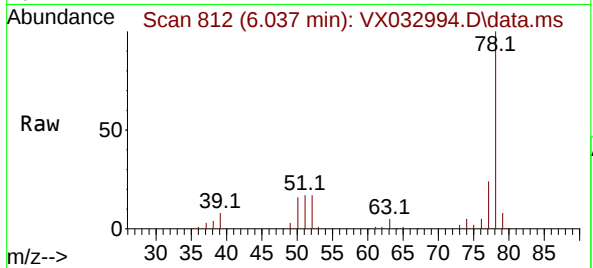
#40
Benzene
Concen: 19.557 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion: 78 Resp: 9712
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

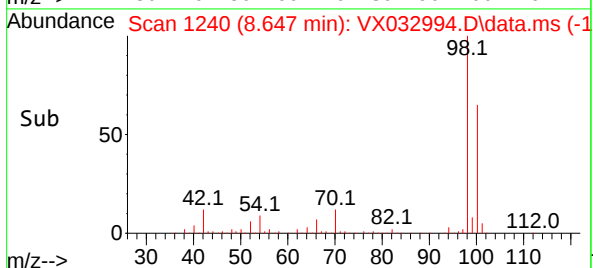
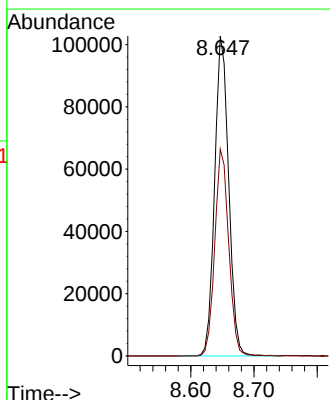
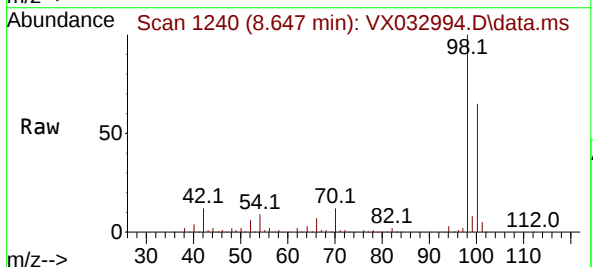
Manual Integrations
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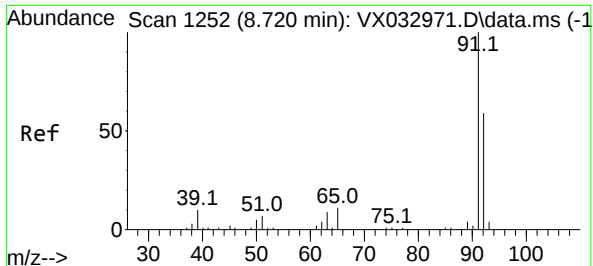
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#50
Toluene-d8
Concen: 47.278 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

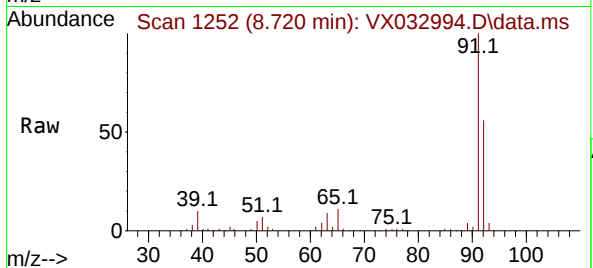
Tgt Ion: 98 Resp: 157971
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#52
Toluene
Concen: 13.914 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

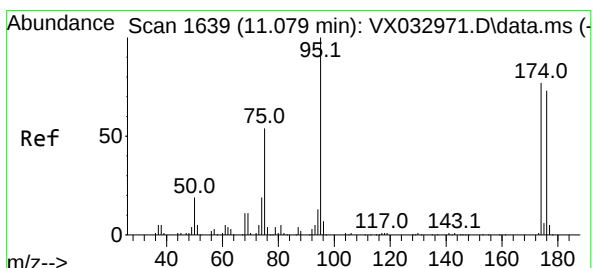
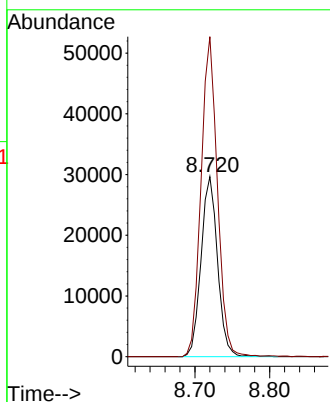
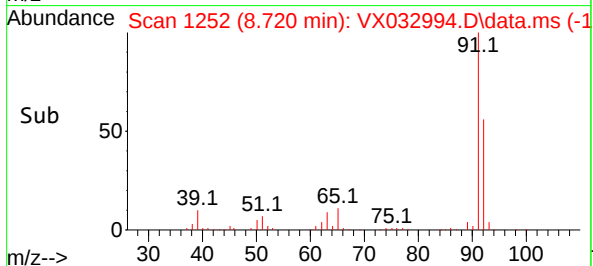
Instrument :
MSVOA_X
ClientSampleId :
MW-23



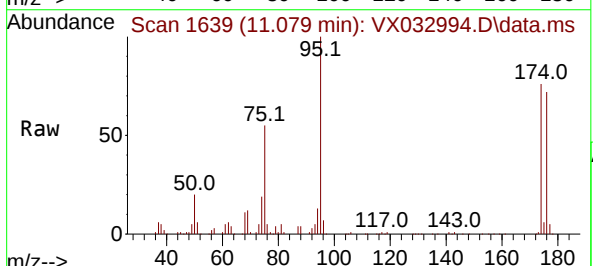
Tgt Ion: 92 Resp: 45460
Ion Ratio Lower Upper
92 100
91 176.0 138.3 207.5

Manual Integrations
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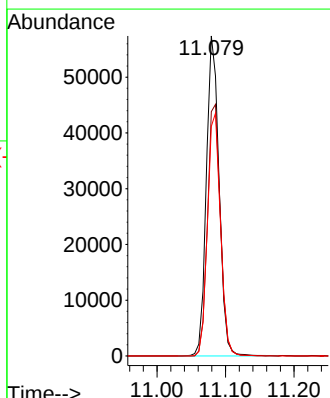
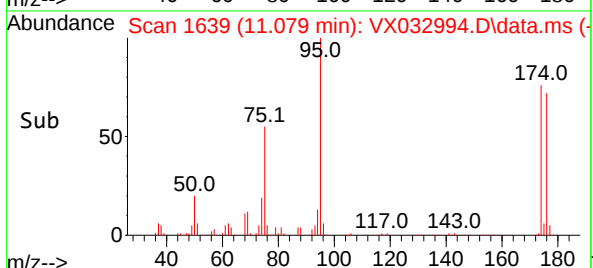
Reviewed By :John Carlone 11/23/2022
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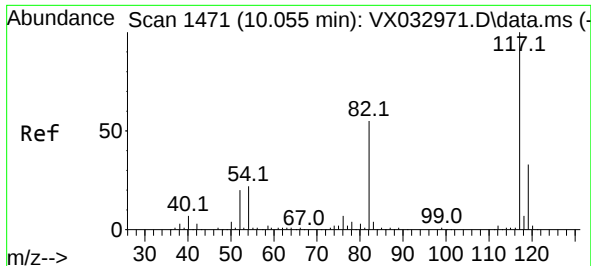


#62
4-Bromofluorobenzene
Concen: 50.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27



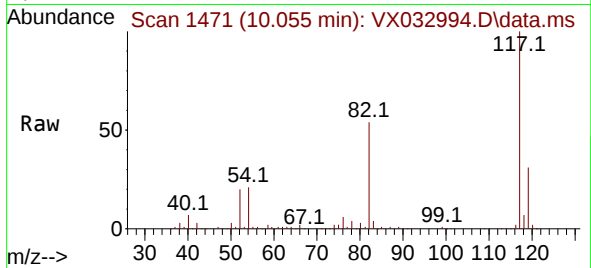
Tgt Ion: 95 Resp: 74089
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

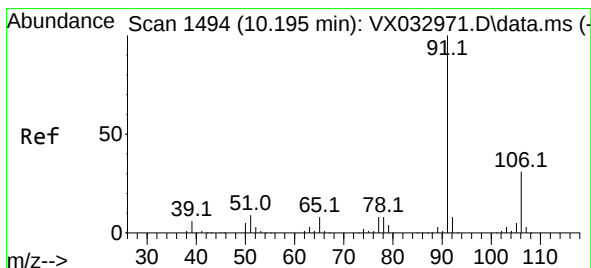
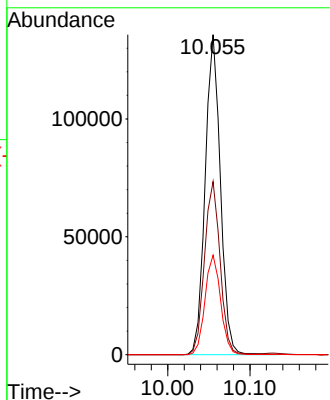
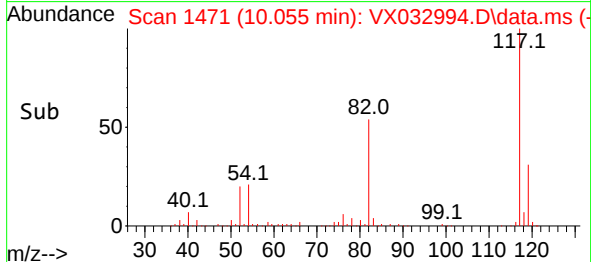
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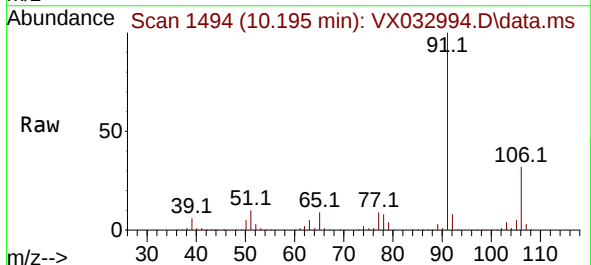
Tgt Ion: 117 Resp: 174370
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 31.1 25.7 38.5

Manual Integrations
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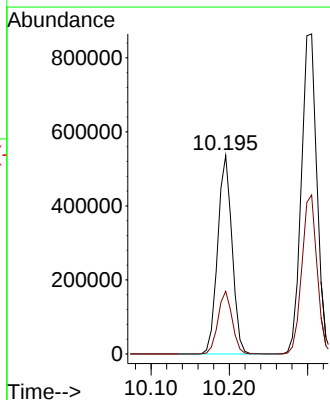
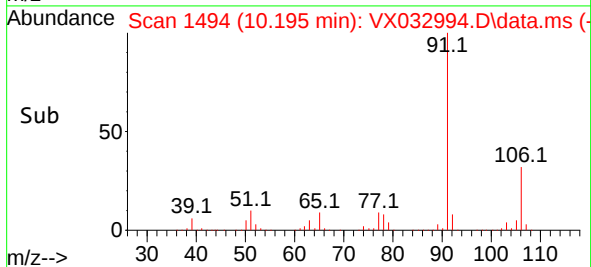
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

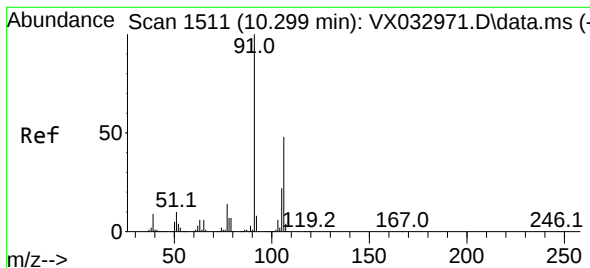


#67
Ethyl Benzene
Concen: 110.919 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27



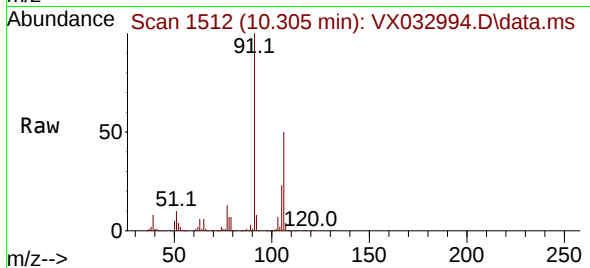
Tgt Ion: 91 Resp: 684045
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6





#68
m/p-Xylenes
Concen: 239.798 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

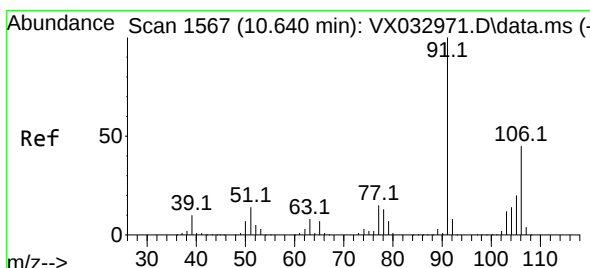
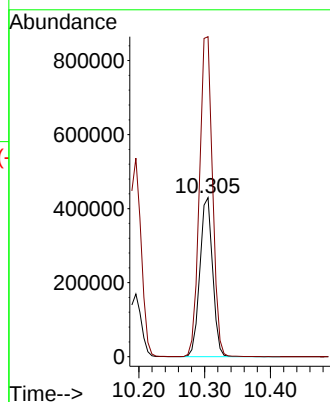
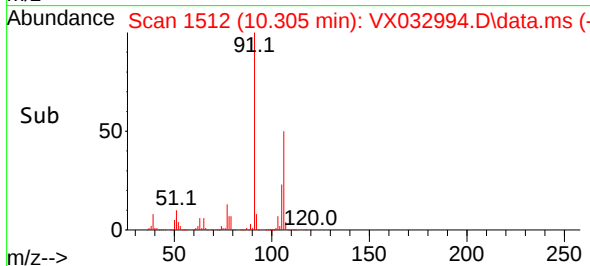
Instrument :
MSVOA_X
ClientSampleId :
MW-23



Tgt Ion:106 Resp: 579100
Ion Ratio Lower Upper
106 100
91 206.1 164.5 246.7

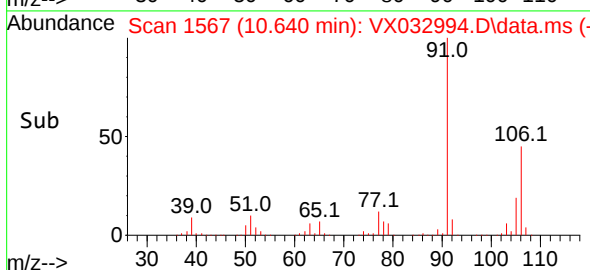
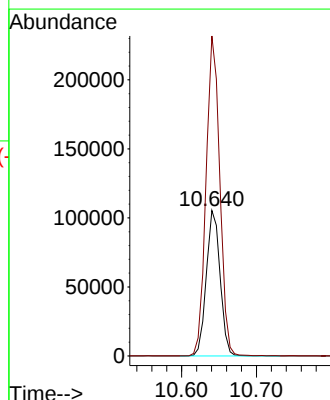
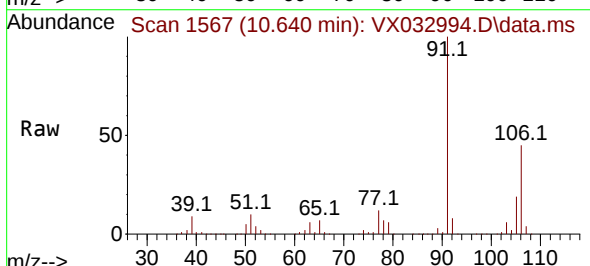
Manual Integrations
APPROVED

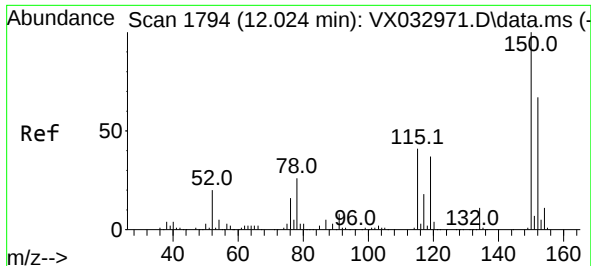
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#69
o-Xylene
Concen: 57.696 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

Tgt Ion:106 Resp: 134815
Ion Ratio Lower Upper
106 100
91 219.1 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032994.D

Acq: 22 Nov 2022 21:27

Instrument :

MSVOA_X

ClientSampleId :

MW-23

Tgt Ion:152 Resp: 90419

Ion Ratio Lower Upper

152 100

115 60.8 44.0 132.0

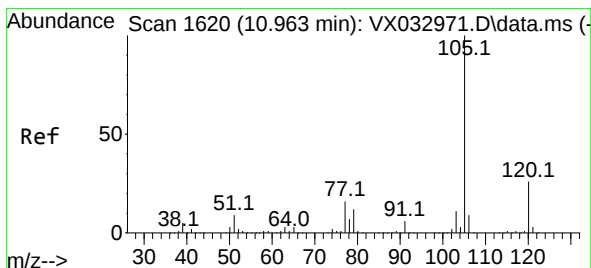
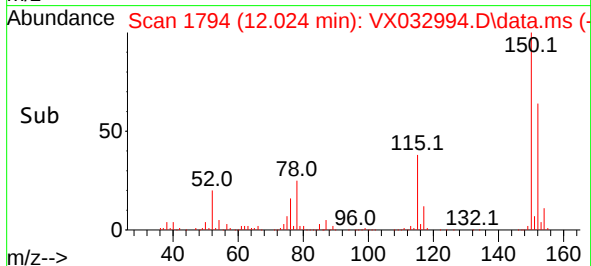
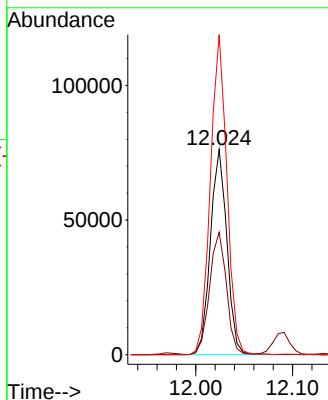
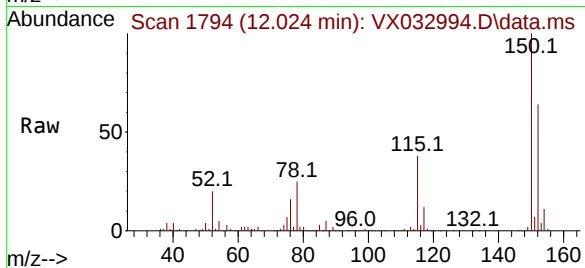
150 155.9 0.0 351.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#73

Isopropylbenzene

Concen: 7.523 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032994.D

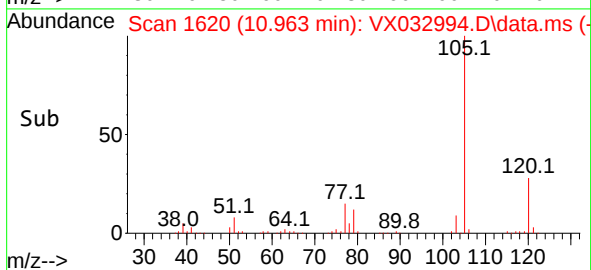
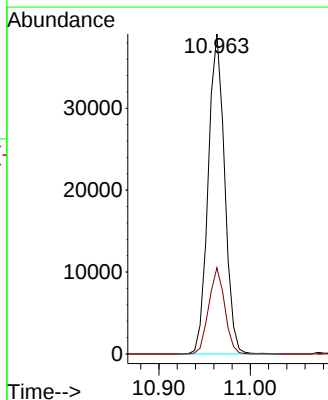
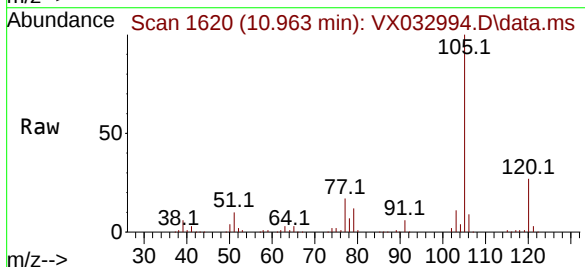
Acq: 22 Nov 2022 21:27

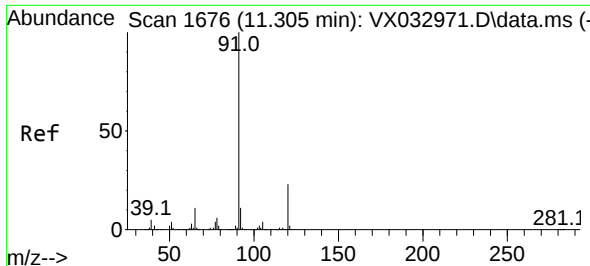
Tgt Ion:105 Resp: 48610

Ion Ratio Lower Upper

105 100

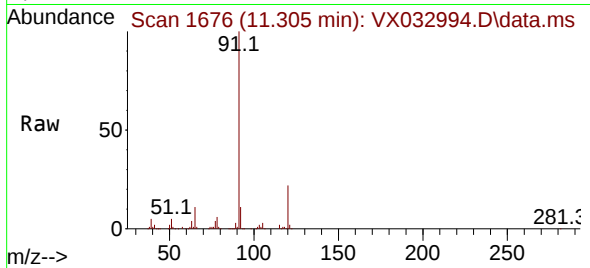
120 26.2 13.1 39.3





#78
n-propylbenzene
Concen: 20.278 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

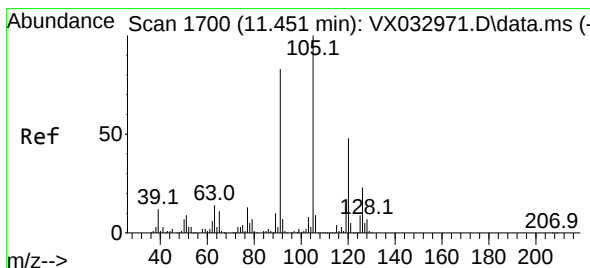
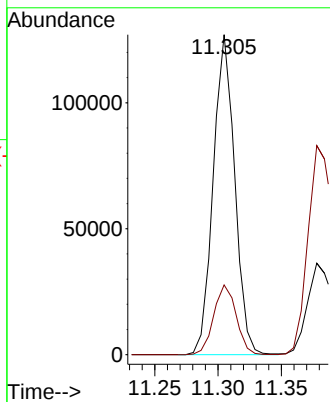
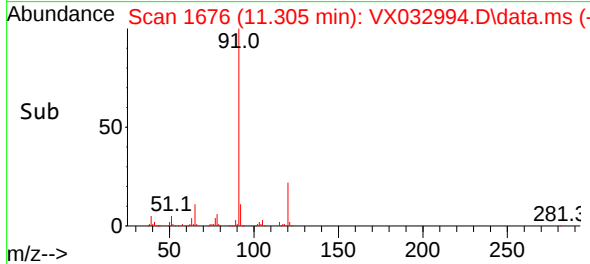
Instrument :
MSVOA_X
ClientSampleId :
MW-23



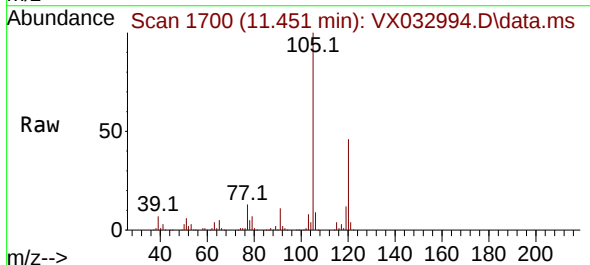
Tgt Ion: 91 Resp: 149800
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

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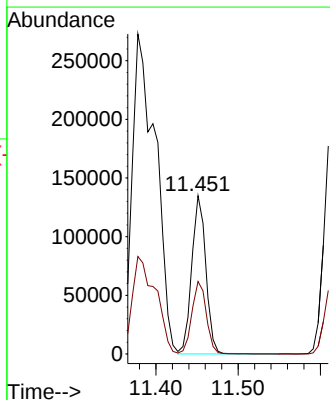
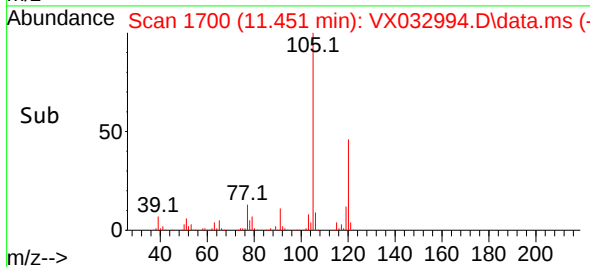
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

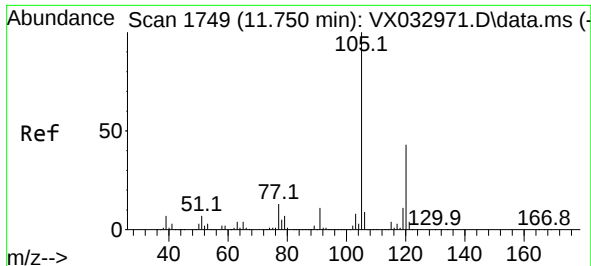


#80
1,3,5-Trimethylbenzene
Concen: 29.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27



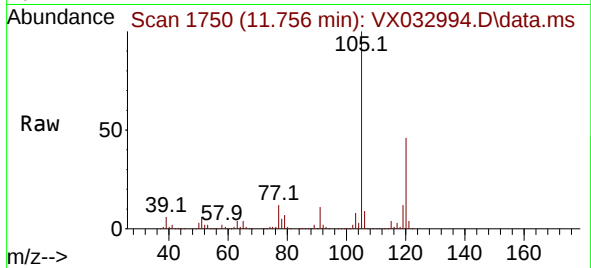
Tgt Ion:105 Resp: 160505
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0





#84
1,2,4-Trimethylbenzene
Concen: 157.226 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

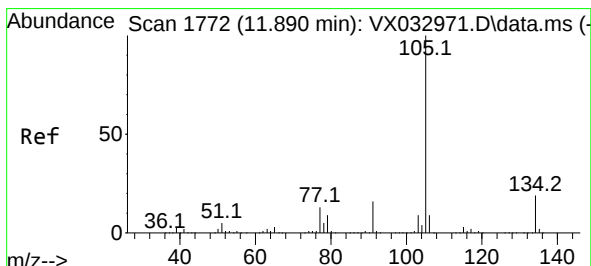
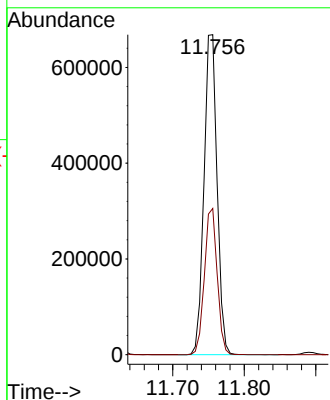
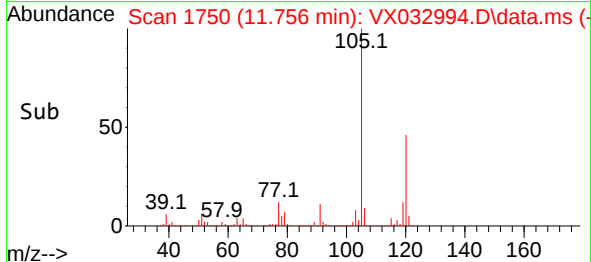
Instrument :
MSVOA_X
ClientSampleId :
MW-23



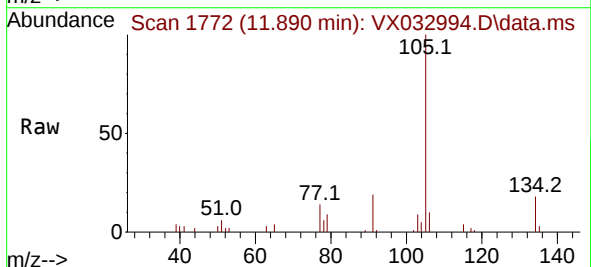
Tgt Ion:105 Resp: 850950
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5

Manual Integrations
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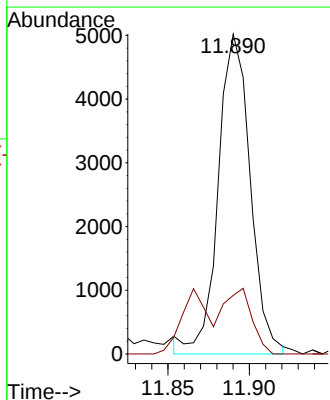
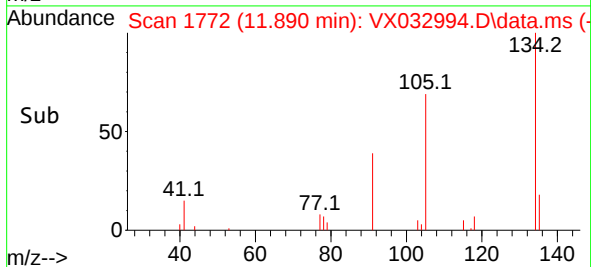
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

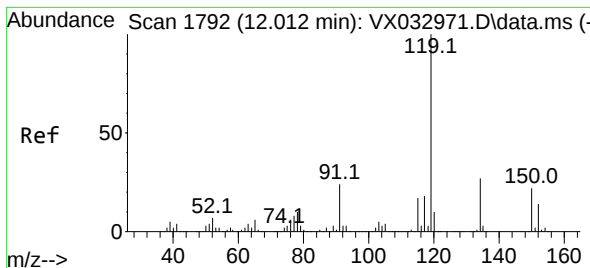


#85
sec-Butylbenzene
Concen: 1.061 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27



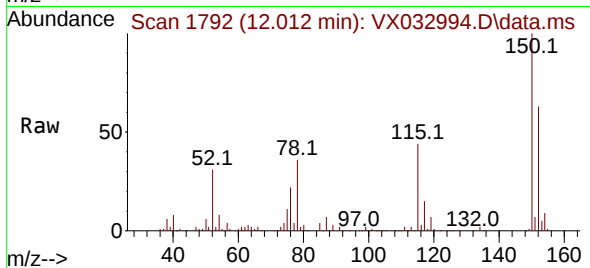
Tgt Ion:105 Resp: 6857
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 0.626 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27

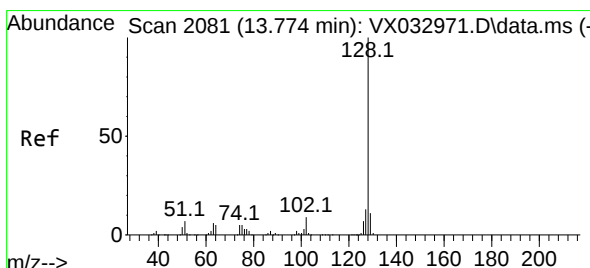
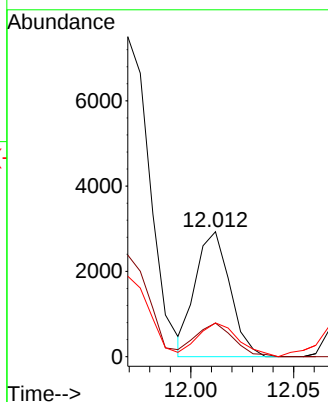
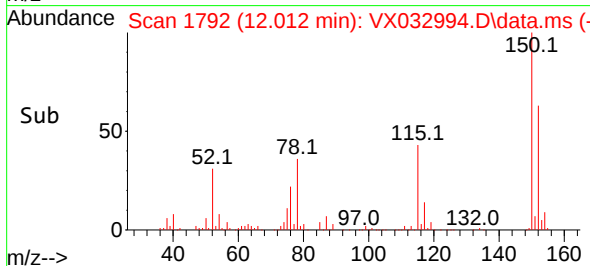
Instrument :
MSVOA_X
ClientSampleId :
MW-23



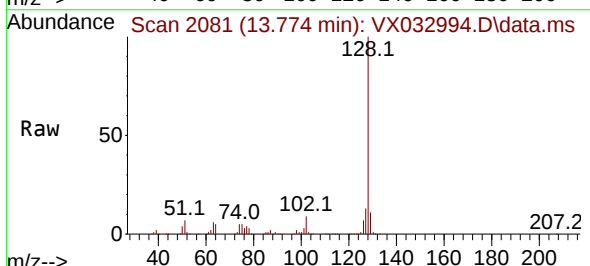
Tgt Ion:119 Resp: 3428
Ion Ratio Lower Upper
119 100
134 29.3 12.9 38.7
91 0.0 12.5 37.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#95
Naphthalene
Concen: 45.511 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032994.D
Acq: 22 Nov 2022 21:27



Tgt Ion:128 Resp: 263135
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3

