

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027072.D
 Acq On : 17 Feb 2022 13:03
 Operator : JC/MD
 Sample : N1575-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9RDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 03:48:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	109346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66718	50.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.660%			
35) Dibromofluoromethane	5.391	113	55918	52.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.860%			
50) Toluene-d8	8.653	98	208655	53.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.600%			
62) 4-Bromofluorobenzene	11.079	95	78725	57.116	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.240%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	1024m	1.776	ug/l	
31) Cyclohexane	5.483	56	8242	3.952	ug/l #	91
39) Methylcyclohexane	7.385	83	4701	2.278	ug/l	97
40) Benzene	6.038	78	3858	0.787	ug/l	100
52) Toluene	8.720	92	6707	2.160	ug/l	99
67) Ethyl Benzene	10.195	91	122736	20.566	ug/l	100
68) m/p-Xylenes	10.305	106	103334	45.003	ug/l	97
69) o-Xylene	10.646	106	24067	10.697	ug/l	98
73) Isopropylbenzene	10.963	105	16465	2.922	ug/l	97
78) n-propylbenzene	11.305	91	51563	8.254	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	41190	8.882	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	185370	39.628	ug/l	96
86) p-Isopropyltoluene	12.012	119	1572	0.331	ug/l #	72
95) Naphthalene	13.780	128	25227	4.819	ug/l	99

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

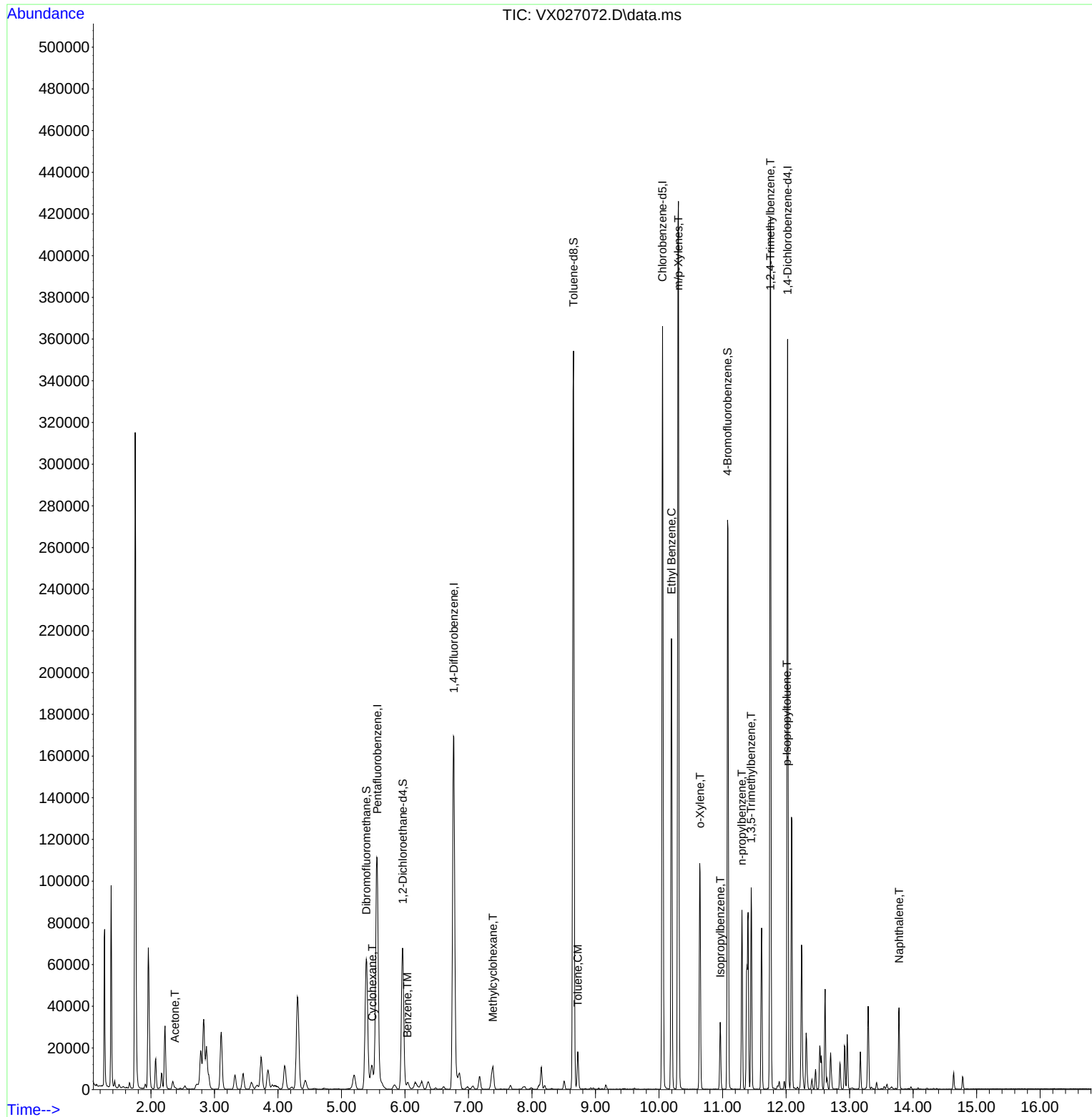
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
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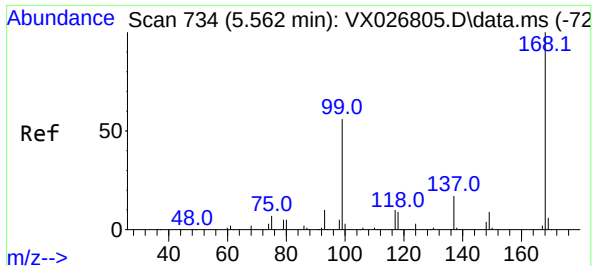
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL

Quant Time: Feb 18 03:48:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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APPROVED

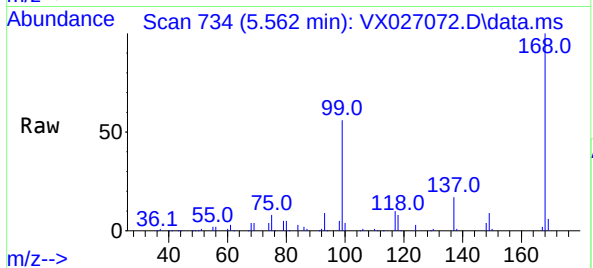
Reviewed By : John Carlone 02/18/2022
Supervised By : Mahesh Dadoda 02/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

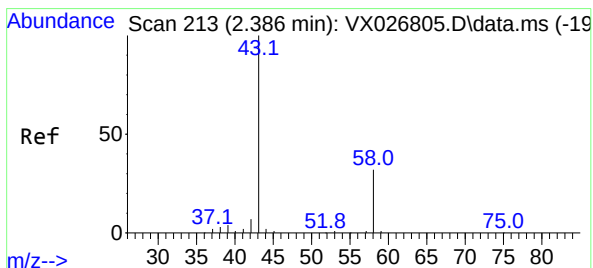
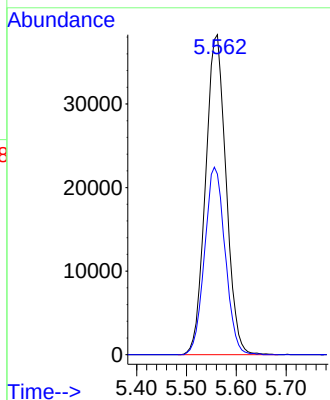
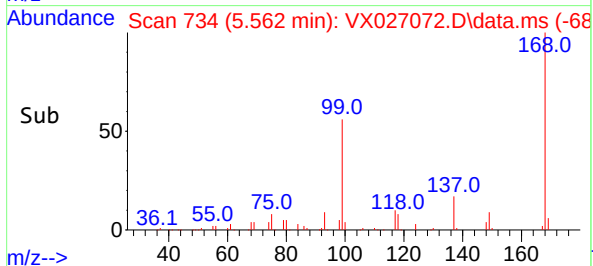
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



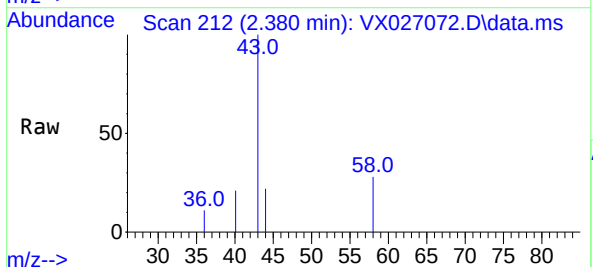
Tgt Ion:168 Resp: 109340
Ion Ratio Lower Upper
168 100
99 56.4 50.3 75.5

Manual Integrations
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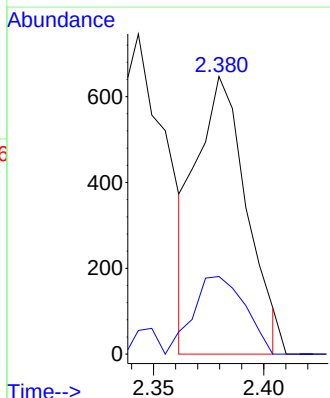
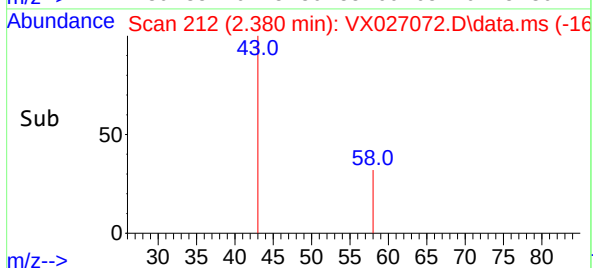
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

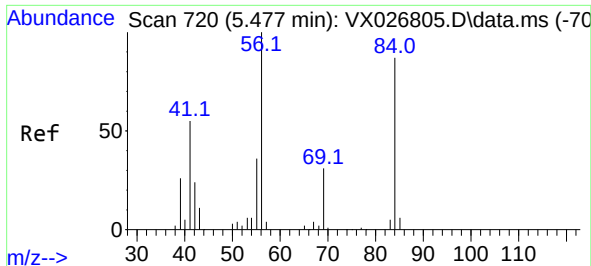


#16
Acetone
Concen: 1.776 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03



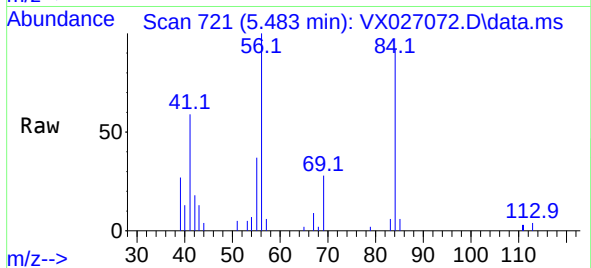
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 28.0 23.0 34.6





#31
Cyclohexane
Concen: 3.952 ug/l
RT: 5.483 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

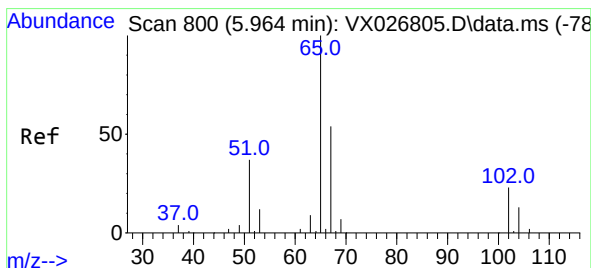
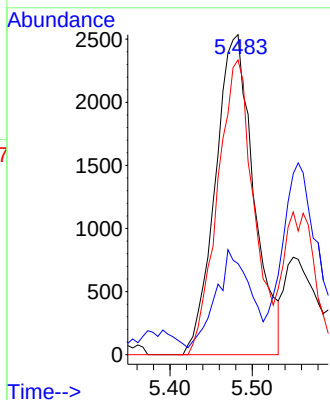
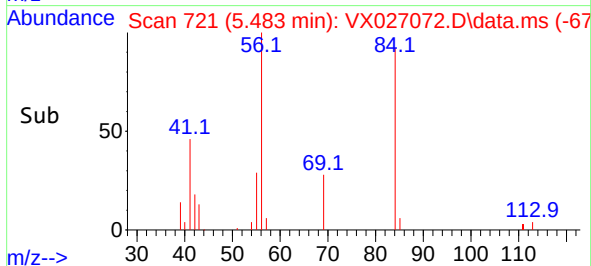
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



Tgt Ion: 56 Resp: 824
Ion Ratio Lower Upper
56 100
69 24.0 25.8 38.6
84 92.1 68.9 103.3

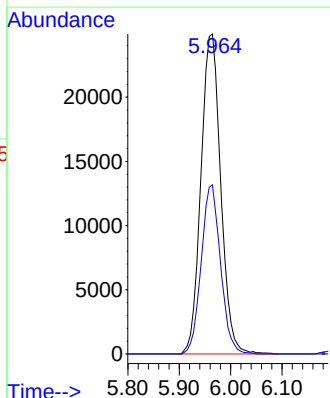
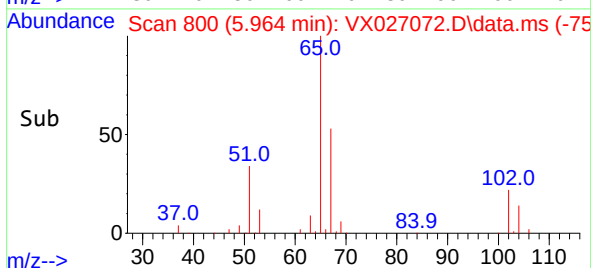
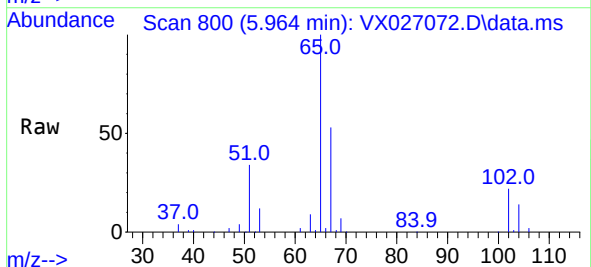
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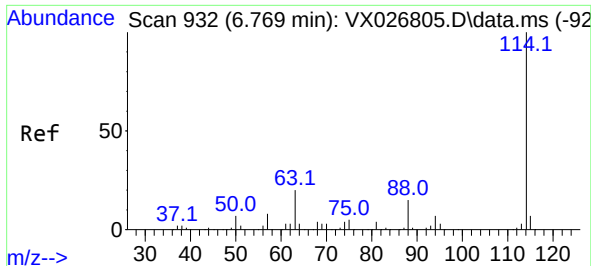
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#33
1,2-Dichloroethane-d4
Concen: 50.829 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

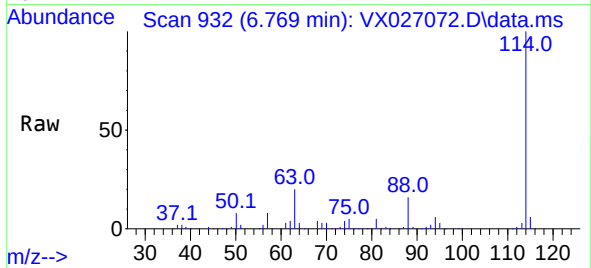
Tgt Ion: 65 Resp: 66718
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

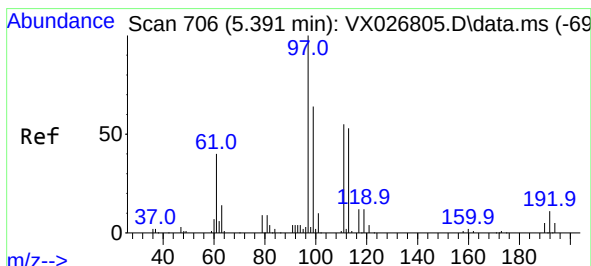
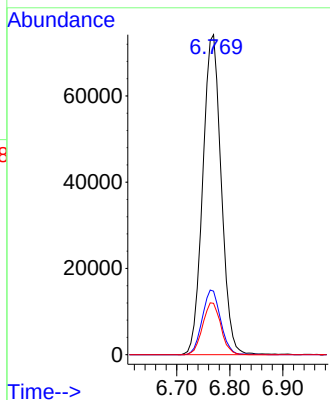
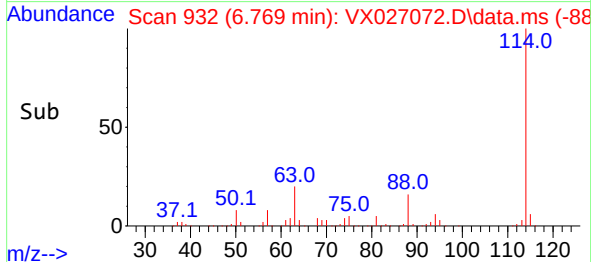
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



Tgt Ion:114 Resp: 179010
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 16.1 0.0 33.0

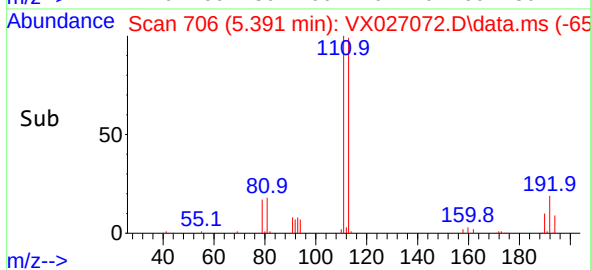
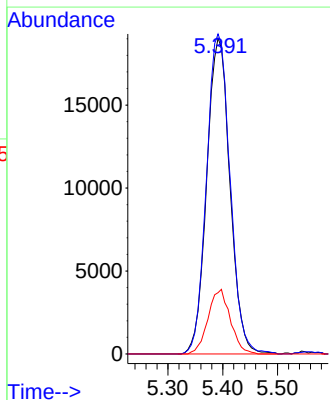
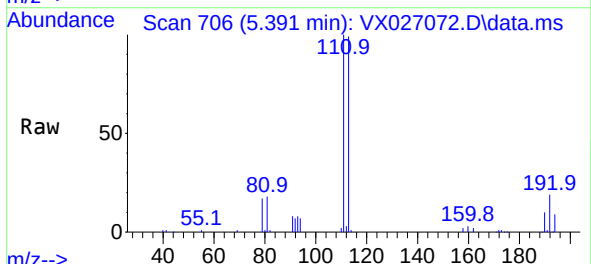
Manual Integrations
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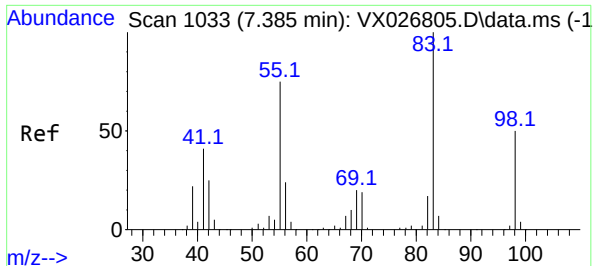
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#35
Dibromofluoromethane
Concen: 52.429 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Tgt Ion:113 Resp: 55918
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.6 15.0 22.4





#39

Methylcyclohexane

Concen: 2.278 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027072.D

Acq: 17 Feb 2022 13:03

Instrument :

MSVOA_X

ClientSampleId :

MW-9RDL

Tgt Ion: 83 Resp: 470

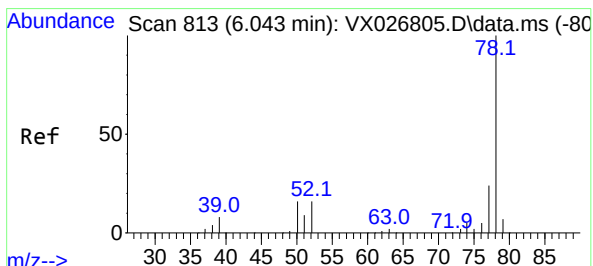
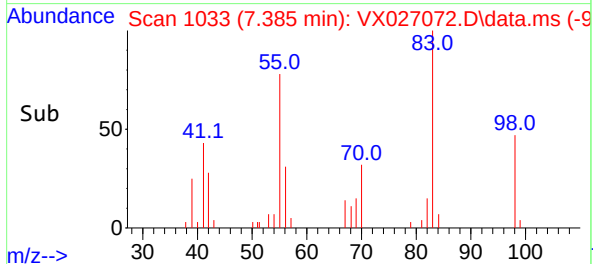
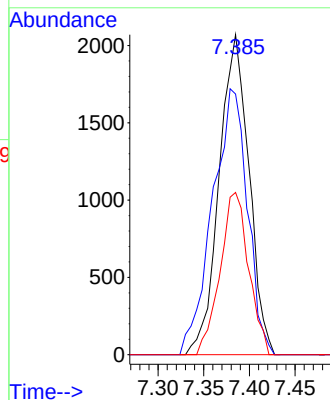
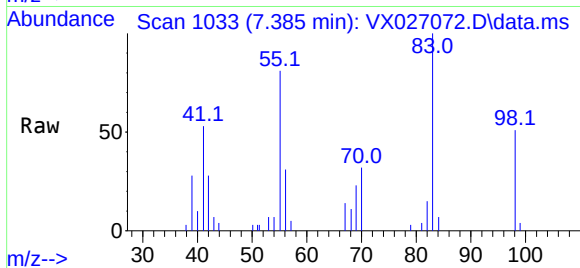
Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.6	95.4
98	50.7	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 0.787 ug/l

RT: 6.038 min Scan# 812

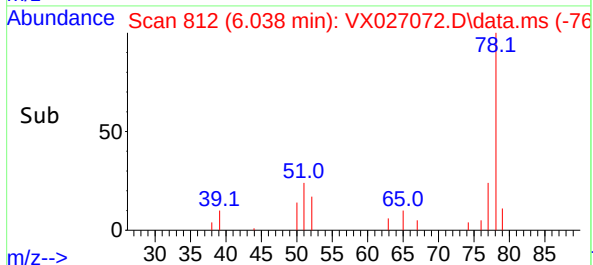
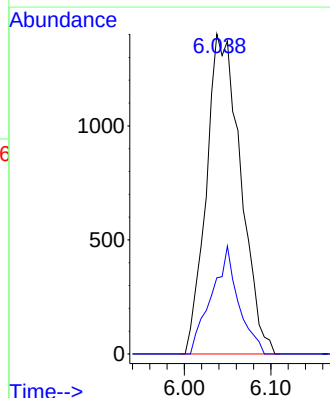
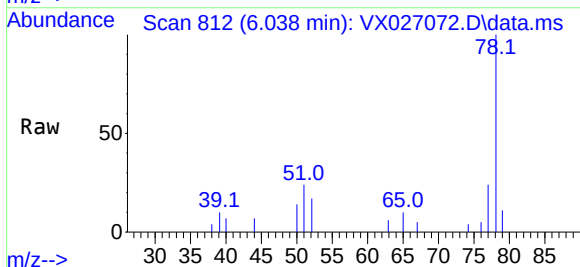
Delta R.T. -0.006 min

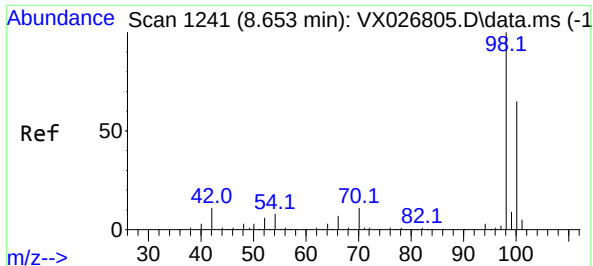
Lab File: VX027072.D

Acq: 17 Feb 2022 13:03

Tgt Ion: 78 Resp: 3858

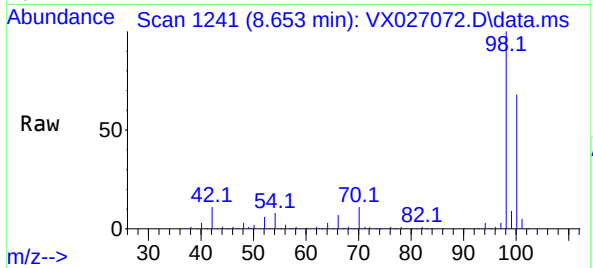
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#50
Toluene-d8
Concen: 53.297 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

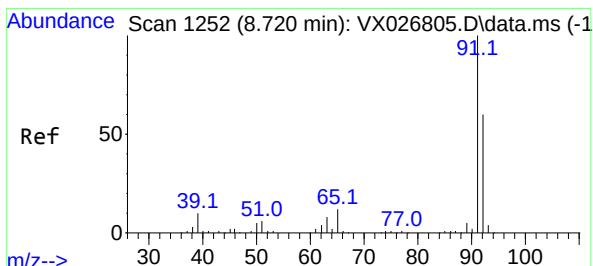
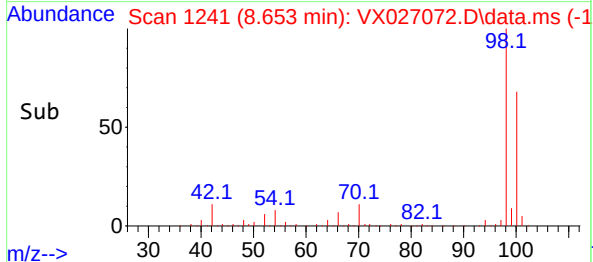
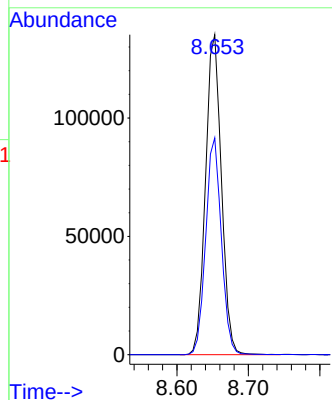
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



Tgt Ion: 98 Resp: 20865
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

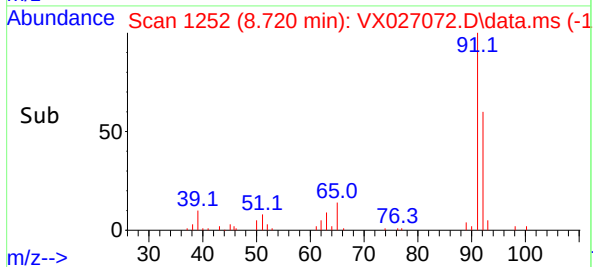
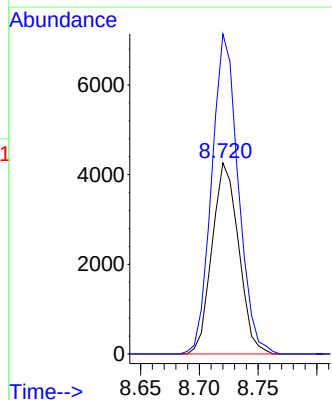
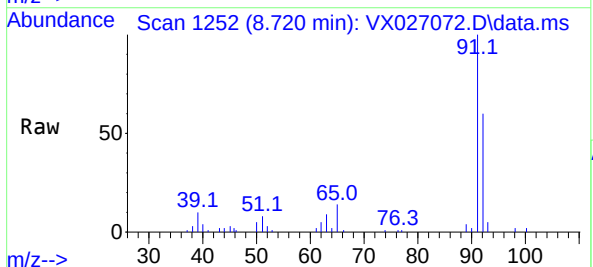
Manual Integrations
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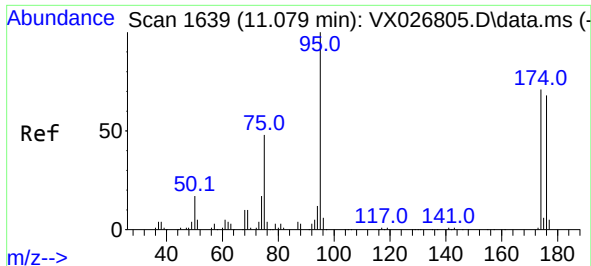
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 2.160 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

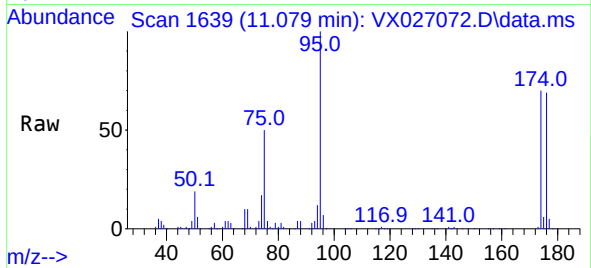
Tgt Ion: 92 Resp: 6707
Ion Ratio Lower Upper
92 100
91 167.6 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 57.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

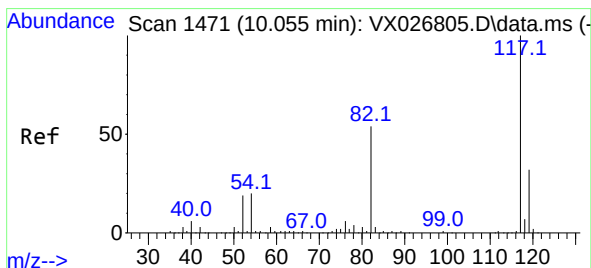
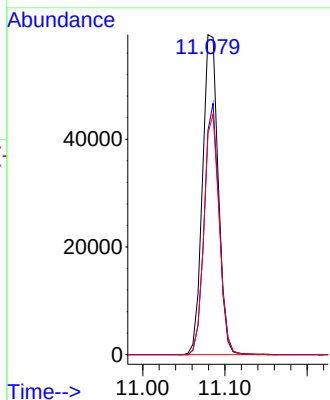
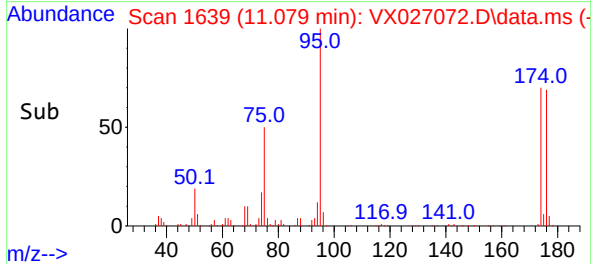
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ClientSampleId :
MW-9RDL



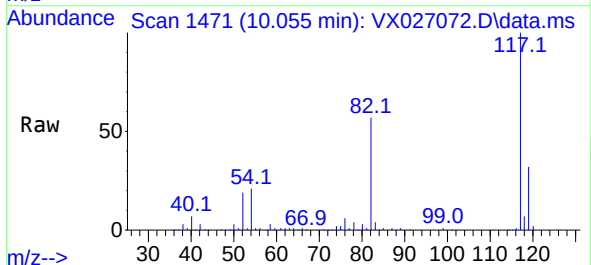
Tgt Ion: 95 Resp: 78725
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 73.0 0.0 141.4

Manual Integrations
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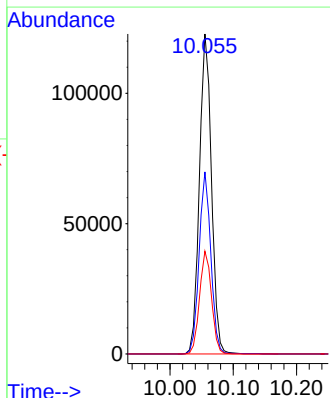
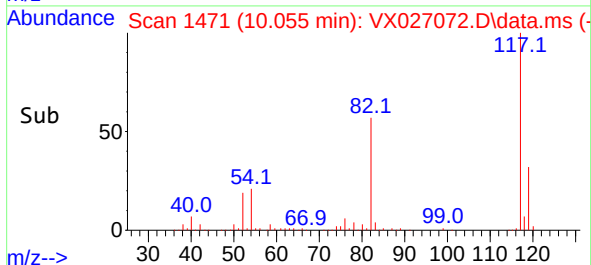
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

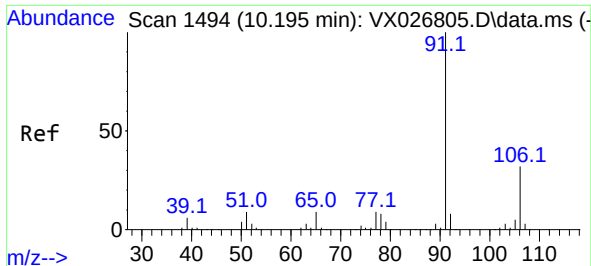


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03



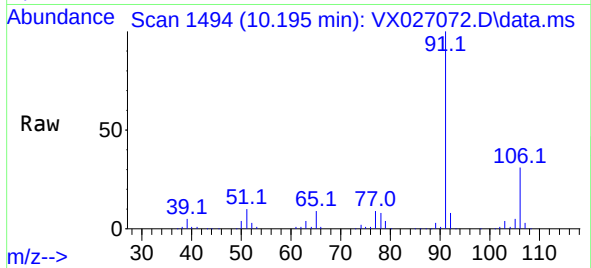
Tgt Ion:117 Resp: 163046
Ion Ratio Lower Upper
117 100
82 56.9 45.2 67.8
119 32.1 26.2 39.2





#67
Ethyl Benzene
Concen: 20.566 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

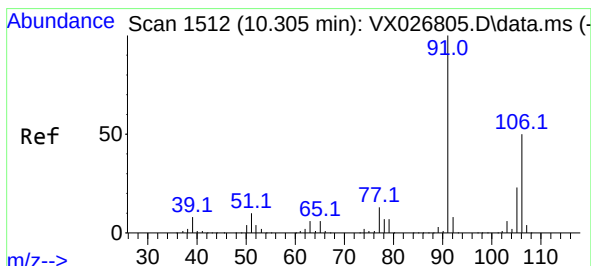
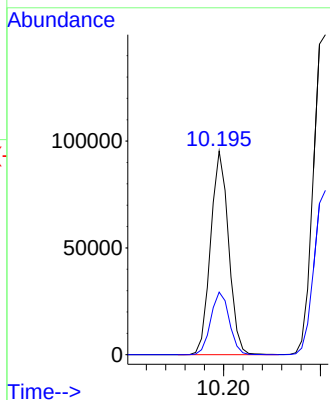
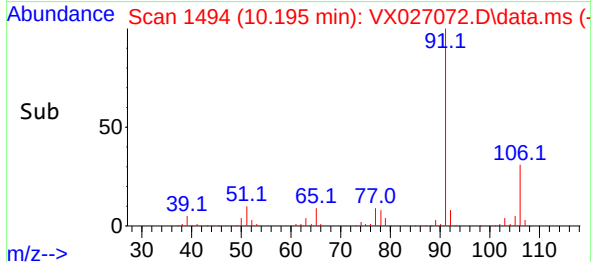
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



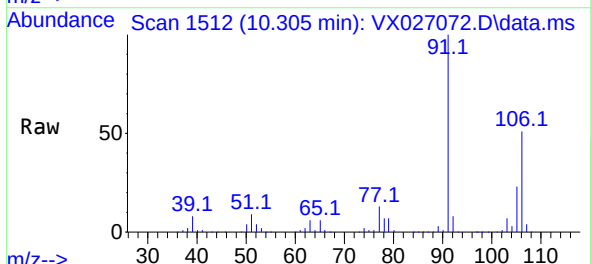
Tgt Ion: 91 Resp: 122730
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

Manual Integrations
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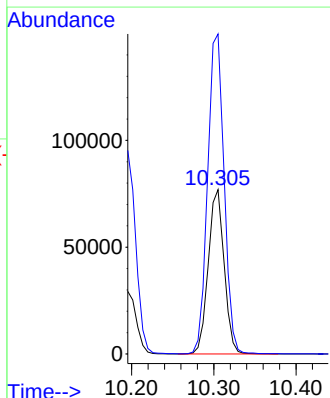
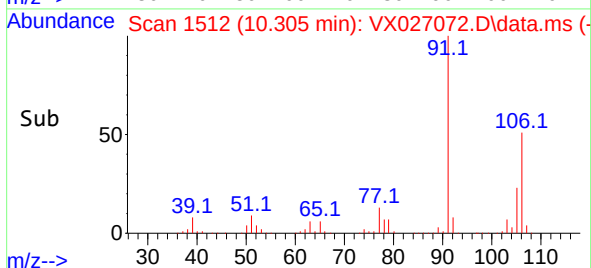
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

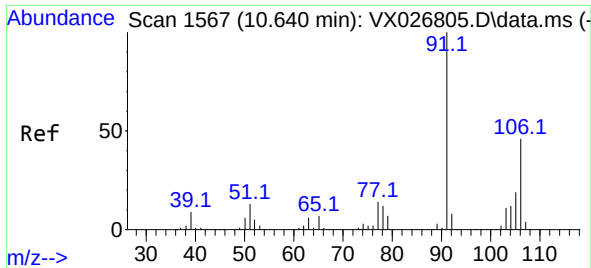


#68
m/p-Xylenes
Concen: 45.003 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03



Tgt Ion:106 Resp: 103334
Ion Ratio Lower Upper
106 100
91 202.1 165.3 247.9





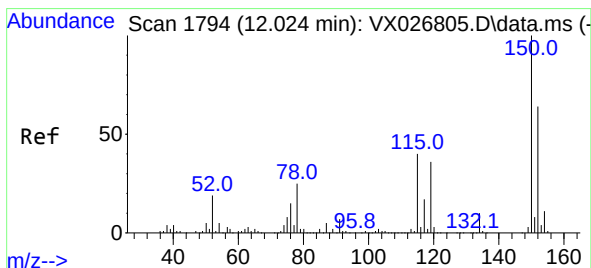
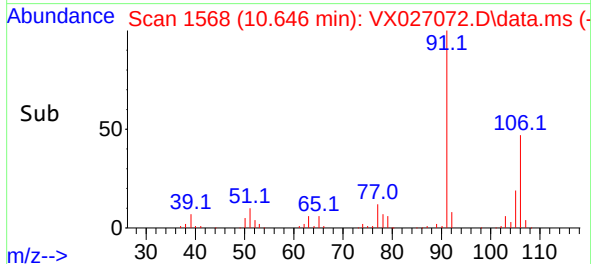
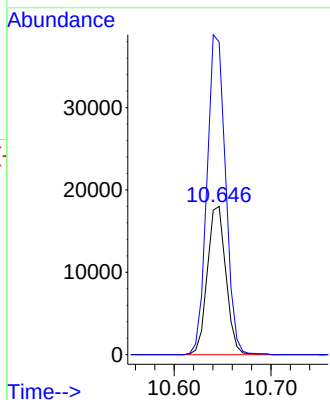
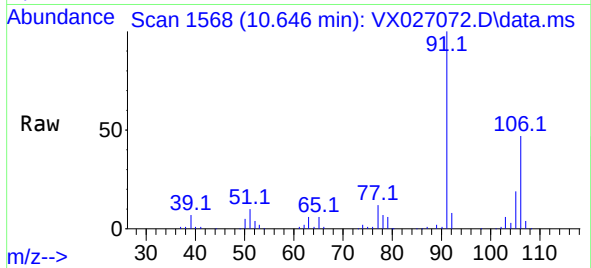
#69
o-Xylene
Concen: 10.697 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL

Tgt Ion:106 Resp: 2406
Ion Ratio Lower Upper
106 100
91 215.9 109.7 329.0

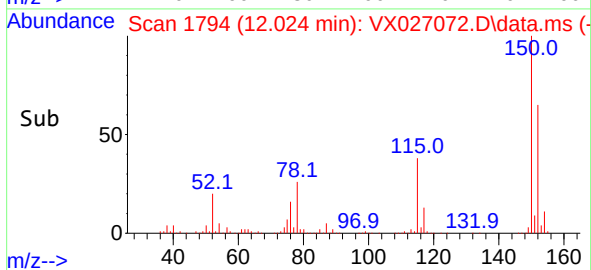
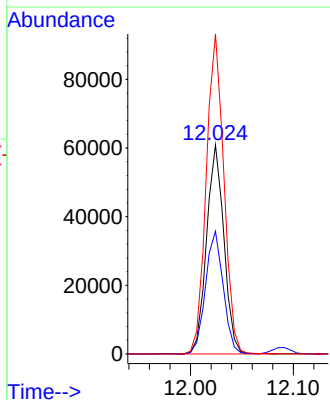
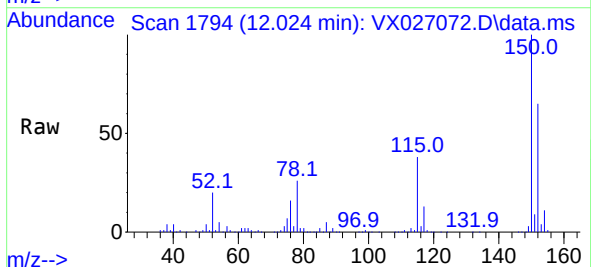
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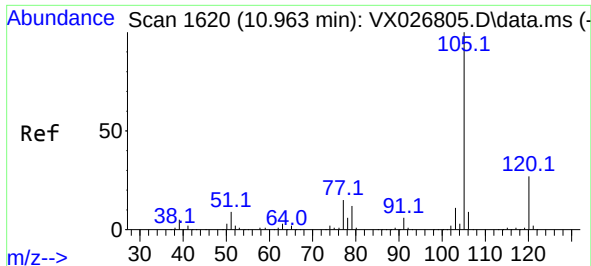
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Tgt Ion:152 Resp: 71537
Ion Ratio Lower Upper
152 100
115 60.0 44.2 132.6
150 155.4 0.0 348.2





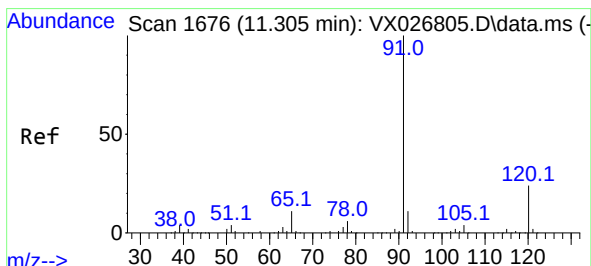
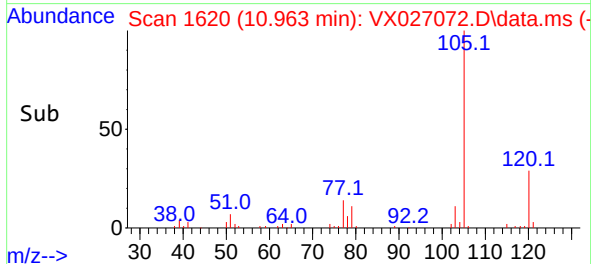
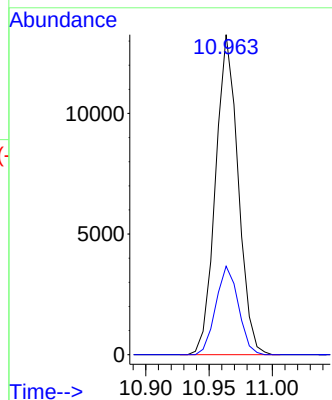
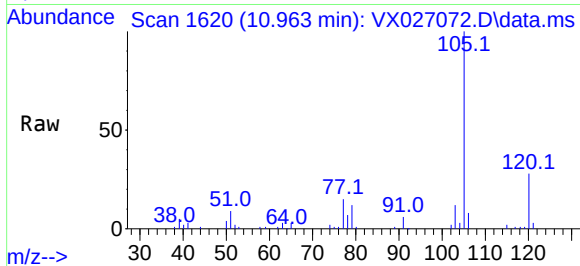
#73
Isopropylbenzene
Concen: 2.922 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL

Tgt Ion:105 Resp: 1646
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

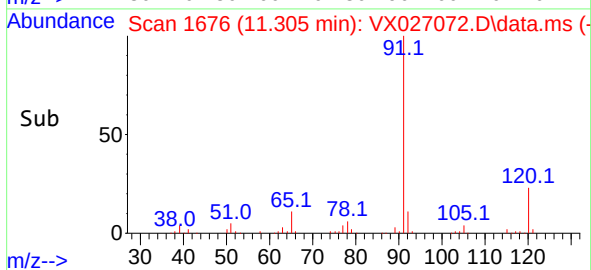
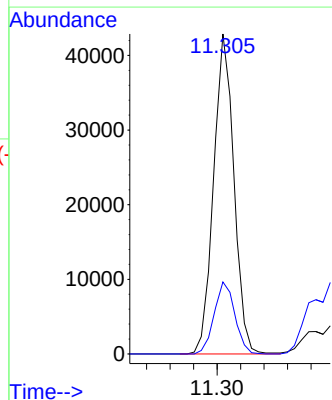
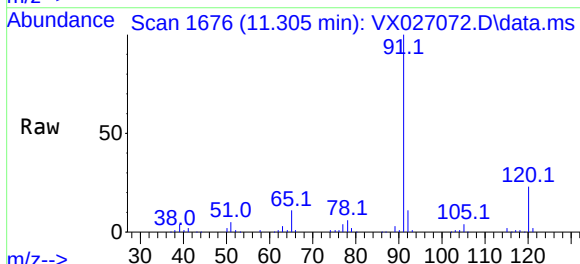
Manual Integrations
APPROVED

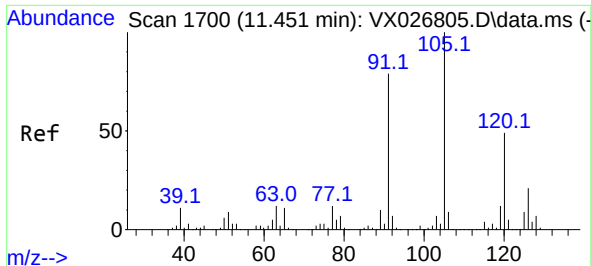
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 8.254 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

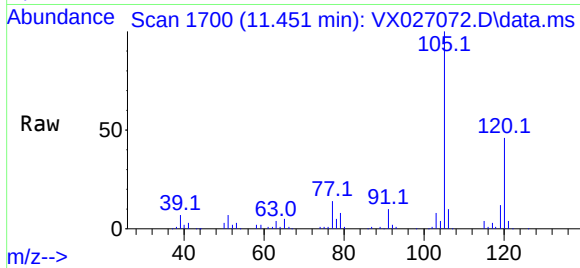
Tgt Ion: 91 Resp: 51563
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 8.882 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

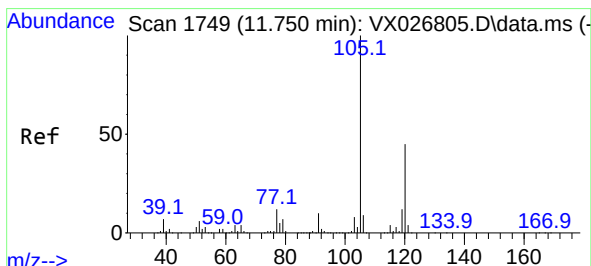
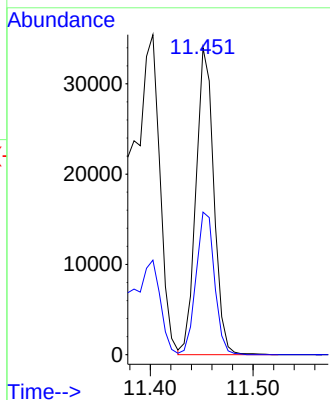
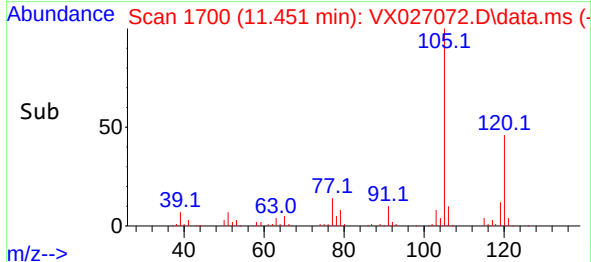
Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL



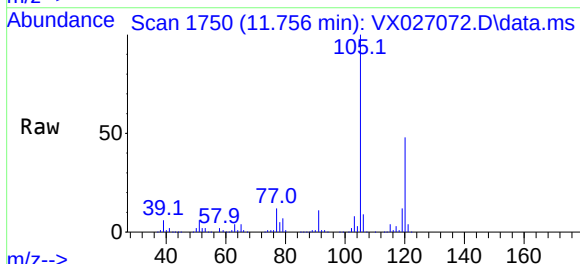
Tgt Ion:105 Resp: 41190
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

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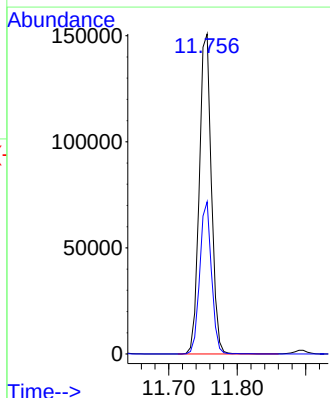
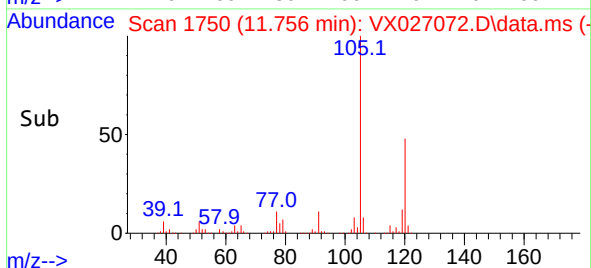
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

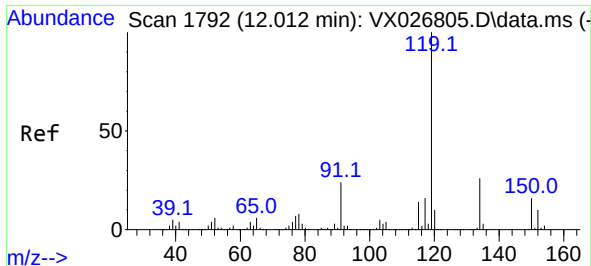


#84
1,2,4-Trimethylbenzene
Concen: 39.628 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03



Tgt Ion:105 Resp: 185370
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.5





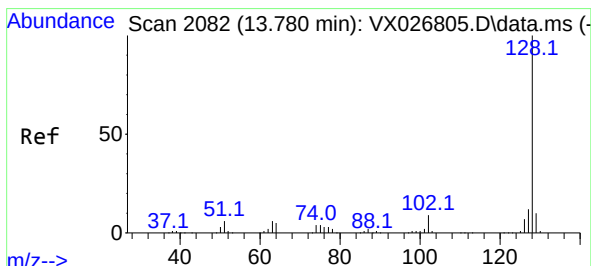
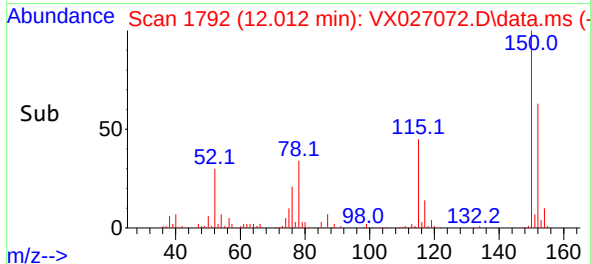
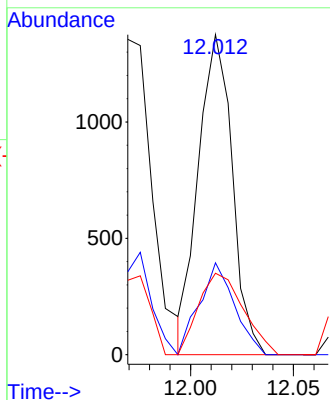
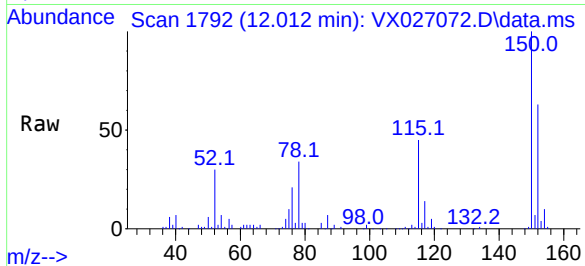
#86
p-Isopropyltoluene
Concen: 0.331 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Instrument :
MSVOA_X
ClientSampleId :
MW-9RDL

Tgt Ion:119 Resp: 1572
Ion Ratio Lower Upper
119 100
134 30.0 13.0 39.0
91 0.0 12.6 37.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#95
Naphthalene
Concen: 4.819 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027072.D
Acq: 17 Feb 2022 13:03

Tgt Ion:128 Resp: 25227
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.3 8.7 13.1

