

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027958.D
 Acq On : 04 Apr 2022 15:24
 Operator : JC/MD
 Sample : N2249-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 05:50:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	89681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64522	55.760	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.520%			
35) Dibromofluoromethane	5.385	113	47636	50.837	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.680%			
50) Toluene-d8	8.653	98	176441	53.517	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.040%			
62) 4-Bromofluorobenzene	11.079	95	75355	53.784	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.560%			
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	6842	5.349	ug/l #	71
39) Methylcyclohexane	7.385	83	4584	3.301	ug/l	93
52) Toluene	8.720	92	95702	42.481	ug/l	99
67) Ethyl Benzene	10.195	91	174120	37.706	ug/l	99
68) m/p-Xylenes	10.305	106	259779	152.955	ug/l	90
69) o-Xylene	10.640	106	87108	52.510	ug/l	88
73) Isopropylbenzene	10.964	105	11550	2.594	ug/l	95
78) n-propylbenzene	11.305	91	38877	7.308	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	65456	16.941	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	260907	67.723	ug/l	98
85) sec-Butylbenzene	11.890	105	1692m	0.367	ug/l	

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

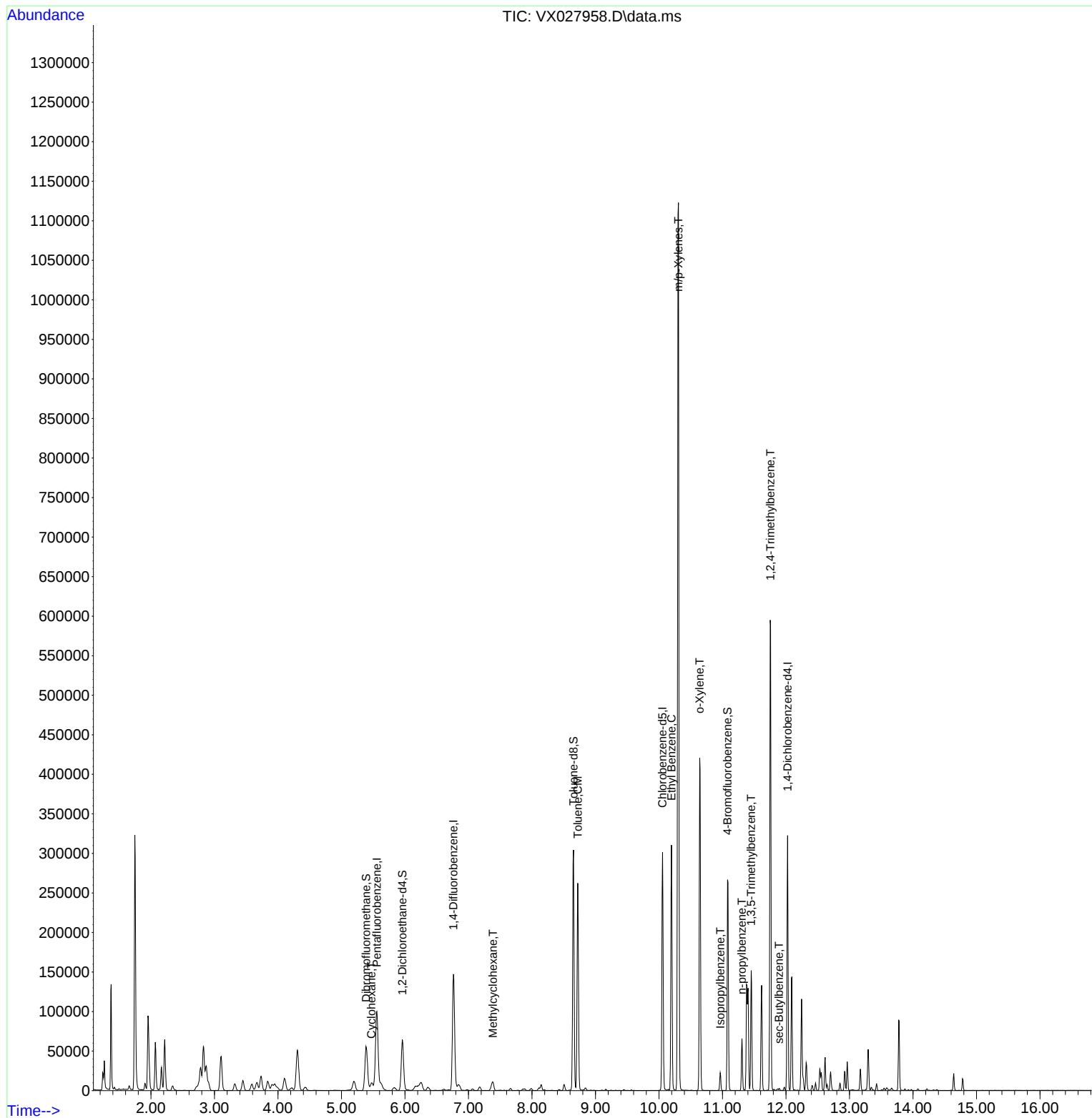
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
Data File : VX027958.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

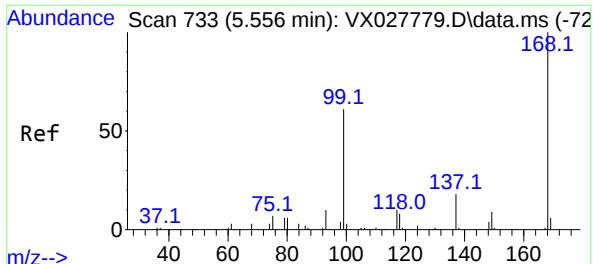
Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Quant Time: Apr 05 05:50:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

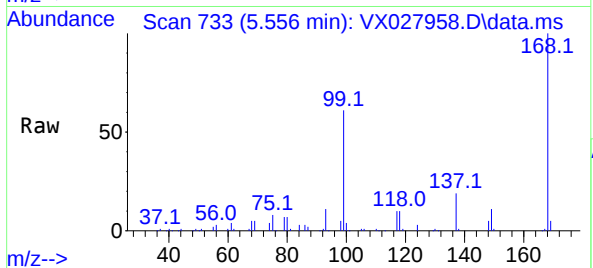
Reviewed By : John Carlone 04/05/2022
Supervised By : Mahesh Dadoda 04/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

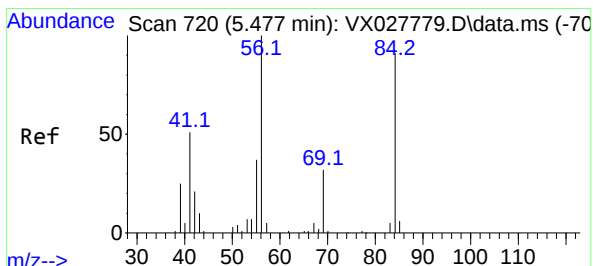
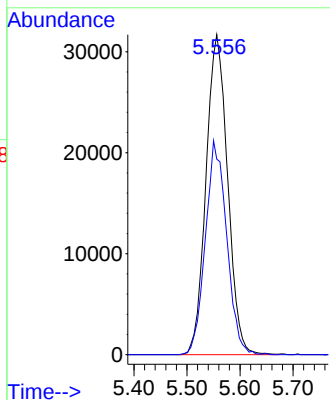
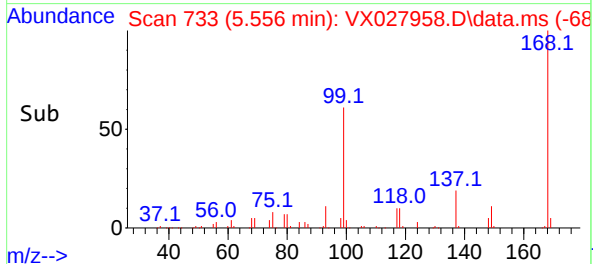
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



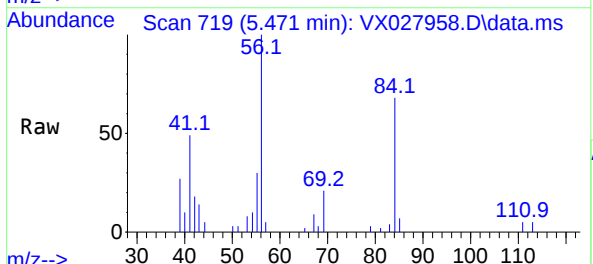
Tgt Ion:168 Resp: 8968
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5

Manual Integrations
APPROVED

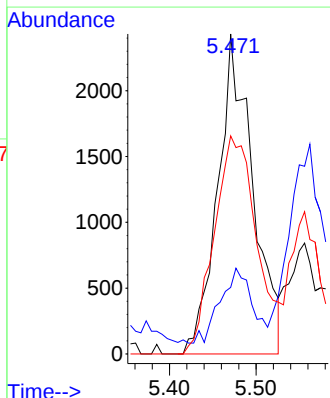
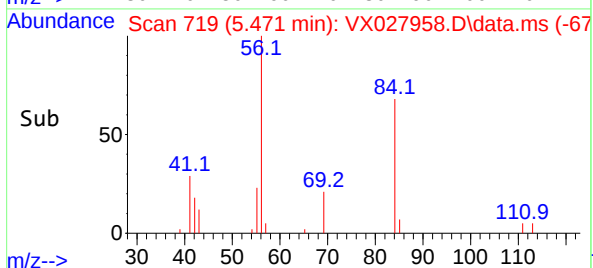
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

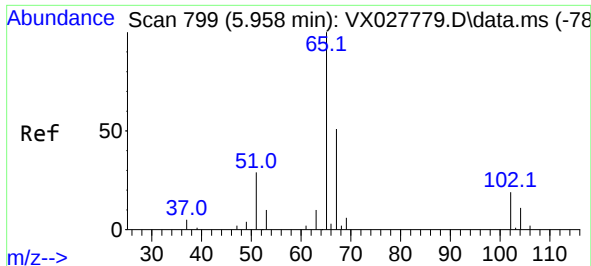


#31
Cyclohexane
Concen: 5.349 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24



Tgt Ion: 56 Resp: 6842
Ion Ratio Lower Upper
56 100
69 17.2 26.7 40.1#
84 68.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.760 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027958.D

Acq: 04 Apr 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 65 Resp: 6452

Ion Ratio Lower Upper

65 100

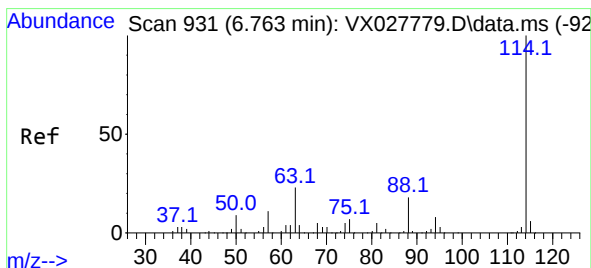
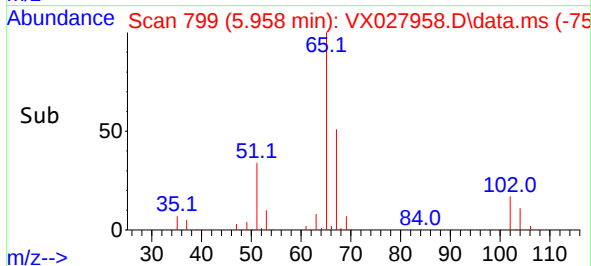
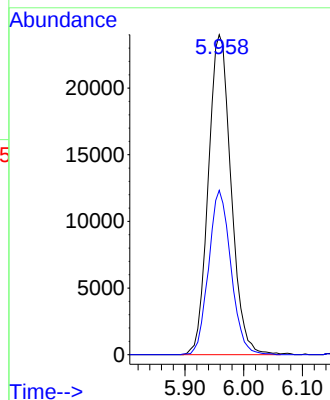
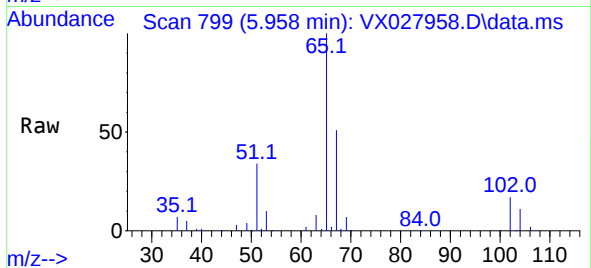
67 50.4 0.0 107.4

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: VX027958.D

Acq: 04 Apr 2022 15:24

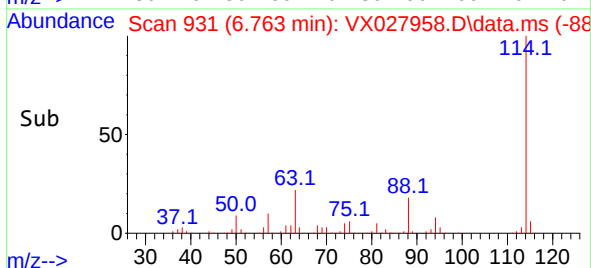
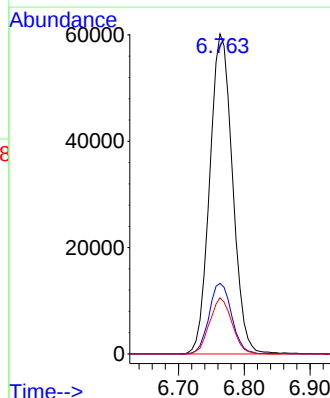
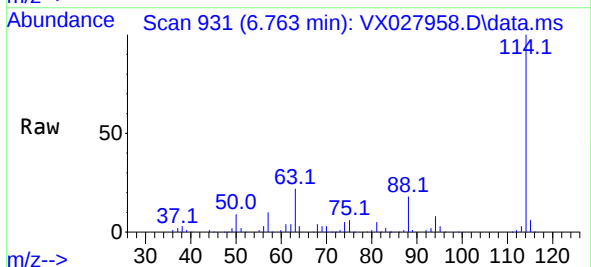
Tgt Ion:114 Resp: 145170

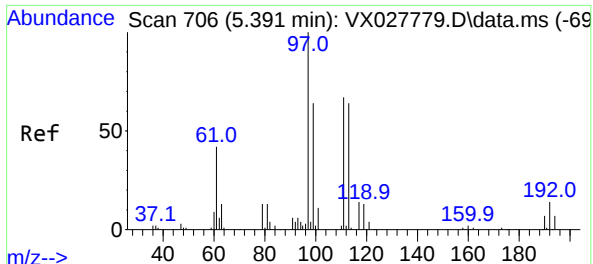
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.8

88 17.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.837 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027958.D

Acq: 04 Apr 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-2D

Tgt Ion: 113 Resp: 47630

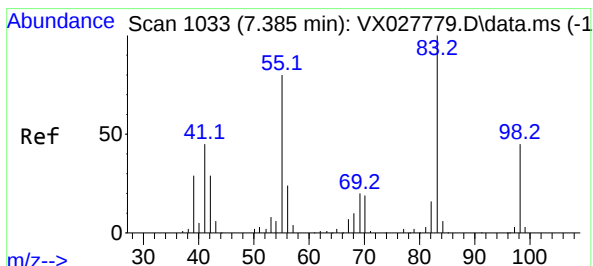
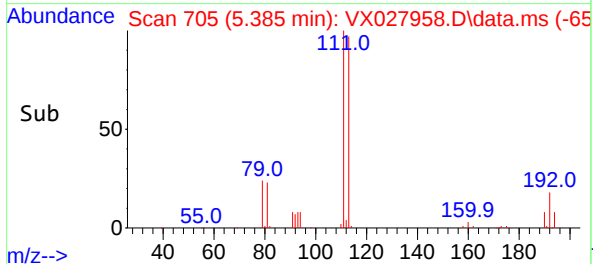
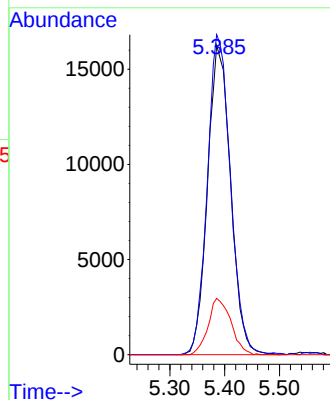
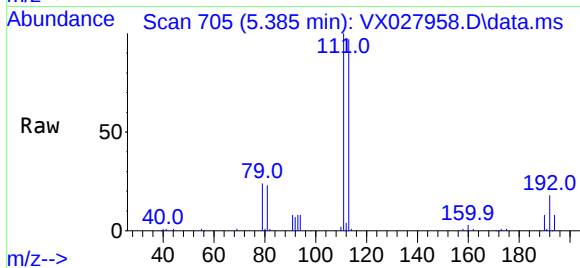
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	17.9	16.9	25.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/05/2022



#39

Methylcyclohexane

Concen: 3.301 ug/l

RT: 7.385 min Scan# 1033

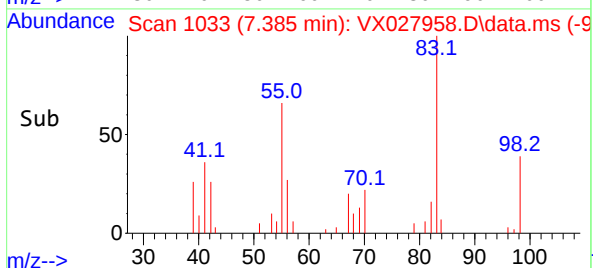
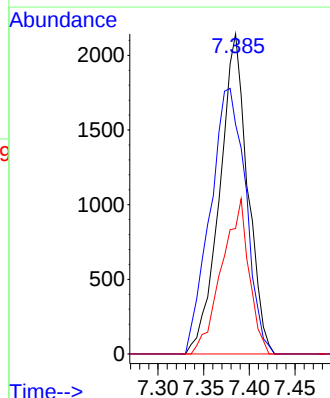
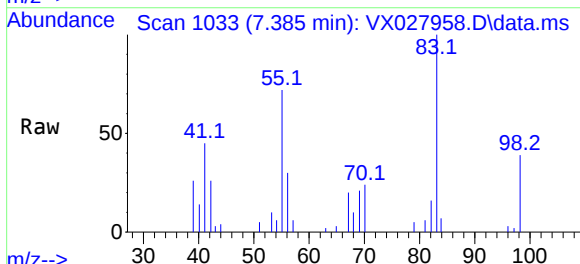
Delta R.T. -0.000 min

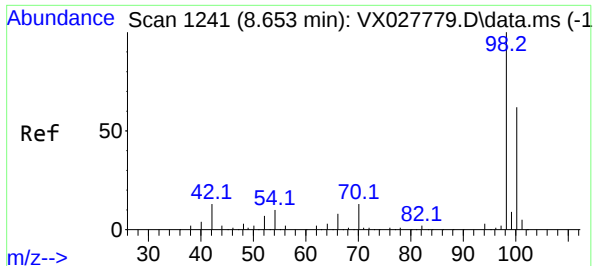
Lab File: VX027958.D

Acq: 04 Apr 2022 15:24

Tgt Ion: 83 Resp: 4584

Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.6	81.8
98	39.2	37.4	56.2





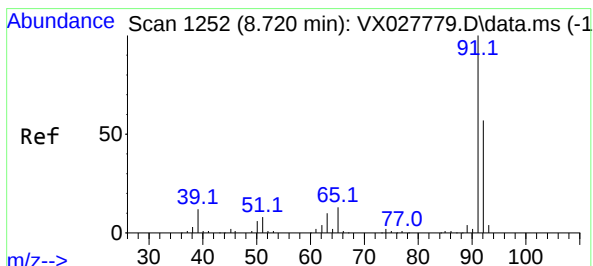
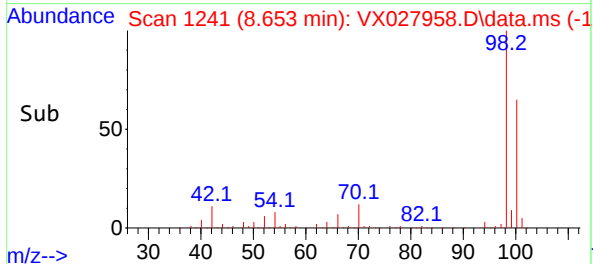
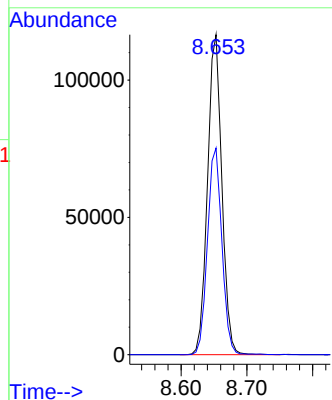
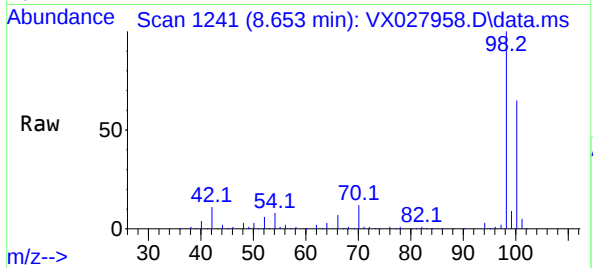
#50
Toluene-d8
Concen: 53.517 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion: 98 Resp: 17644
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

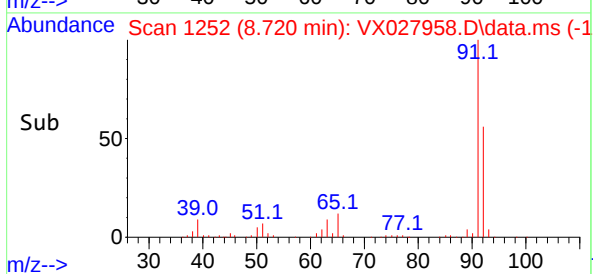
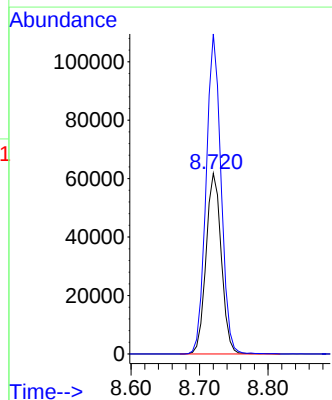
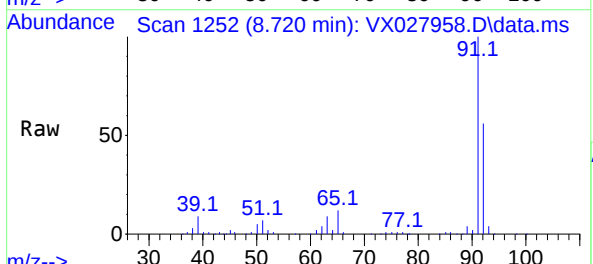
Manual Integrations
APPROVED

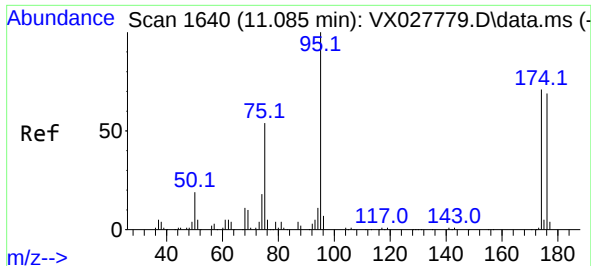
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 42.481 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

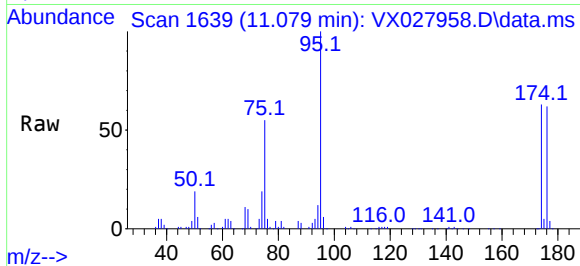
Tgt Ion: 92 Resp: 95702
Ion Ratio Lower Upper
92 100
91 173.3 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 53.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

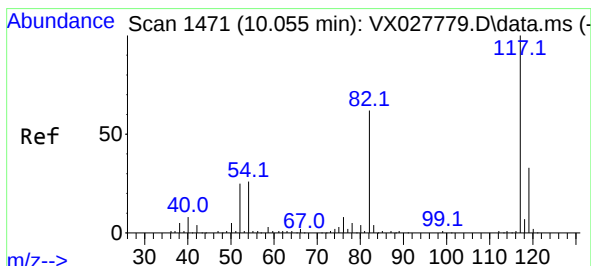
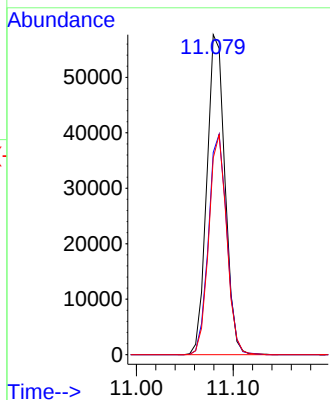
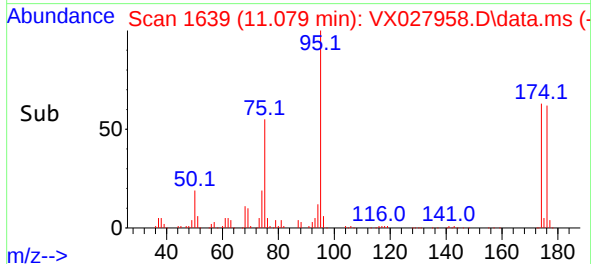
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



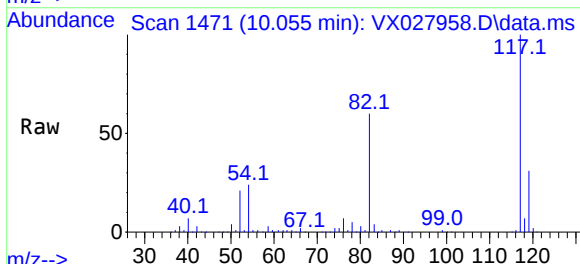
Tgt Ion: 95 Resp: 75358
Ion Ratio Lower Upper
95 100
174 69.3 0.0 163.0
176 67.5 0.0 155.0

Manual Integrations
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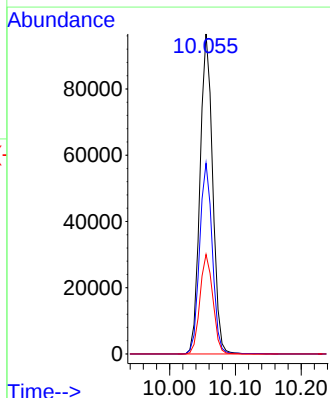
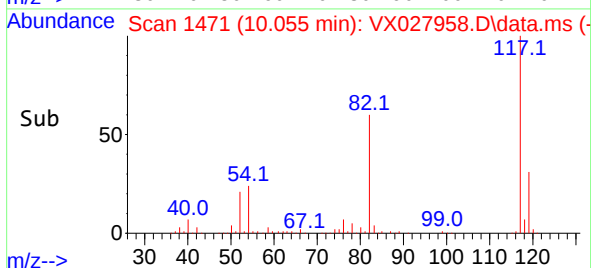
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

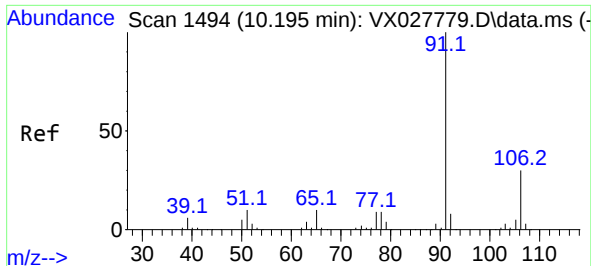


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24



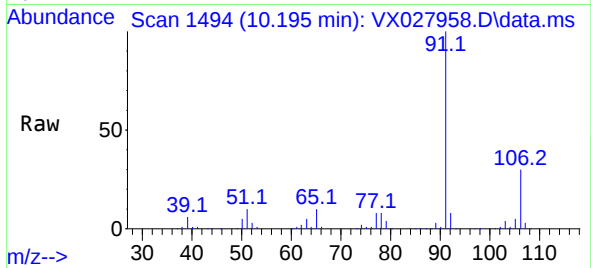
Tgt Ion:117 Resp: 129224
Ion Ratio Lower Upper
117 100
82 59.6 41.8 62.8
119 31.1 24.8 37.2





#67
Ethyl Benzene
Concen: 37.706 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

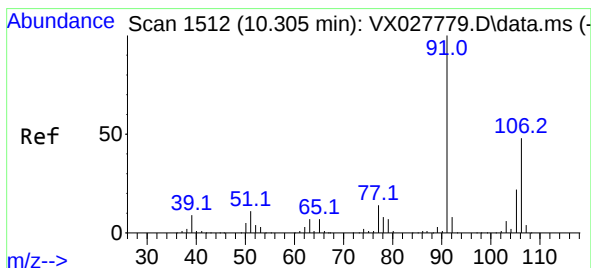
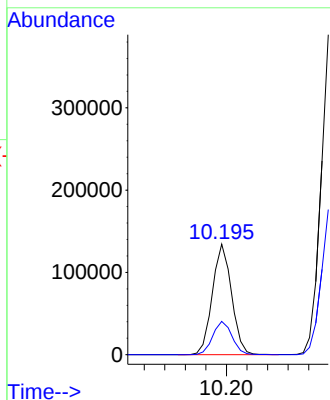
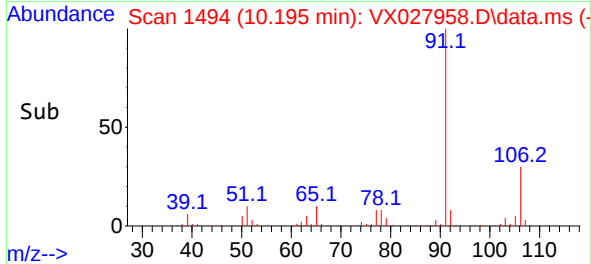
Instrument :
MSVOA_X
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MW-2D



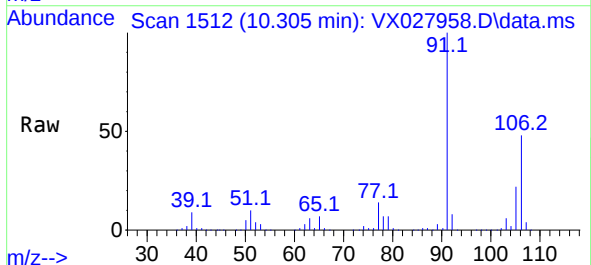
Tgt Ion: 91 Resp: 174120
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

Manual Integrations
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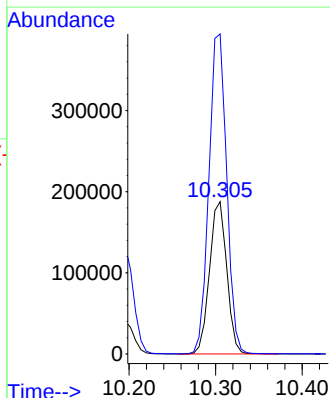
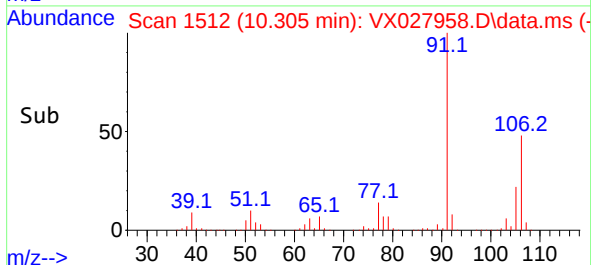
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

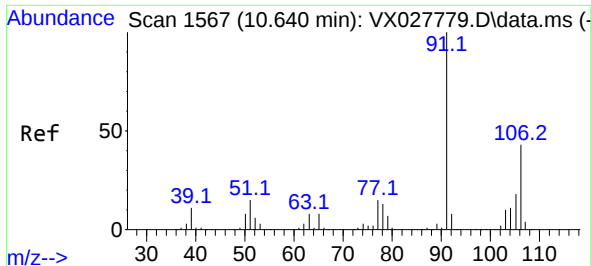


#68
m/p-Xylenes
Concen: 152.955 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24



Tgt Ion:106 Resp: 259779
Ion Ratio Lower Upper
106 100
91 216.2 160.4 240.6





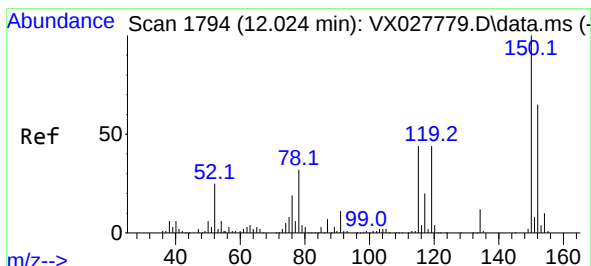
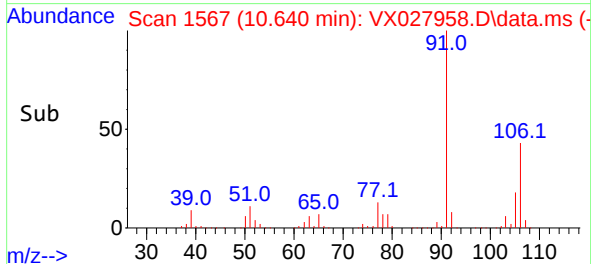
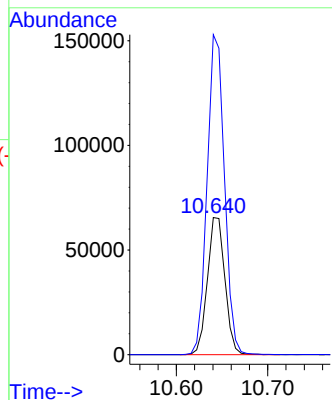
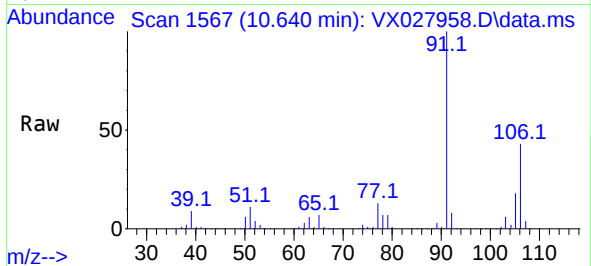
#69
o-Xylene
Concen: 52.510 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

Instrument :
MSVOA_X
ClientSampleId :
MW-2D

Tgt Ion:106 Resp: 87108
Ion Ratio Lower Upper
106 100
91 230.9 106.1 318.1

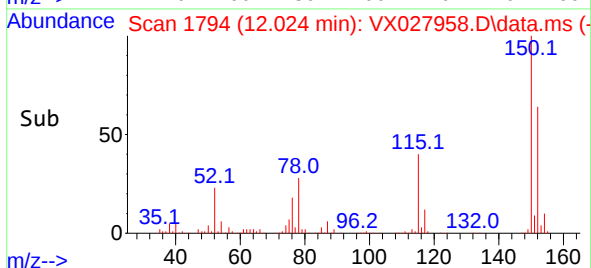
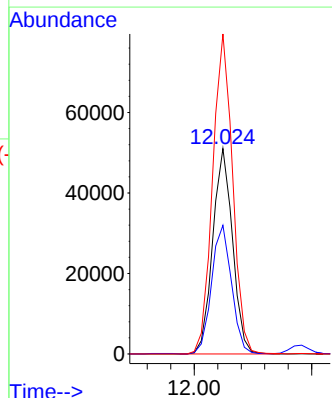
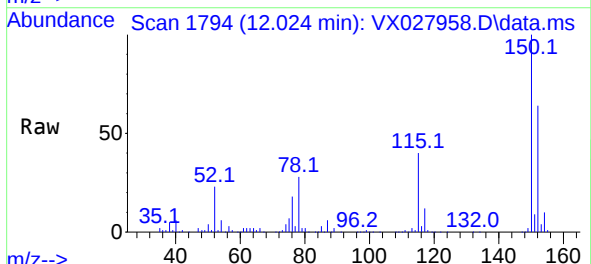
Manual Integrations
APPROVED

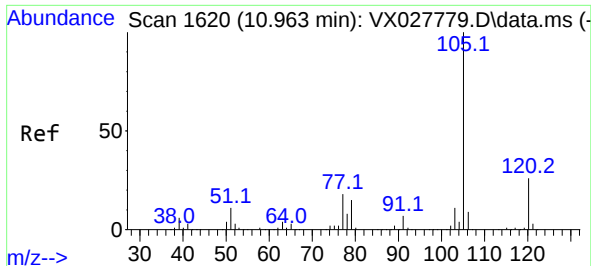
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

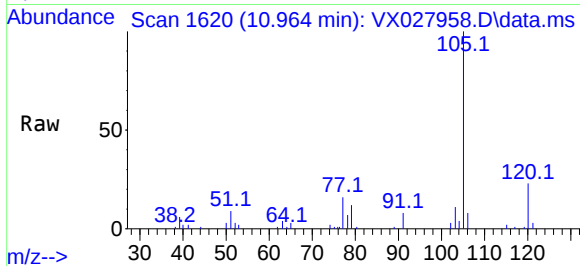
Tgt Ion:152 Resp: 59804
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 157.1 0.0 338.2





#73
Isopropylbenzene
Concen: 2.594 ug/l
RT: 10.964 min Scan# 11550
Delta R.T. 0.001 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

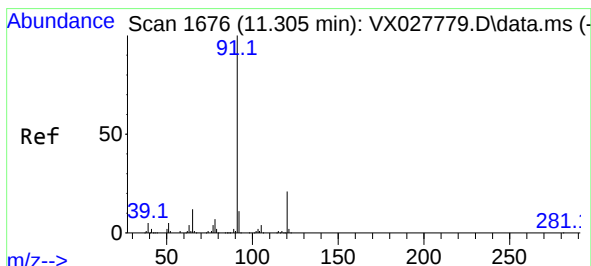
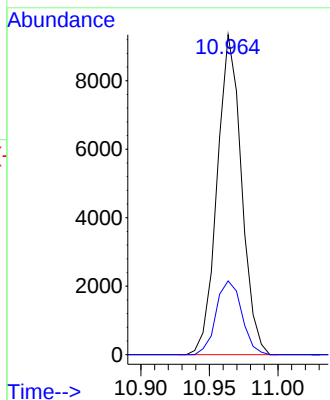
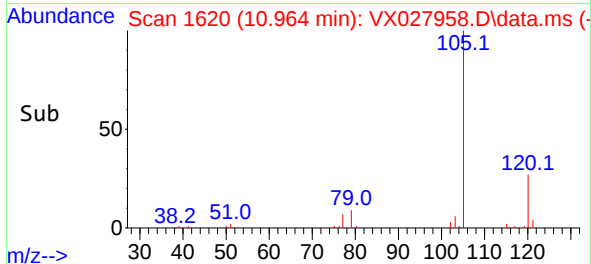
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



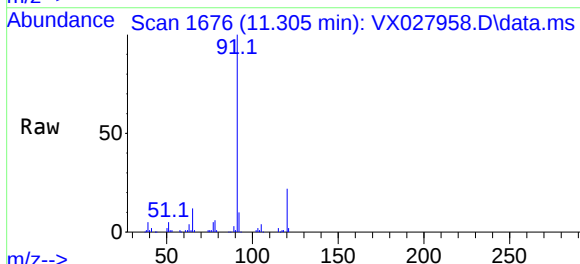
Tgt Ion:105 Resp: 11550
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.5

Manual Integrations
APPROVED

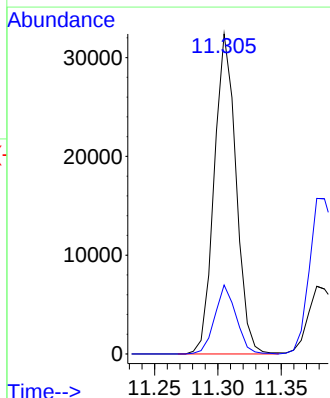
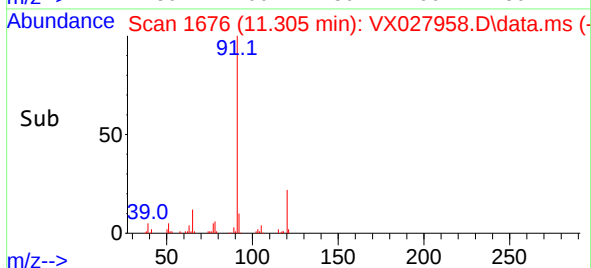
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

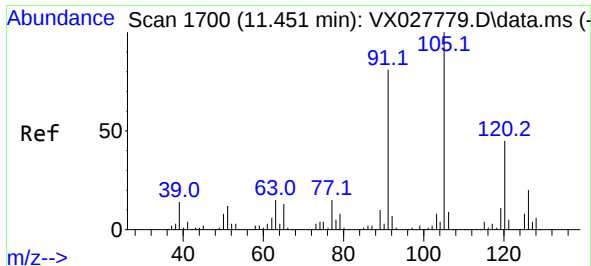


#78
n-propylbenzene
Concen: 7.308 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24



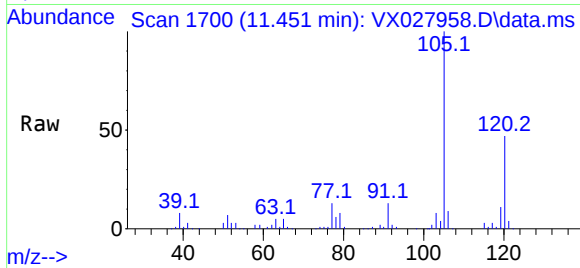
Tgt Ion: 91 Resp: 38877
Ion Ratio Lower Upper
91 100
120 21.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 16.941 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24

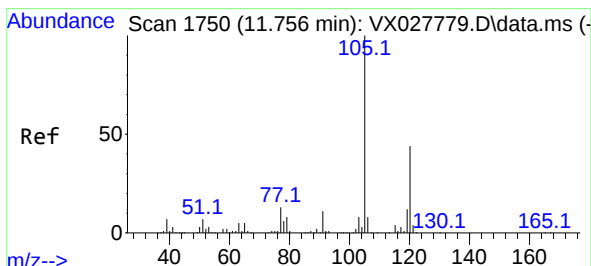
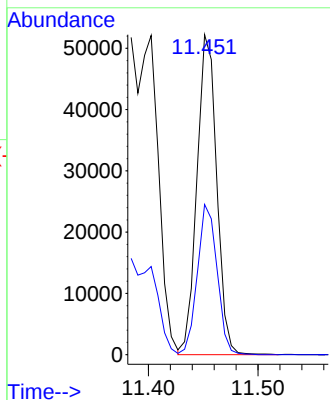
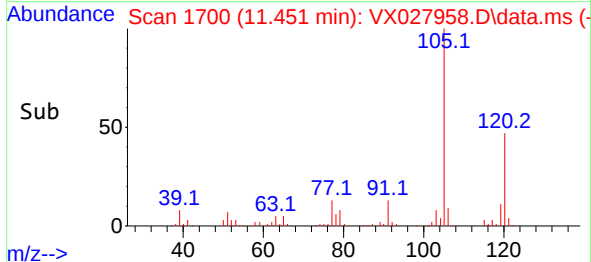
Instrument :
MSVOA_X
ClientSampleId :
MW-2D



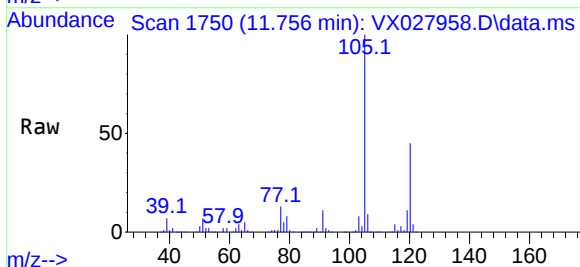
Tgt Ion:105 Resp: 65450
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9

Manual Integrations
APPROVED

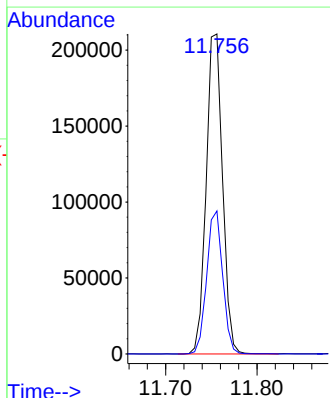
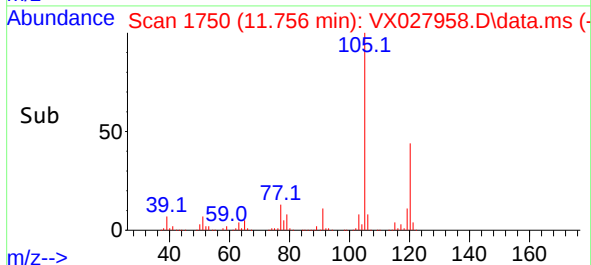
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

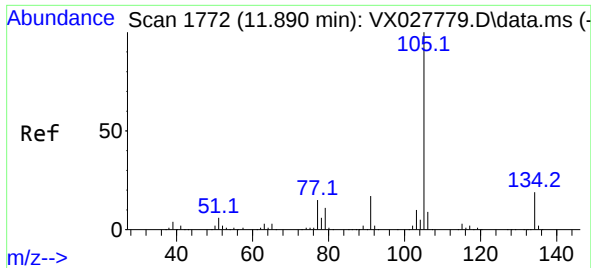


#84
1,2,4-Trimethylbenzene
Concen: 67.723 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027958.D
Acq: 04 Apr 2022 15:24



Tgt Ion:105 Resp: 260907
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.367 ug/l m
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027958.D
 Acq: 04 Apr 2022 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2D

Tgt Ion:105 Resp: 1692
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/05/2022
 Supervised By :Mahesh Dadoda 04/05/2022

