

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028671.D
 Acq On : 13 May 2022 12:36
 Operator : JC/MD
 Sample : N2799-10DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10RDL

Quant Time: May 16 02:19:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	445368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174498	52.455	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.920%			
35) Dibromofluoromethane	5.391	113	147697	50.616	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.240%			
50) Toluene-d8	8.653	98	541338	49.207	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	201993	49.158	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.320%			
Target Compounds						Qvalue
31) Cyclohexane	5.483	56	16687	3.614	ug/l	# 95
39) Methylcyclohexane	7.379	83	16613	3.305	ug/l	# 89
40) Benzene	6.044	78	25379	2.015	ug/l	98
52) Toluene	8.726	92	9681	1.195	ug/l	95
67) Ethyl Benzene	10.195	91	572270	35.528	ug/l	99
68) m/p-Xylenes	10.305	106	87005	13.874	ug/l	97
69) o-Xylene	10.646	106	19780	3.204	ug/l	98
73) Isopropylbenzene	10.963	105	78555	5.156	ug/l	100
78) n-propylbenzene	11.305	91	171324	9.722	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40520	3.192	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	141598	11.124	ug/l	100
85) sec-Butylbenzene	11.890	105	12173	0.803	ug/l	97
86) p-Isopropyltoluene	12.006	119	3560m	0.280	ug/l	
89) n-Butylbenzene	12.335	91	17063	1.548	ug/l	# 58
95) Naphthalene	13.774	128	364385	25.526	ug/l	100

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

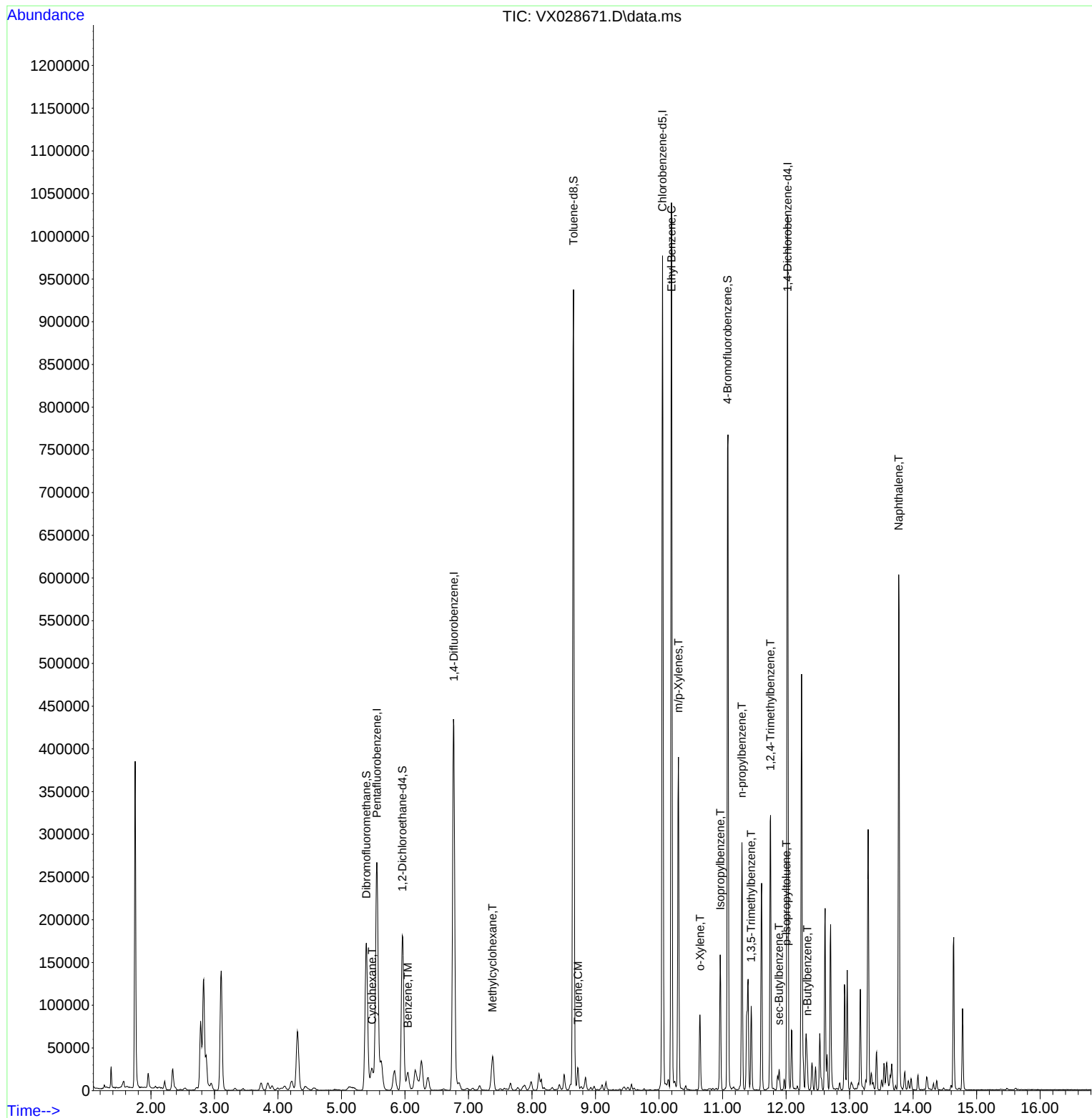
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028671.D
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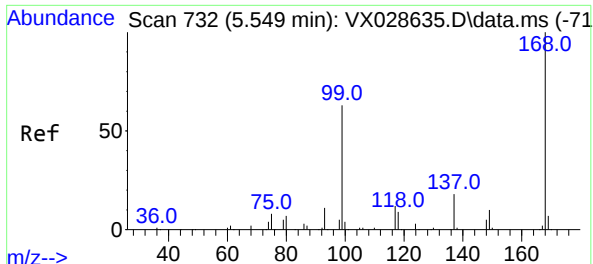
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL

Quant Time: May 16 02:19:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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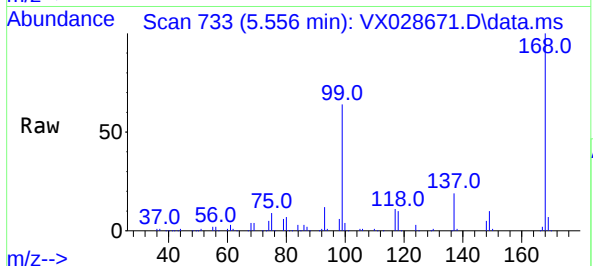
Reviewed By : John Carlone 05/16/2022
Supervised By : Mahesh Dadoda 05/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

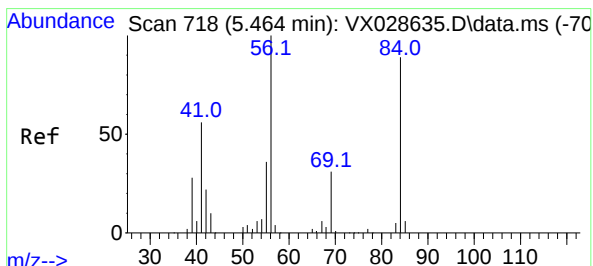
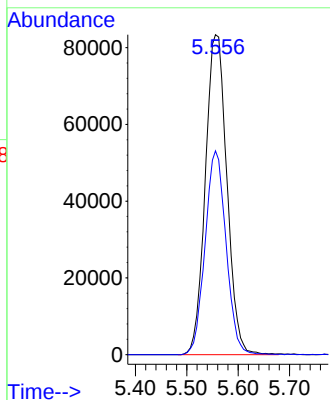
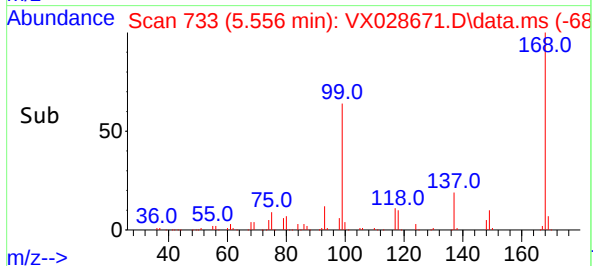
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



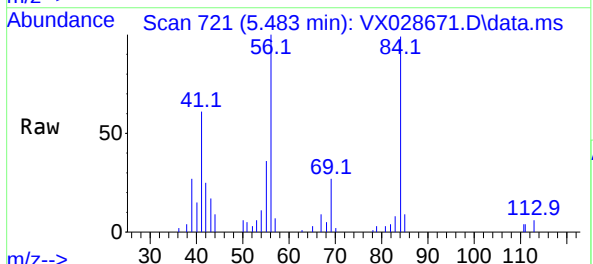
Tgt Ion:168 Resp: 24268
Ion Ratio Lower Upper
168 100
99 63.7 41.7 62.5

Manual Integrations
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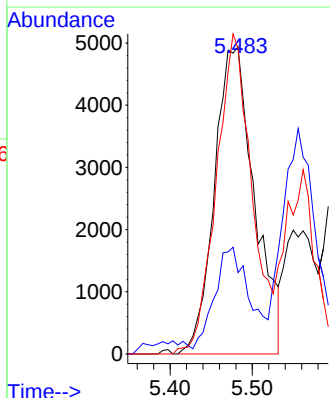
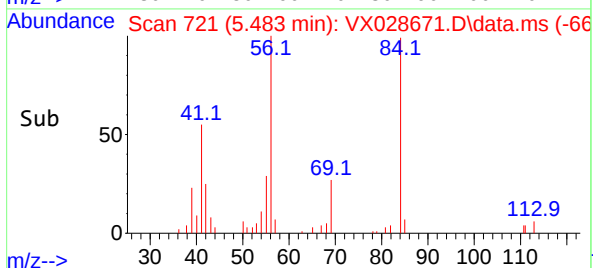
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

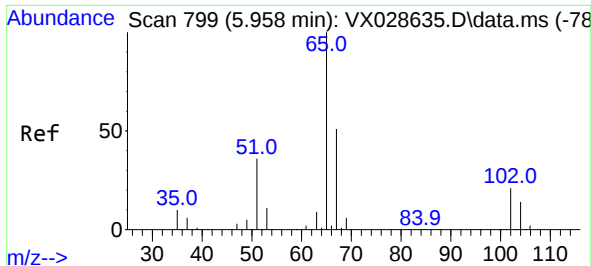


#31
Cyclohexane
Concen: 3.614 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.019 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36



Tgt Ion: 56 Resp: 16687
Ion Ratio Lower Upper
56 100
69 23.6 26.7 40.1#
84 97.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 52.455 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028671.D

Acq: 13 May 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

MW-10RDL

Tgt Ion: 65 Resp: 174498

Ion Ratio Lower Upper

65 100

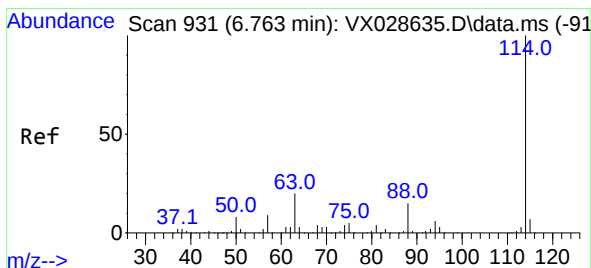
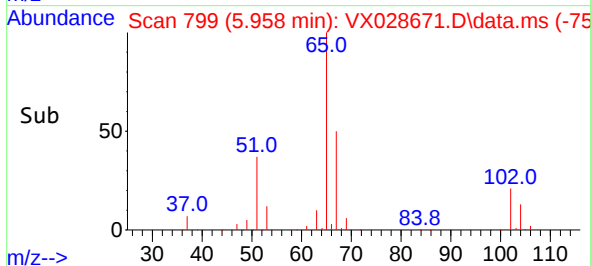
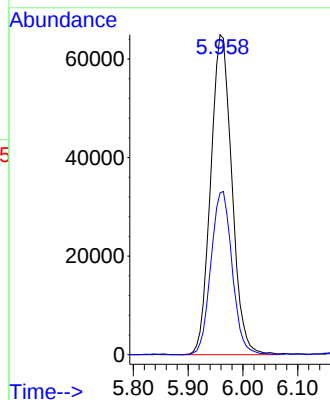
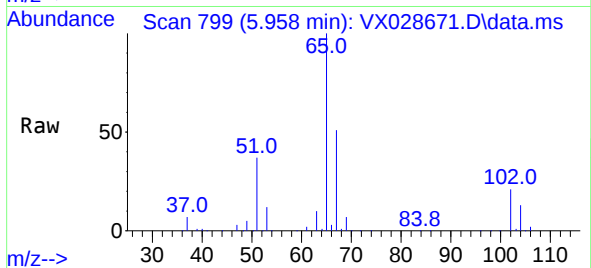
67 51.1 0.0 107.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028671.D

Acq: 13 May 2022 12:36

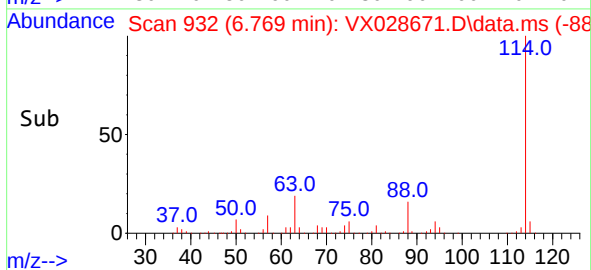
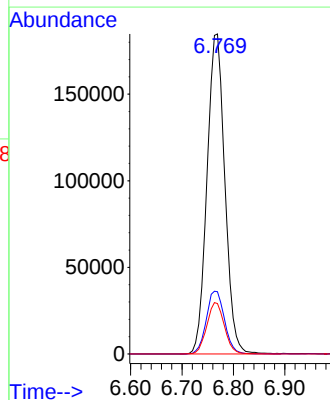
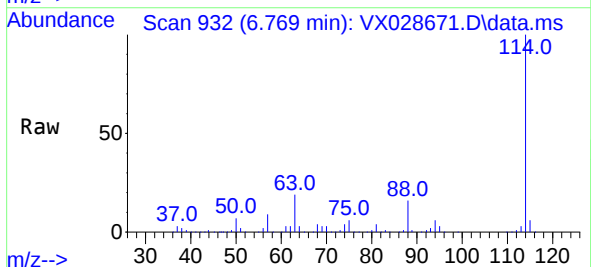
Tgt Ion:114 Resp: 445368

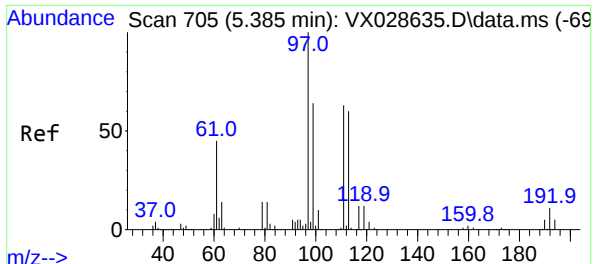
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

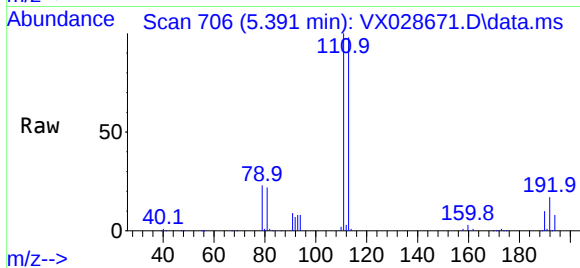
88 15.8 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.616 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

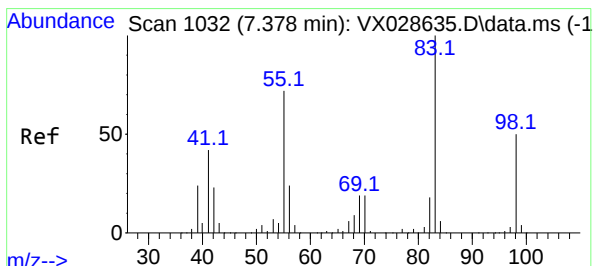
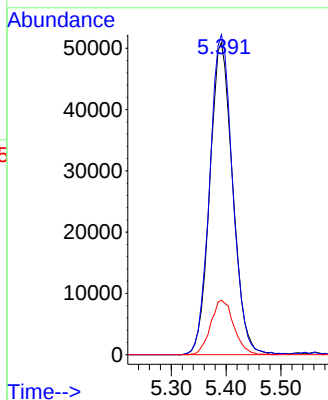
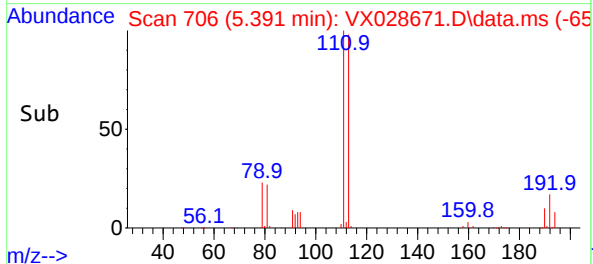
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



Tgt Ion:113 Resp: 14769
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 17.7 16.9 25.3

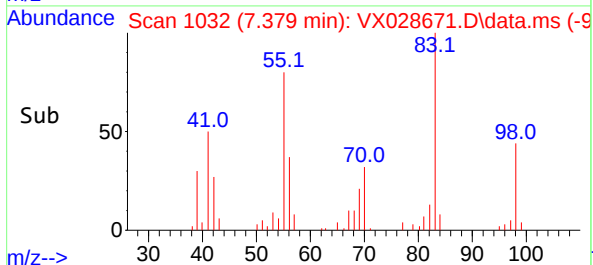
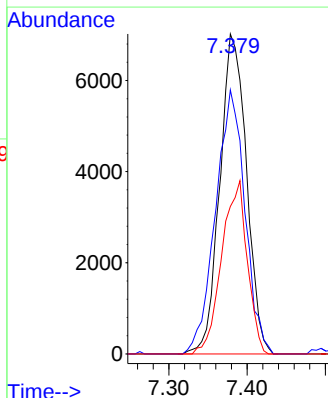
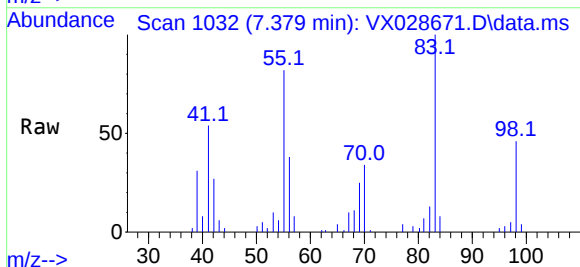
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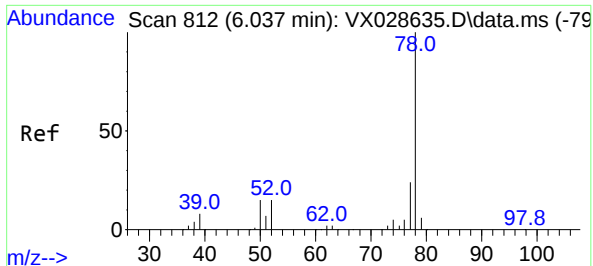
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#39
Methylcyclohexane
Concen: 3.305 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Tgt Ion: 83 Resp: 16613
Ion Ratio Lower Upper
83 100
55 82.5 54.6 81.8#
98 46.1 37.4 56.2





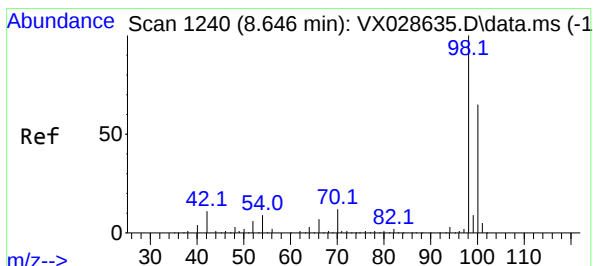
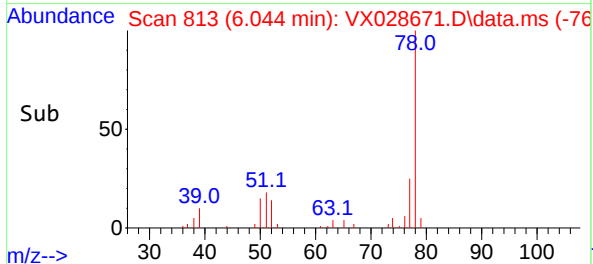
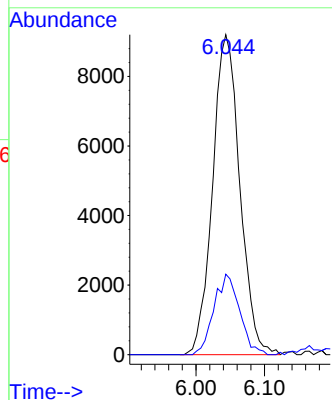
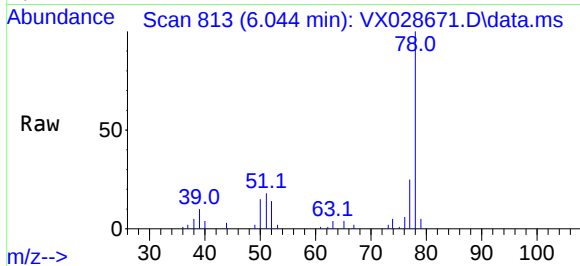
#40
Benzene
Concen: 2.015 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL

Tgt Ion: 78 Resp: 25379
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

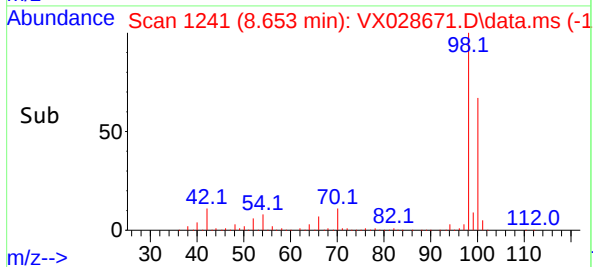
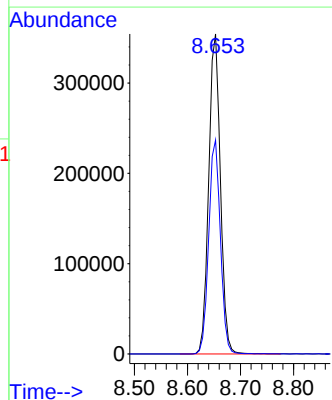
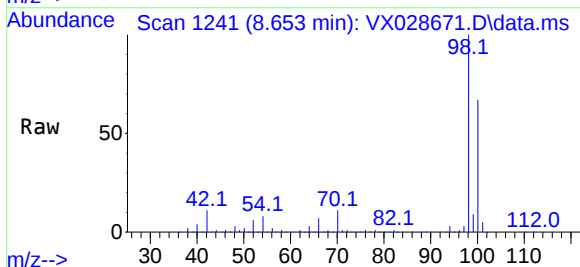
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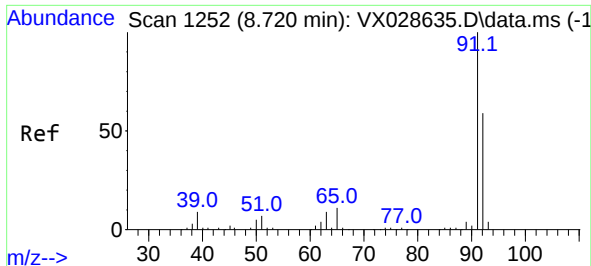
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

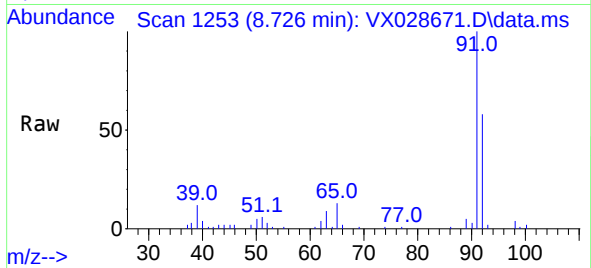
Tgt Ion: 98 Resp: 541338
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





#52
Toluene
Concen: 1.195 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

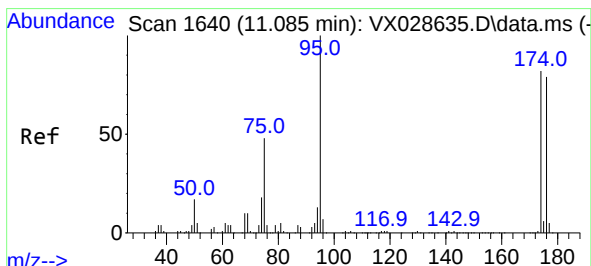
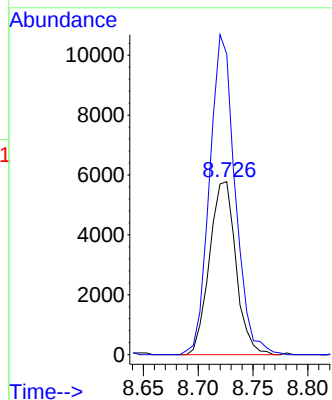
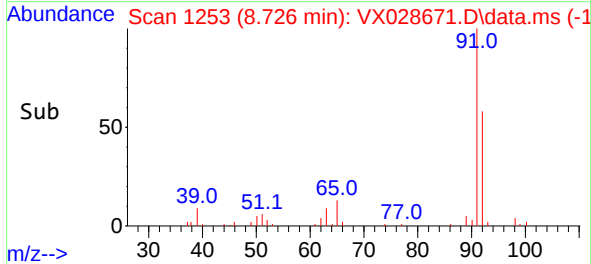
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



Tgt Ion: 92 Resp: 968
Ion Ratio Lower Upper
92 100
91 178.8 137.5 206.3

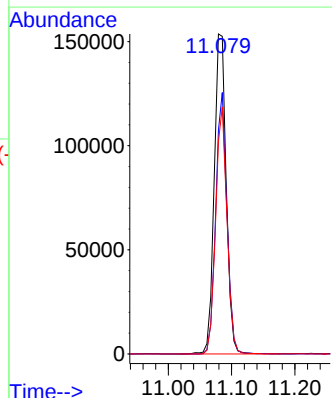
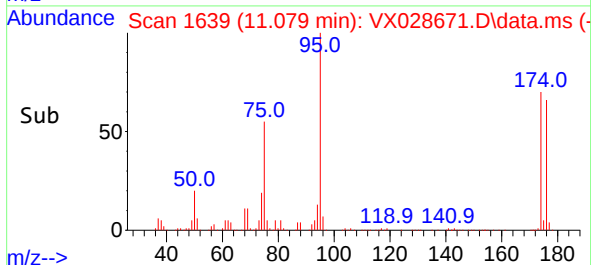
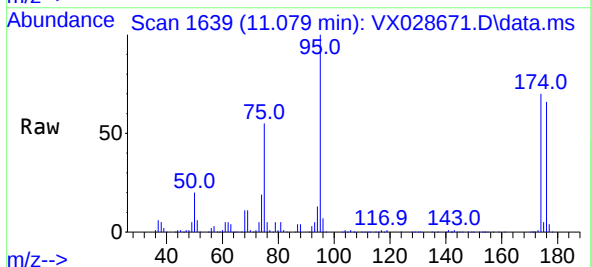
Manual Integrations
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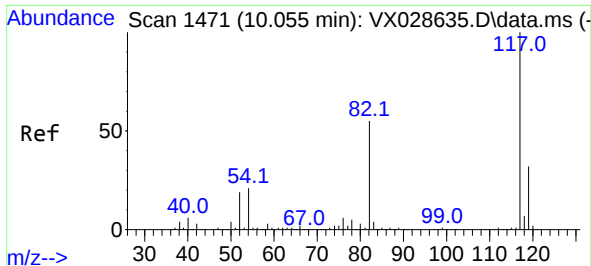
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

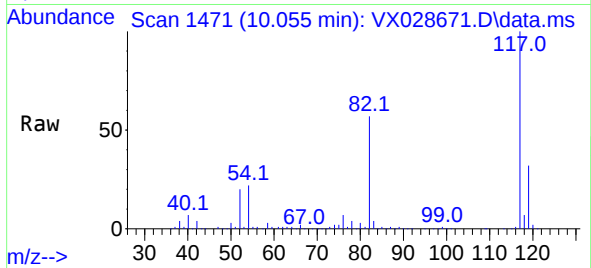
Tgt Ion: 95 Resp: 201993
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 72.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

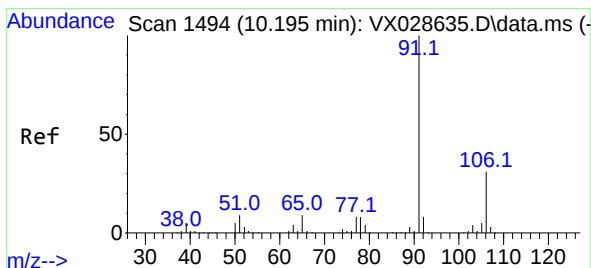
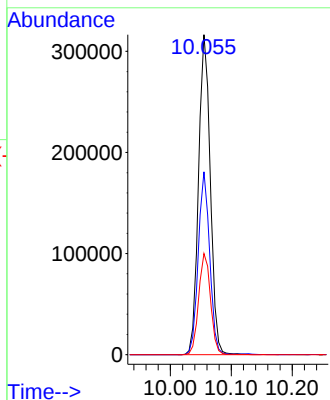
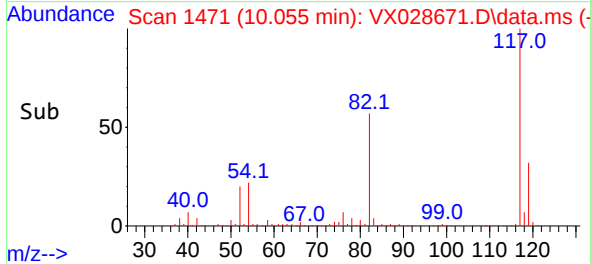
Instrument :
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ClientSampleId :
MW-10RDL



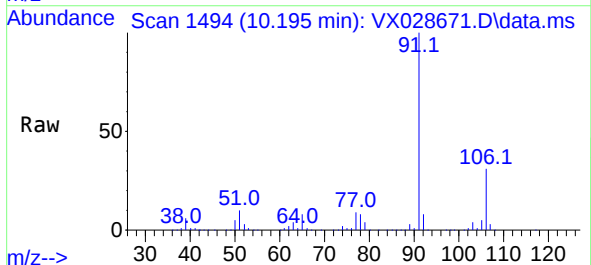
Tgt Ion: 117 Resp: 423608
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 31.6 24.8 37.2

Manual Integrations
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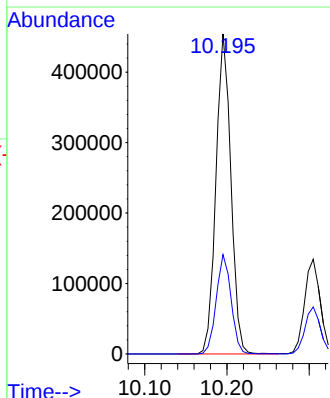
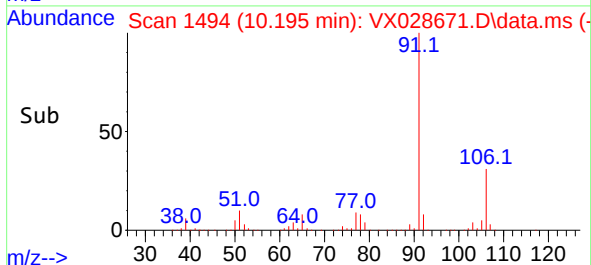
Reviewed By :John Carlone 05/16/2022
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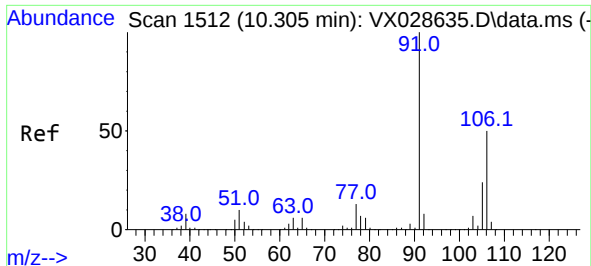


#67
Ethyl Benzene
Concen: 35.528 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36



Tgt Ion: 91 Resp: 572270
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8





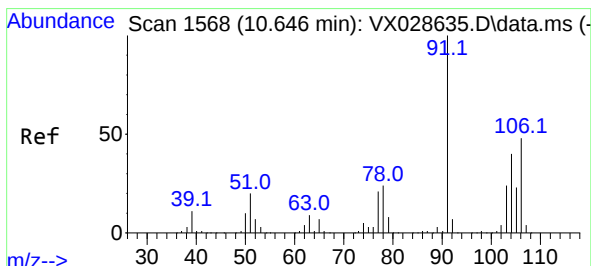
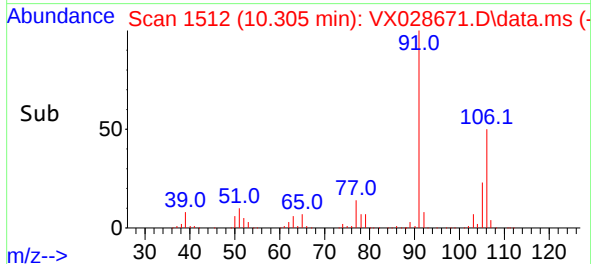
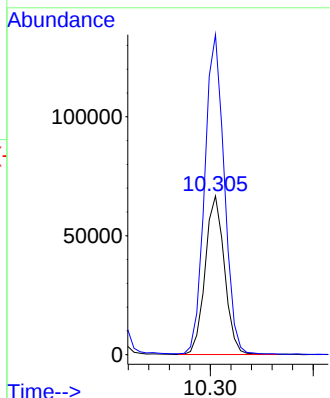
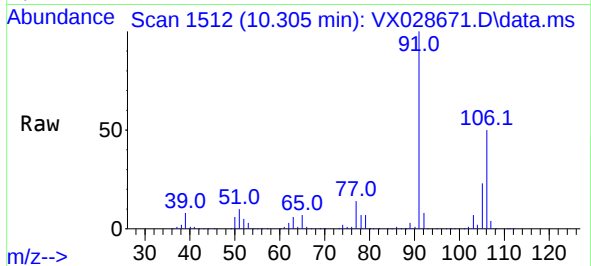
#68
m/p-Xylenes
Concen: 13.874 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL

Tgt Ion:106 Resp: 87000
Ion Ratio Lower Upper
106 100
91 204.7 160.4 240.6

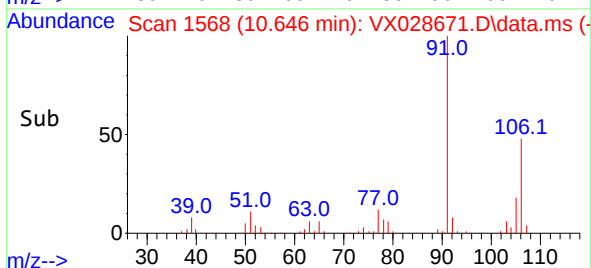
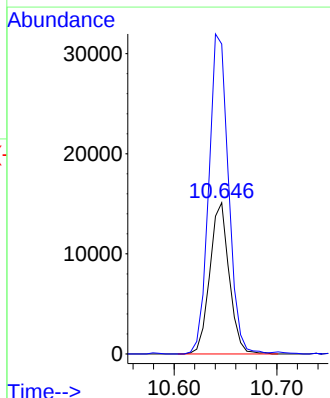
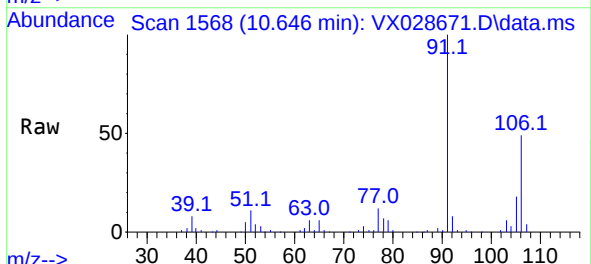
Manual Integrations
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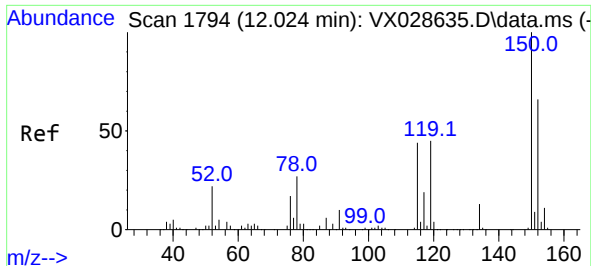
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#69
o-Xylene
Concen: 3.204 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

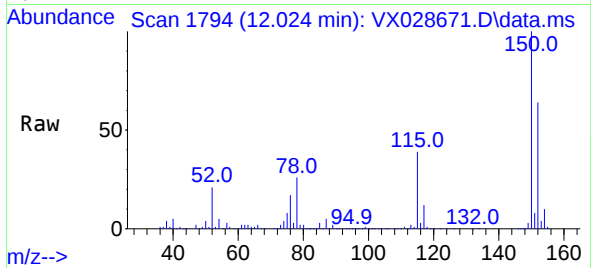
Tgt Ion:106 Resp: 19780
Ion Ratio Lower Upper
106 100
91 214.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

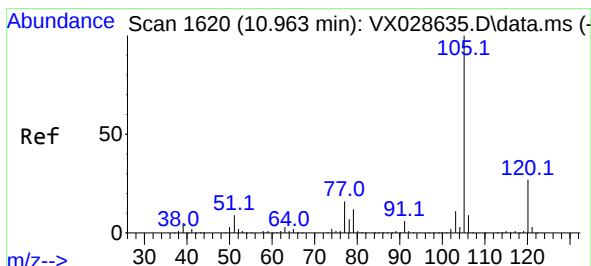
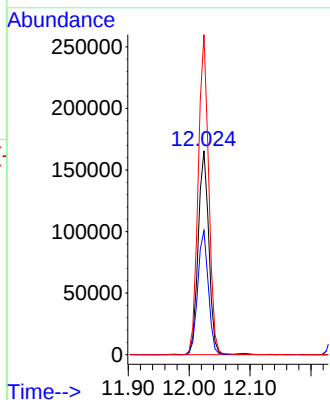
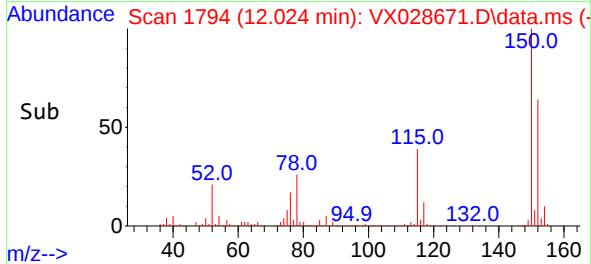
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



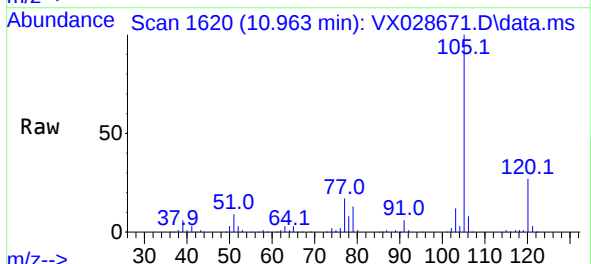
Tgt Ion:152 Resp: 20088
Ion Ratio Lower Upper
152 100
115 60.3 37.5 112.7
150 154.9 0.0 338.2

Manual Integrations
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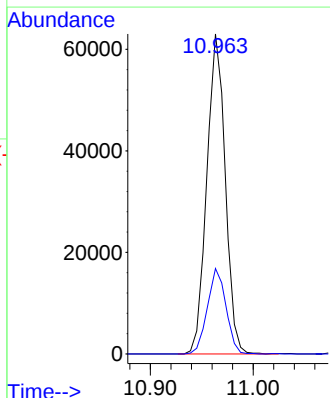
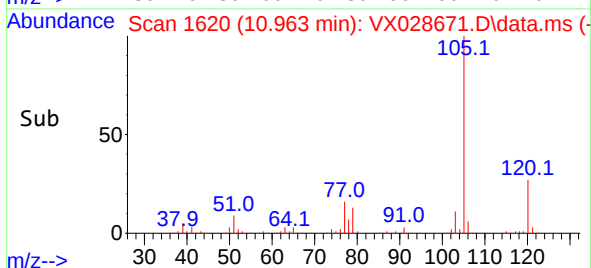
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

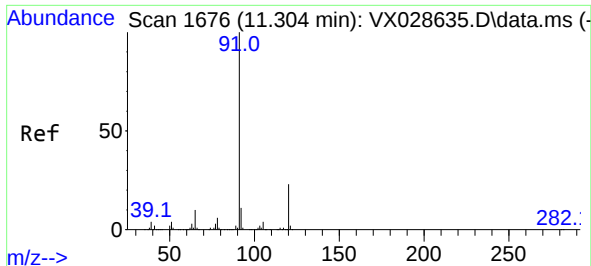


#73
Isopropylbenzene
Concen: 5.156 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36



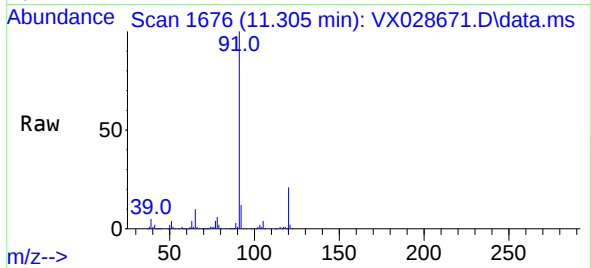
Tgt Ion:105 Resp: 78555
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5





#78
n-propylbenzene
Concen: 9.722 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

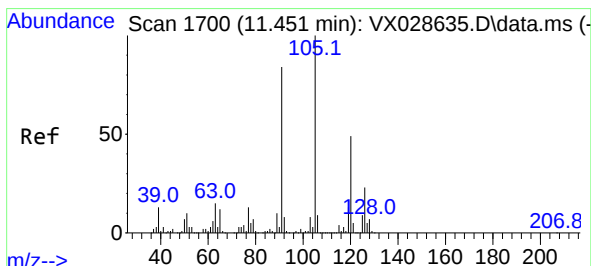
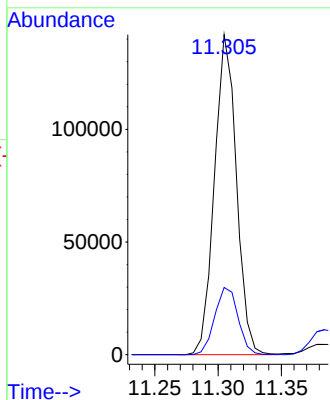
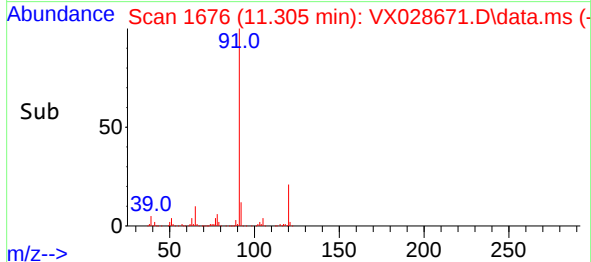
Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



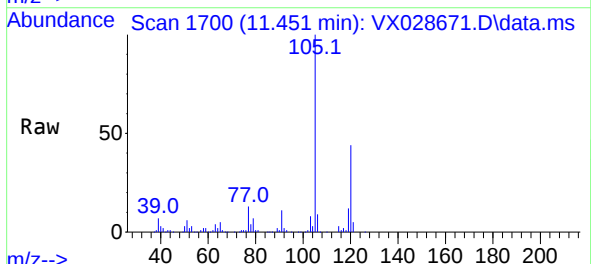
Tgt Ion: 91 Resp: 171324
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8

Manual Integrations
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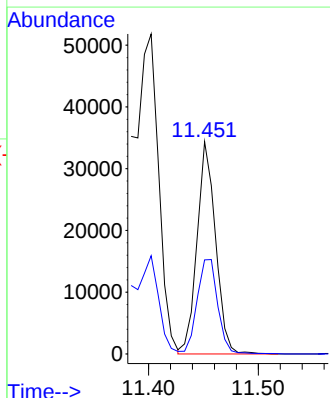
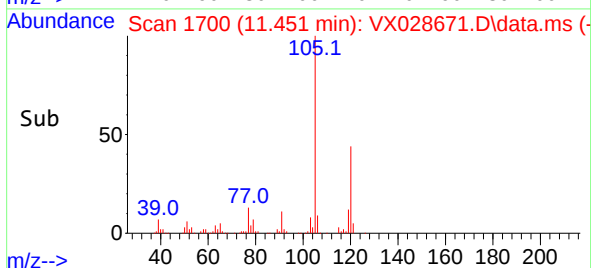
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

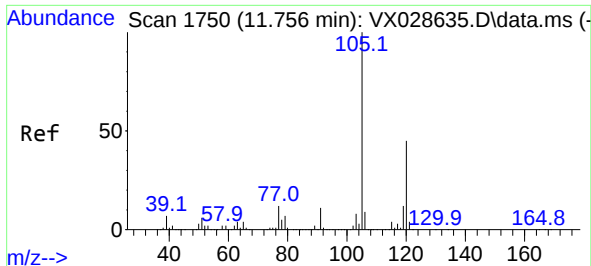


#80
1,3,5-Trimethylbenzene
Concen: 3.192 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36



Tgt Ion:105 Resp: 40520
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.9





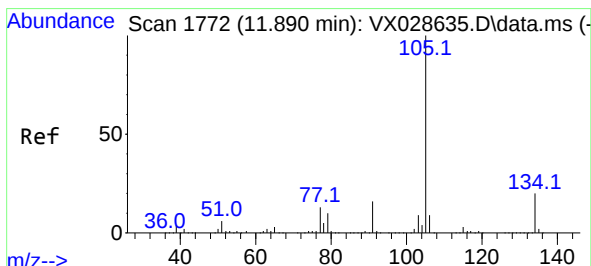
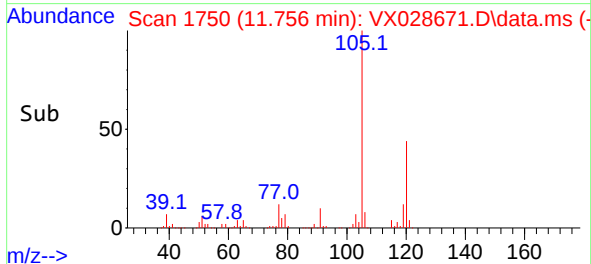
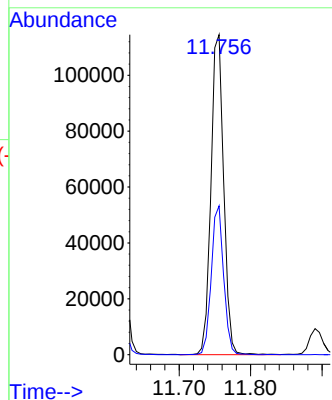
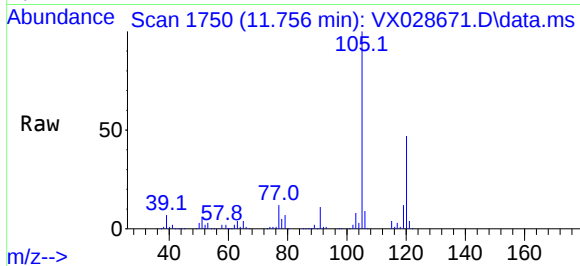
#84
1,2,4-Trimethylbenzene
Concen: 11.124 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL

Tgt Ion:105 Resp: 141598
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8

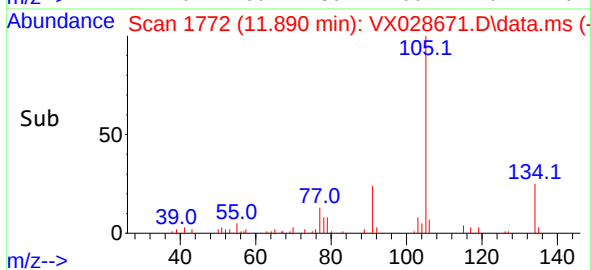
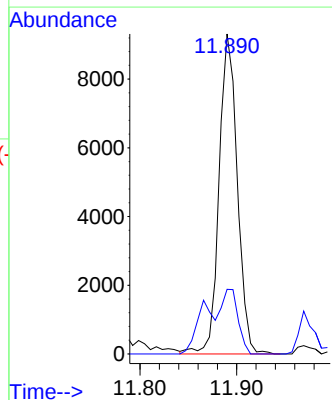
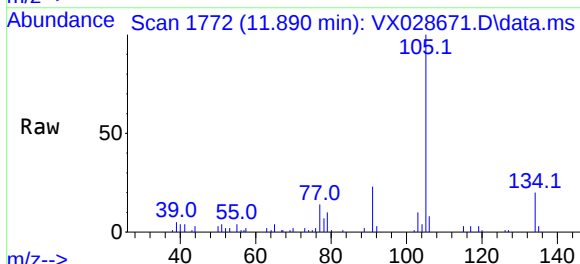
Manual Integrations
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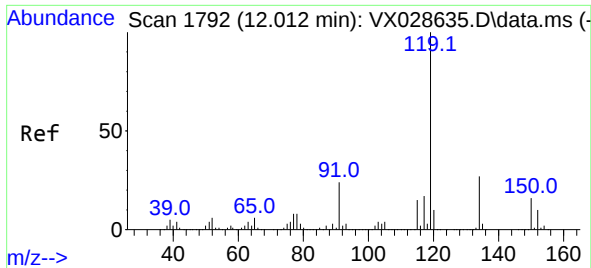
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#85
sec-Butylbenzene
Concen: 0.803 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Tgt Ion:105 Resp: 12173
Ion Ratio Lower Upper
105 100
134 18.8 10.2 30.4





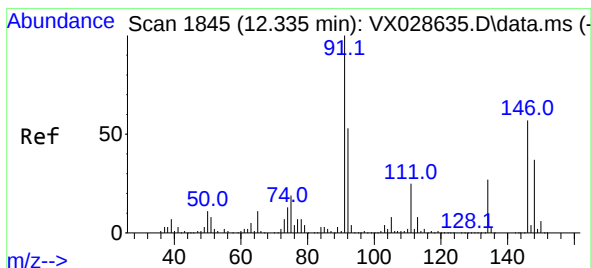
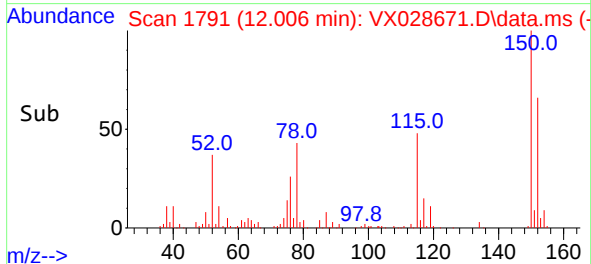
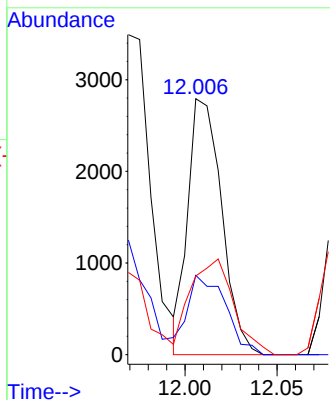
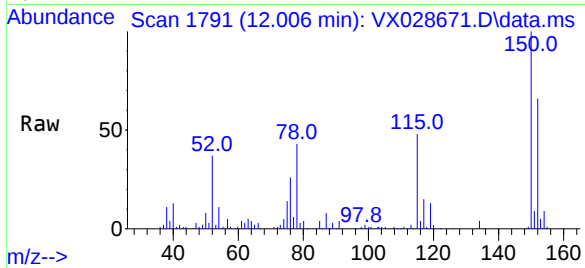
#86
p-Isopropyltoluene
Concen: 0.280 ug/l m
RT: 12.006 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL

Tgt Ion:119 Resp: 3560
Ion Ratio Lower Upper
119 100
134 35.5 13.0 39.0
91 32.0 11.3 33.9

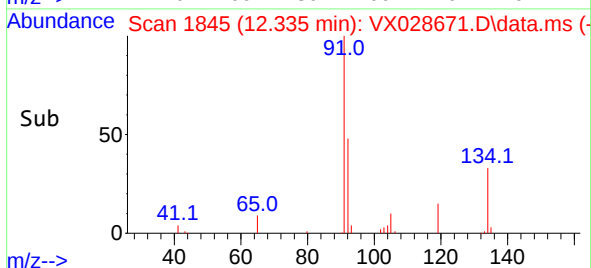
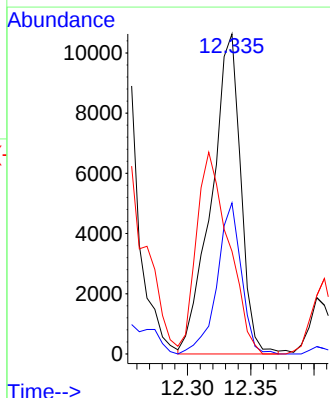
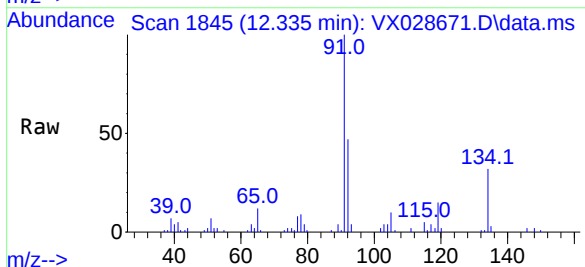
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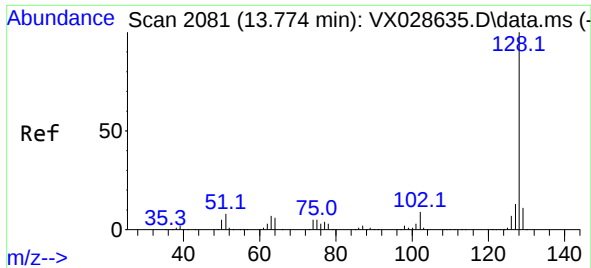
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#89
n-Butylbenzene
Concen: 1.548 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

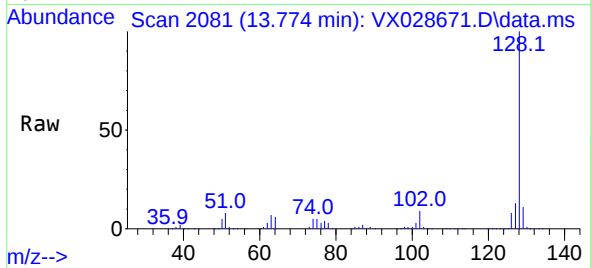
Tgt Ion: 91 Resp: 17063
Ion Ratio Lower Upper
91 100
92 39.2 27.8 83.3
134 69.3 13.3 39.8#





#95
Naphthalene
Concen: 25.526 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028671.D
Acq: 13 May 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10RDL



Tgt Ion:128 Resp: 364385
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

