

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027707.D
 Acq On : 25 Mar 2022 19:16
 Operator : JC/MD
 Sample : N2085-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-23-2022

Quant Time: Mar 26 06:23:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	107383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94408	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44487	44.422	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.840%		
35) Dibromofluoromethane	5.391	113	34136	48.408	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.820%		
50) Toluene-d8	8.653	98	133546	48.990	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.085	95	51471	46.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.060%		
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	538	1.901	ug/l	85
10) Methyl Iodide	2.459	142	767	3.858	ug/l	92
16) Acetone	2.380	43	13987	33.024	ug/l	89
25) 2-Butanone	4.574	43	2045	3.007	ug/l	92
39) Methylcyclohexane	7.391	83	1874	1.463	ug/l	# 92
40) Benzene	6.050	78	1121	0.364	ug/l	# 75
44) Trichloroethene	7.129	130	237	0.298	ug/l	82
52) Toluene	8.720	92	3185	1.656	ug/l	100
67) Ethyl Benzene	10.195	91	7440	2.008	ug/l	96
68) m/p-Xylenes	10.305	106	9036	6.729	ug/l	88
69) o-Xylene	10.646	106	4662	3.455	ug/l	88
73) Isopropylbenzene	10.963	105	2221	0.701	ug/l	97
78) n-propylbenzene	11.305	91	2912	0.775	ug/l	89
80) 1,3,5-Trimethylbenzene	11.457	105	4119	1.512	ug/l	95
83) tert-Butylbenzene	11.719	119	607m	0.243	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	11829	4.279	ug/l	96
85) sec-Butylbenzene	11.896	105	1701	0.519	ug/l	85
86) p-Isopropyltoluene	12.012	119	4954m	1.921	ug/l	
89) n-Butylbenzene	12.335	91	2899	1.187	ug/l	# 50

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

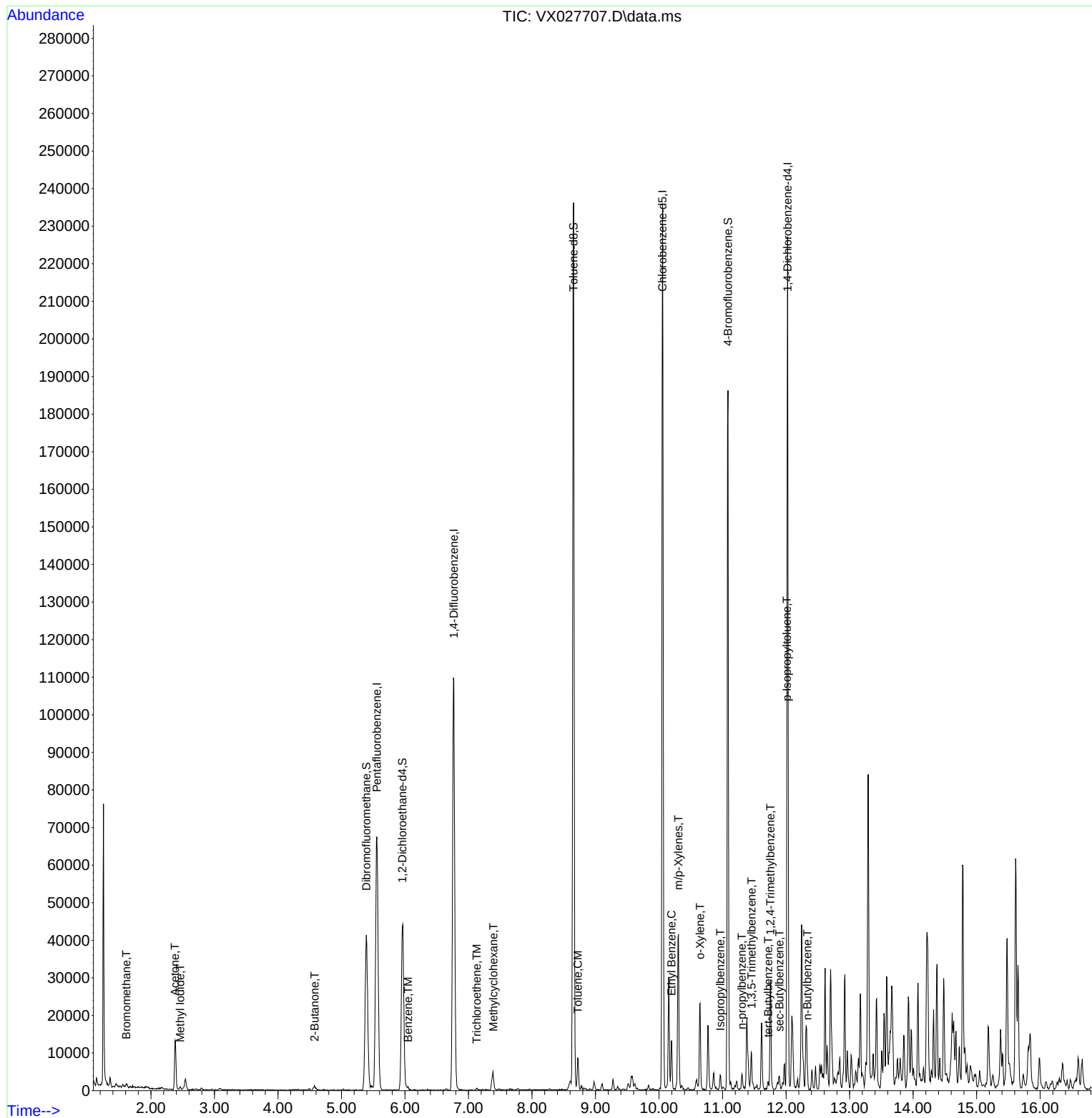
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
Data File : VX027707.D
Acq On : 25 Mar 2022 19:16
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ALS Vial : 15 Sample Multiplier: 1

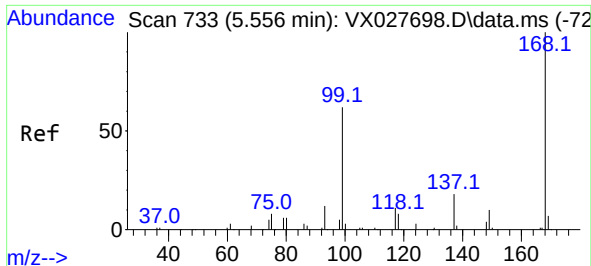
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022

Quant Time: Mar 26 06:23:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

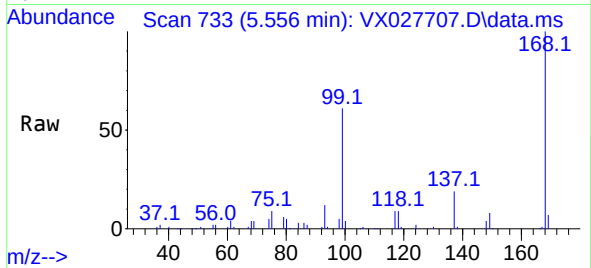
Reviewed By : John Carlone 03/26/2022
Supervised By : Mahesh Dadoda 03/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

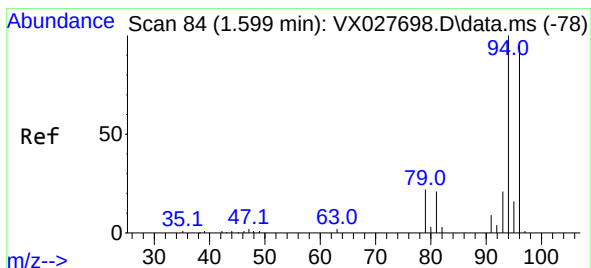
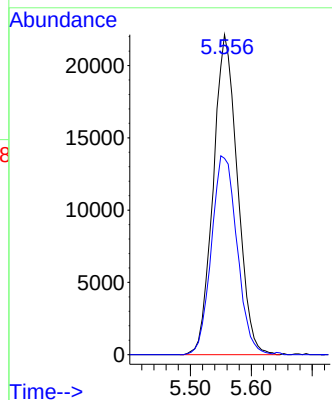
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



Tgt Ion:168 Resp: 61059
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5

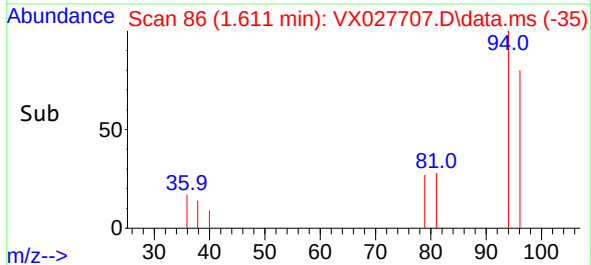
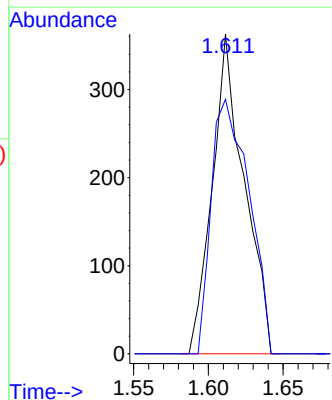
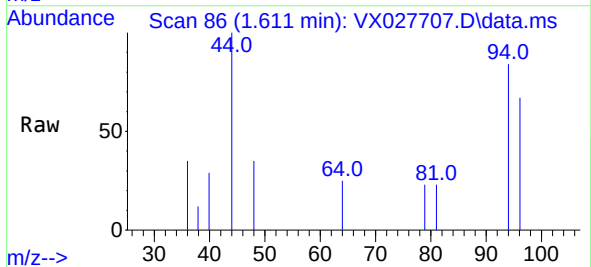
Manual Integrations
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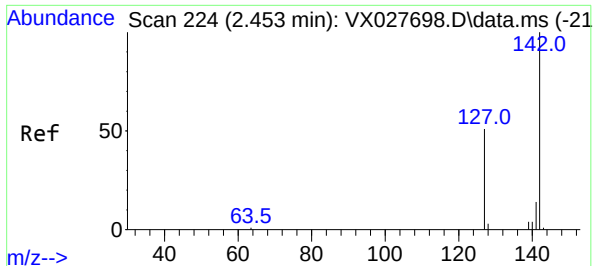
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#5
Bromomethane
Concen: 1.901 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

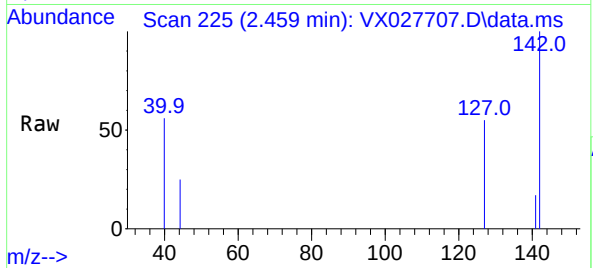
Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 79.6 75.3 112.9





#10
Methyl Iodide
Concen: 3.858 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

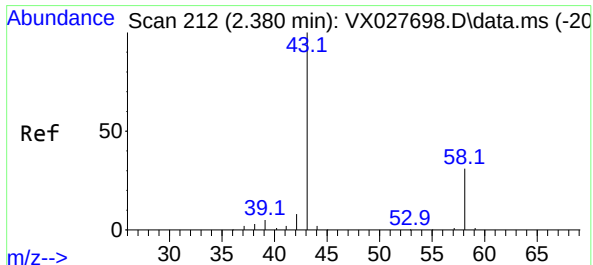
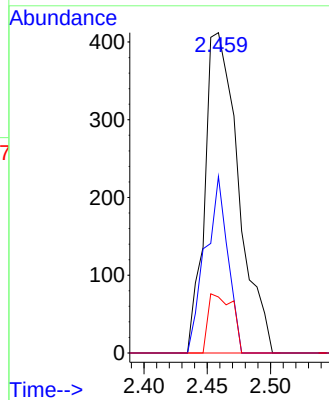
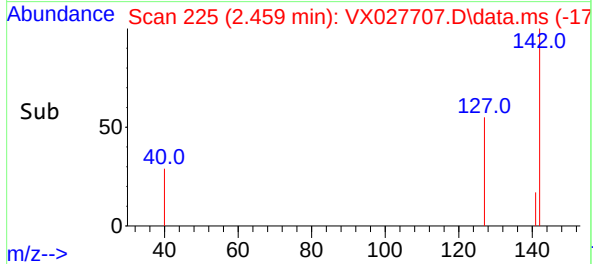
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



Tgt Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
127 36.5 33.9 50.9
141 13.2 11.4 17.2

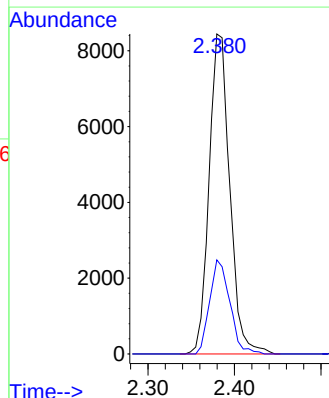
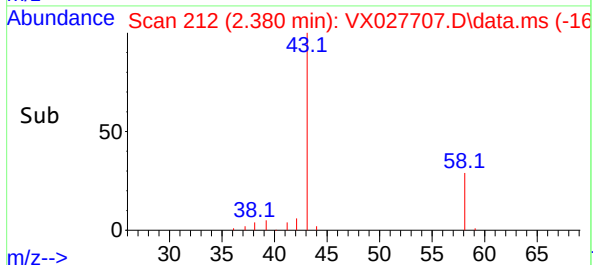
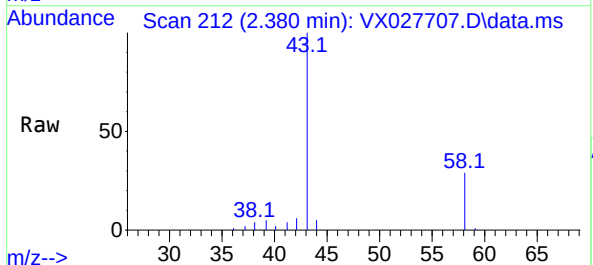
Manual Integrations
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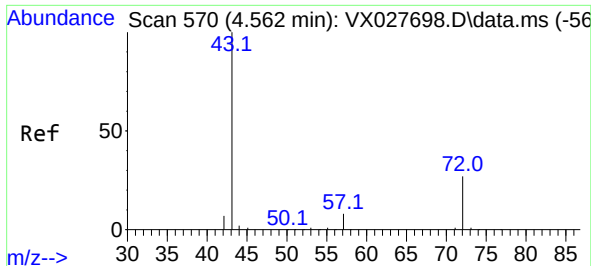
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 33.024 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

Tgt Ion: 43 Resp: 13987
Ion Ratio Lower Upper
43 100
58 29.4 28.8 43.2





#25

2-Butanone

Concen: 3.007 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027707.D

Acq: 25 Mar 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

GW-3-23-2022

Tgt Ion: 43 Resp: 2049

Ion Ratio Lower Upper

43 100

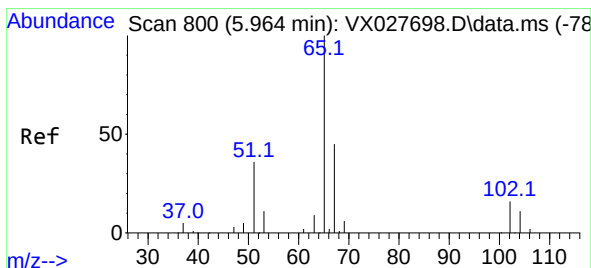
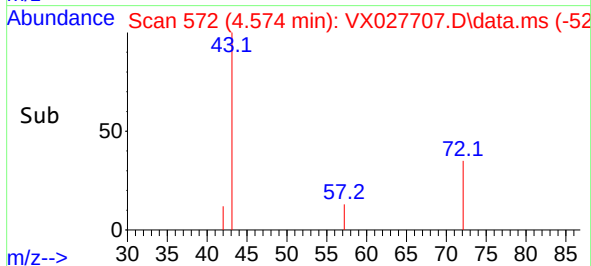
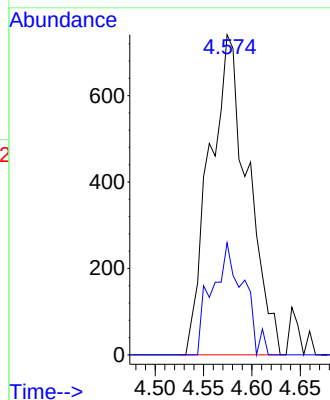
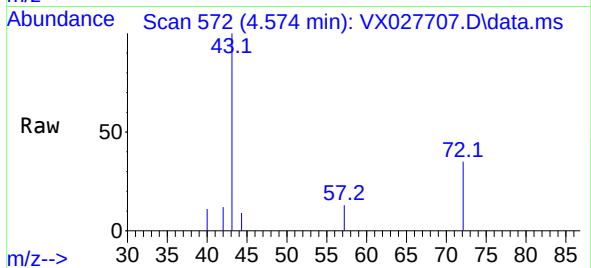
72 35.0 24.4 36.6

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#33

1,2-Dichloroethane-d4

Concen: 44.422 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027707.D

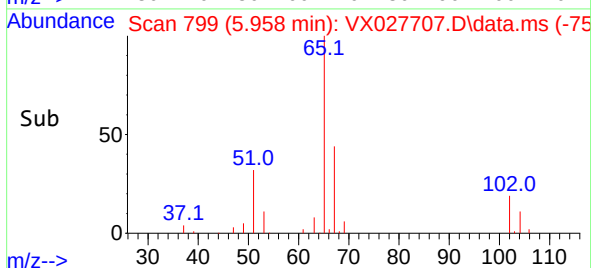
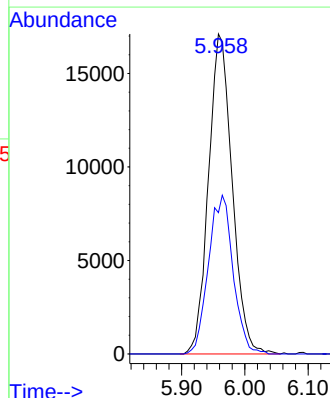
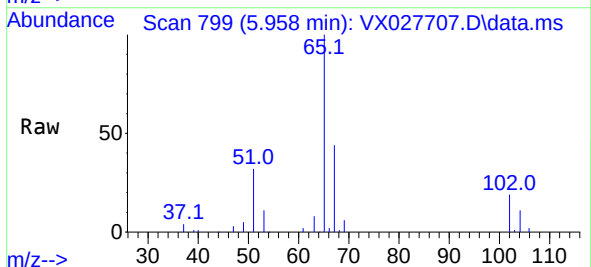
Acq: 25 Mar 2022 19:16

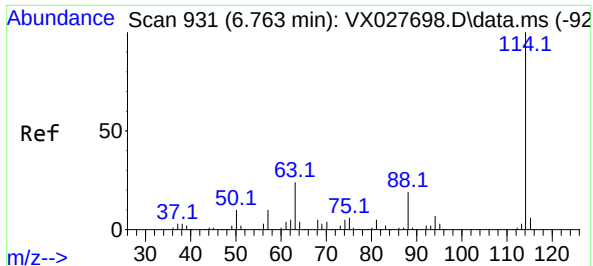
Tgt Ion: 65 Resp: 44487

Ion Ratio Lower Upper

65 100

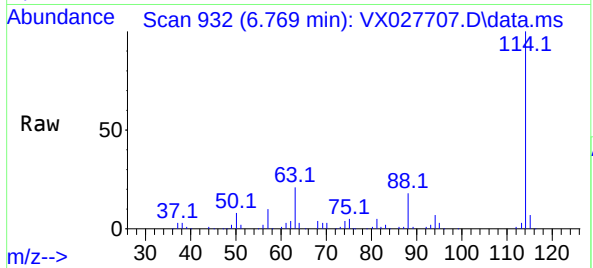
67 51.5 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

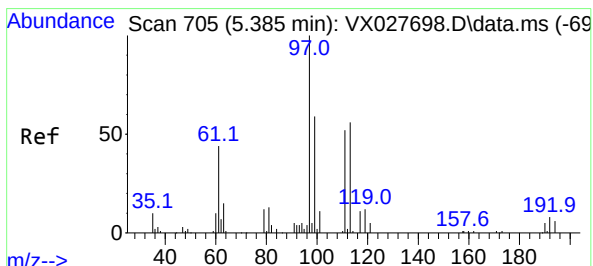
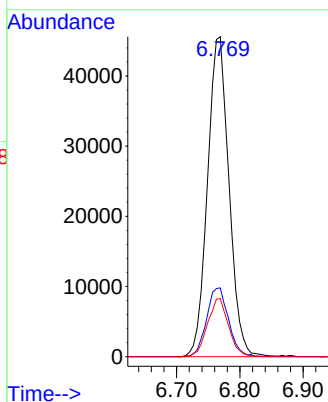
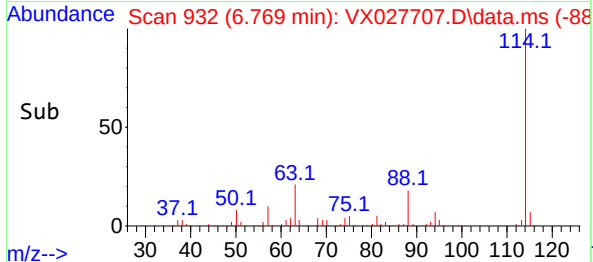
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



Tgt Ion:114 Resp: 10738
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.8
88 18.1 0.0 32.4

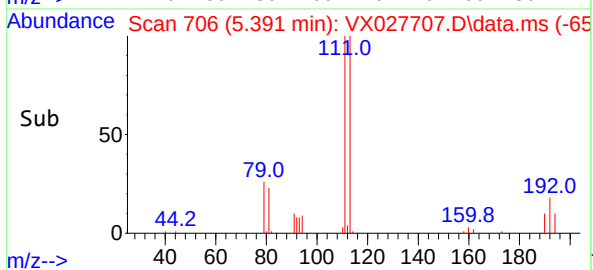
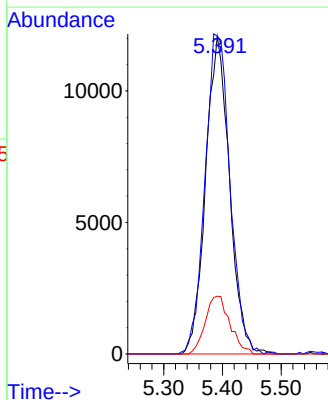
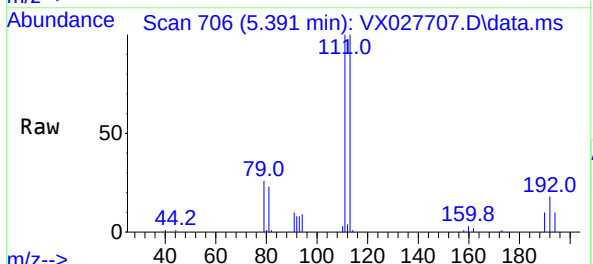
Manual Integrations
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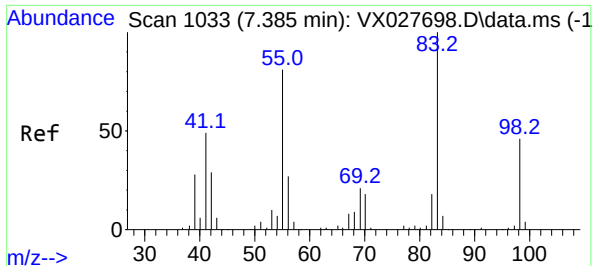
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#35
Dibromofluoromethane
Concen: 48.408 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

Tgt Ion:113 Resp: 34136
Ion Ratio Lower Upper
113 100
111 105.6 82.8 124.2
192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 1.463 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX027707.D

Acq: 25 Mar 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

GW-3-23-2022

Tgt Ion: 83 Resp: 1874

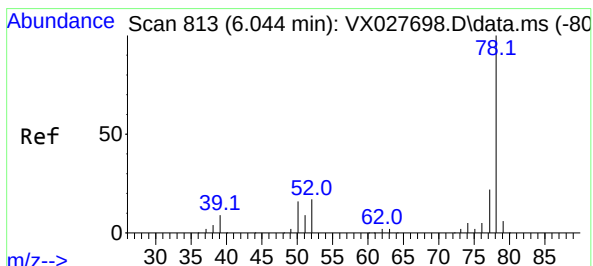
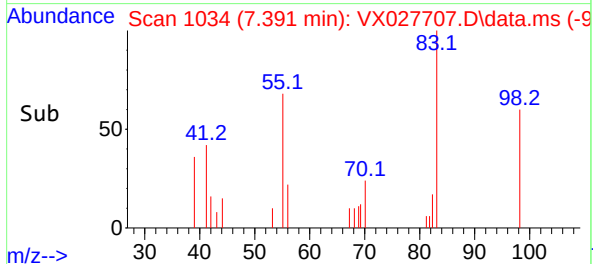
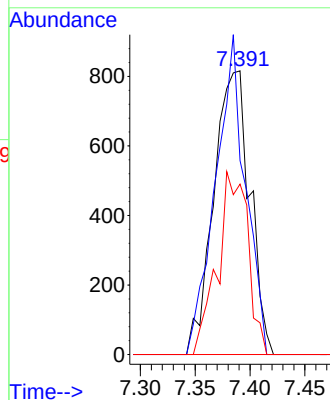
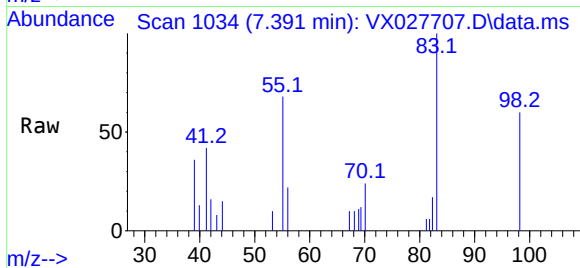
Ion	Ratio	Lower	Upper
83	100		
55	68.4	54.6	81.8
98	60.0	37.4	56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 0.364 ug/l

RT: 6.050 min Scan# 814

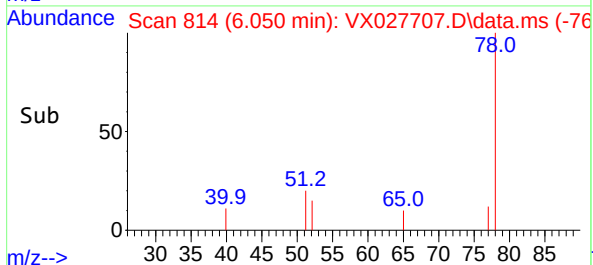
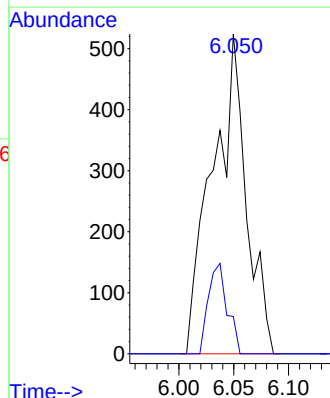
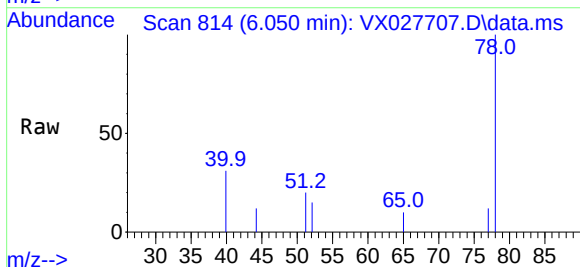
Delta R.T. 0.006 min

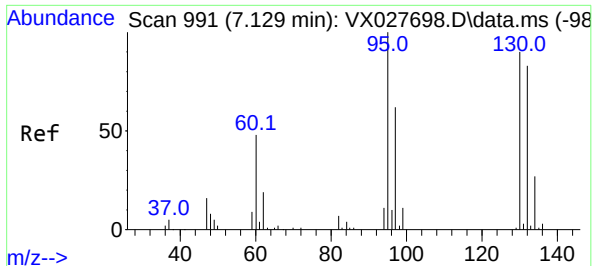
Lab File: VX027707.D

Acq: 25 Mar 2022 19:16

Tgt Ion: 78 Resp: 1121

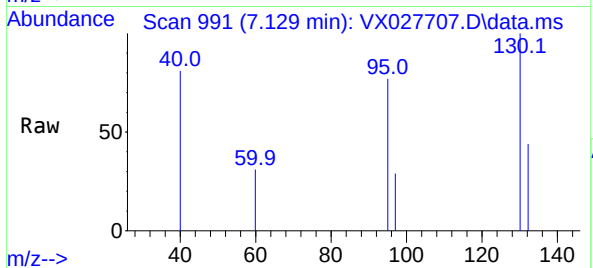
Ion	Ratio	Lower	Upper
78	100		
77	11.6	19.3	28.9





#44
Trichloroethene
Concen: 0.298 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

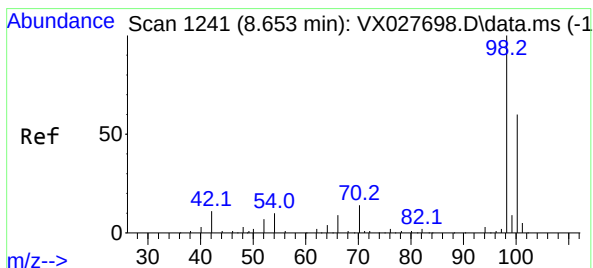
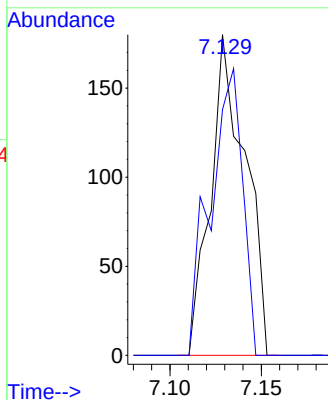
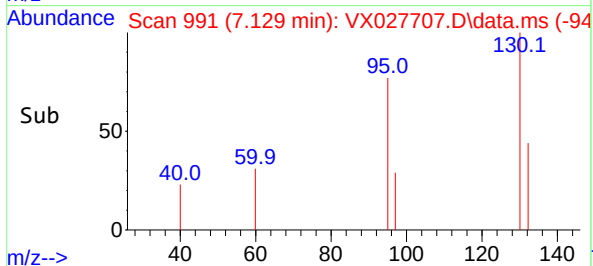
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



Tgt Ion:130 Resp: 237
Ion Ratio Lower Upper
130 100
95 76.7 0.0 188.8

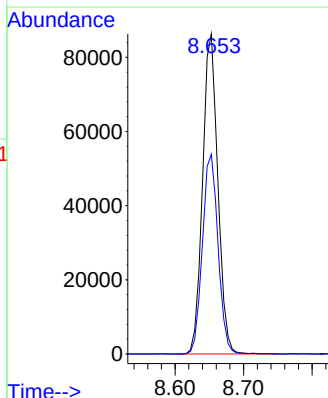
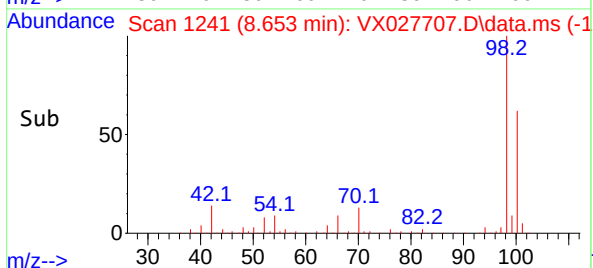
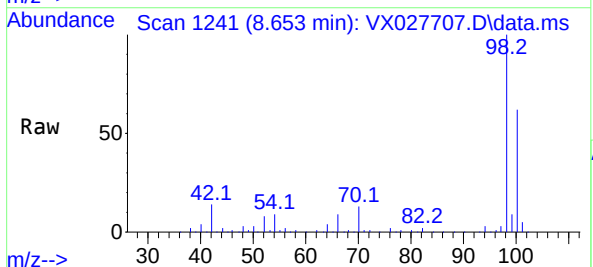
Manual Integrations
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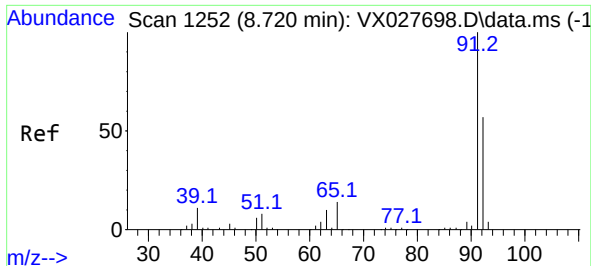
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

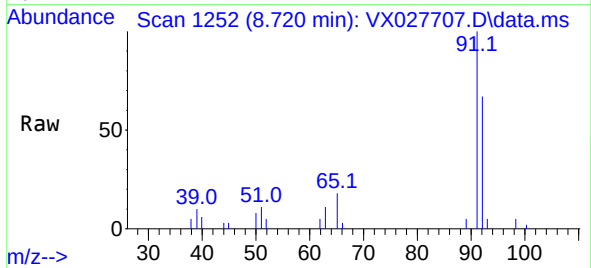
Tgt Ion: 98 Resp: 133546
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8





#52
Toluene
Concen: 1.656 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

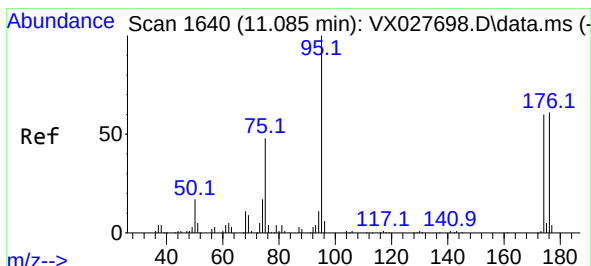
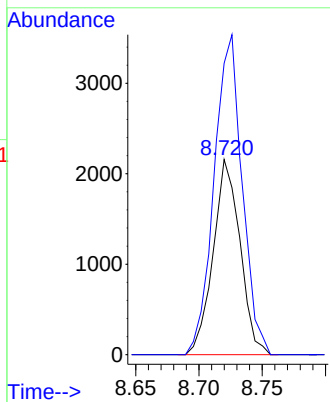
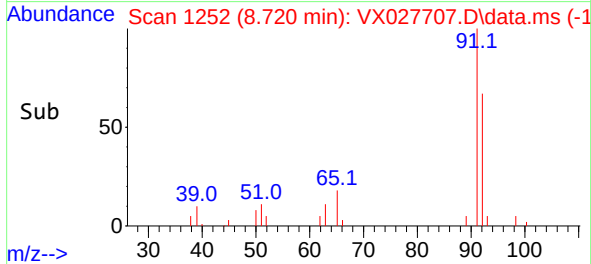
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



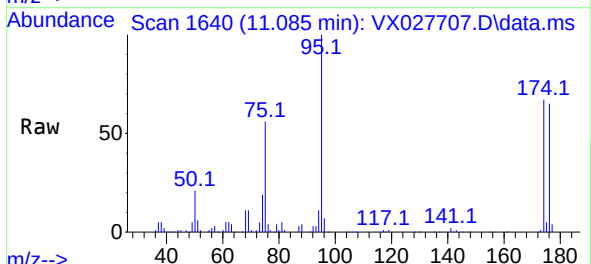
Tgt Ion: 92 Resp: 318
Ion Ratio Lower Upper
92 100
91 171.3 137.5 206.3

Manual Integrations
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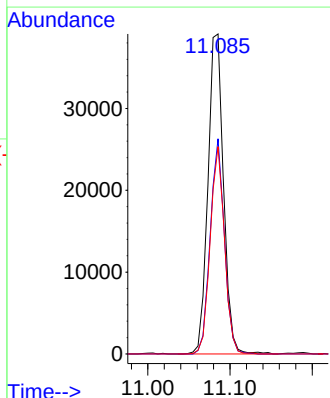
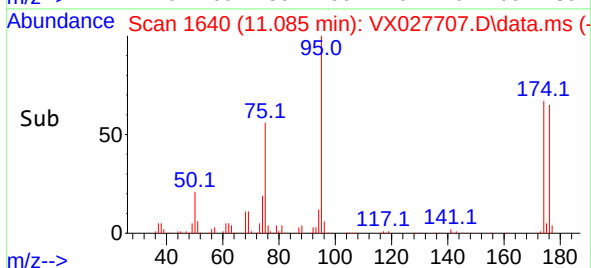
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

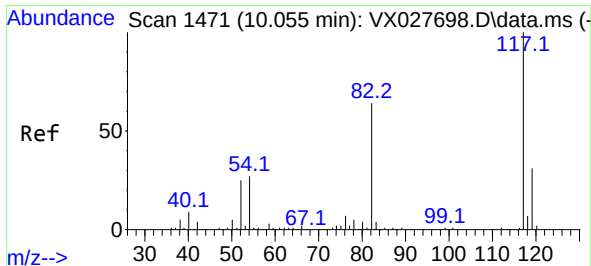


#62
4-Bromofluorobenzene
Concen: 46.533 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16



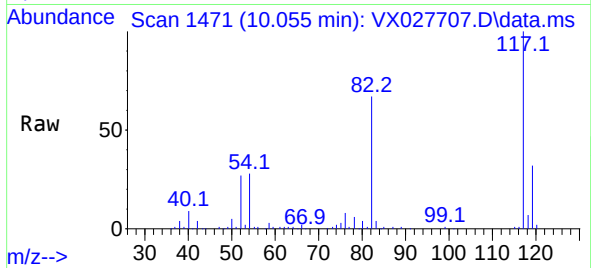
Tgt Ion: 95 Resp: 51471
Ion Ratio Lower Upper
95 100
174 61.1 0.0 163.0
176 59.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

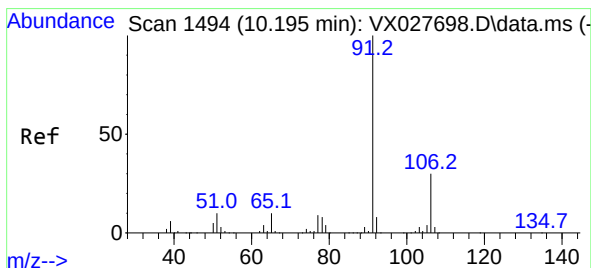
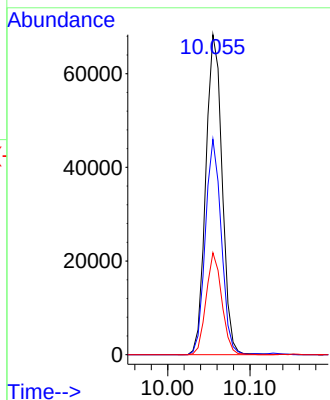
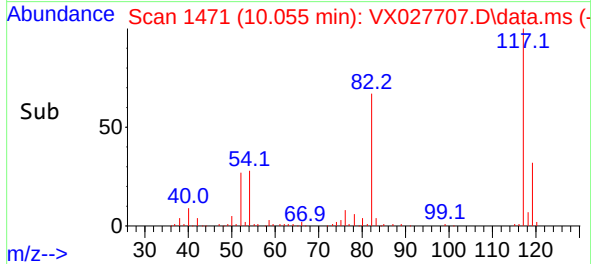
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



Tgt Ion:117 Resp: 9440
Ion Ratio Lower Upper
117 100
82 67.3 41.8 62.8
119 31.9 24.8 37.2

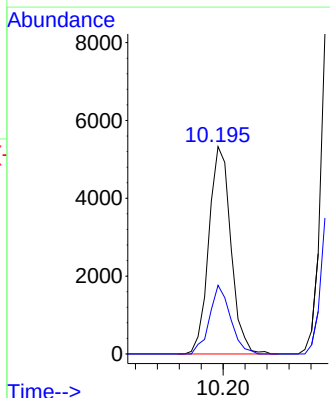
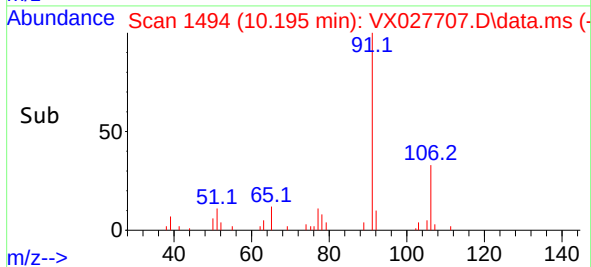
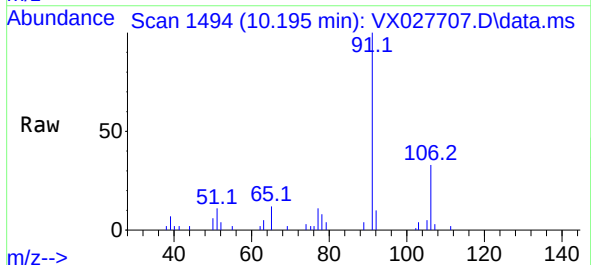
Manual Integrations
APPROVED

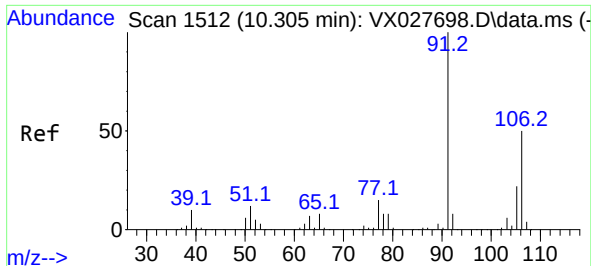
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#67
Ethyl Benzene
Concen: 2.008 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

Tgt Ion: 91 Resp: 7440
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8





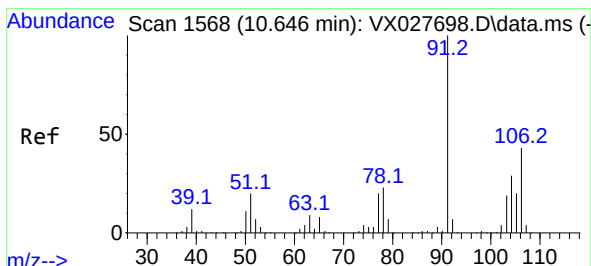
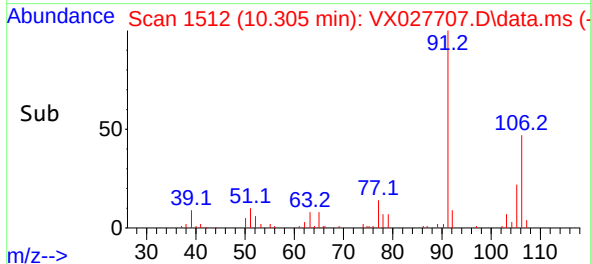
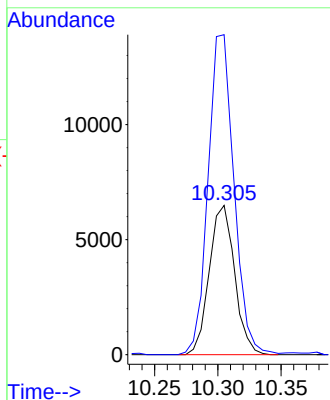
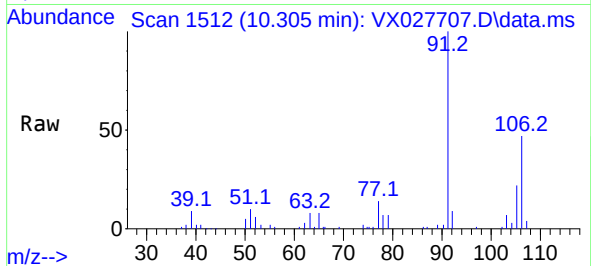
#68
m/p-Xylenes
Concen: 6.729 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022

Tgt Ion:106 Resp: 9030
Ion Ratio Lower Upper
106 100
91 219.3 160.4 240.6

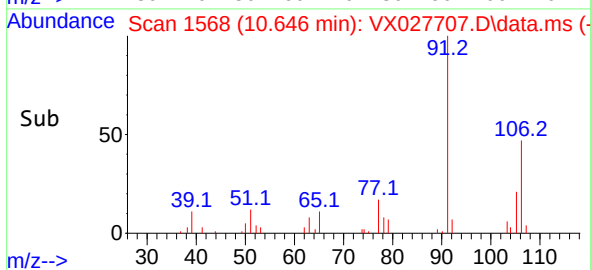
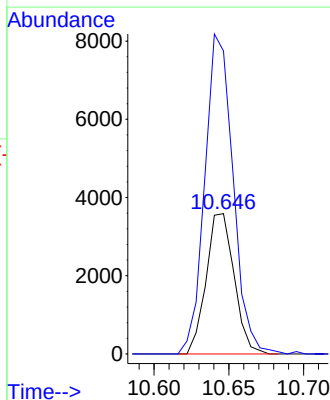
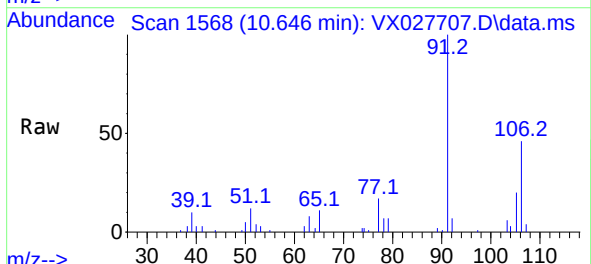
Manual Integrations
APPROVED

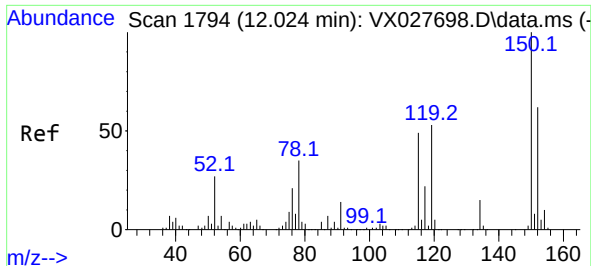
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#69
o-Xylene
Concen: 3.455 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

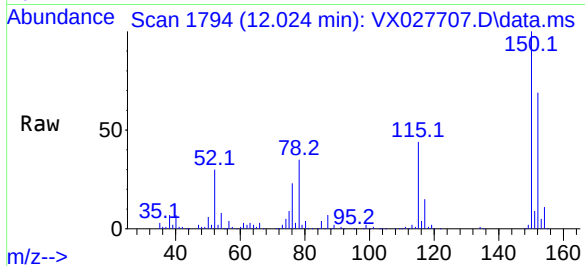
Tgt Ion:106 Resp: 4662
Ion Ratio Lower Upper
106 100
91 231.5 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

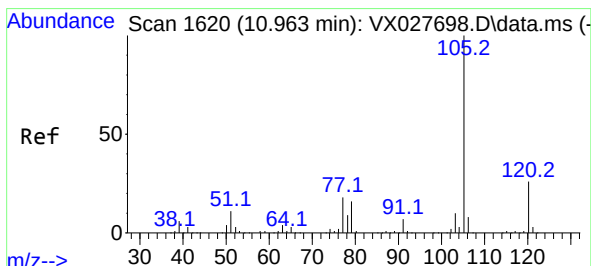
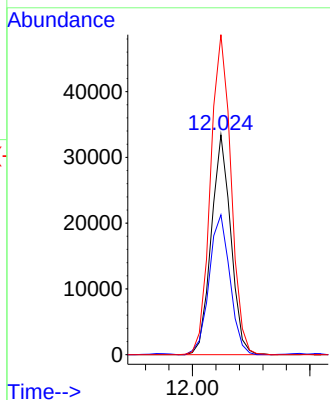
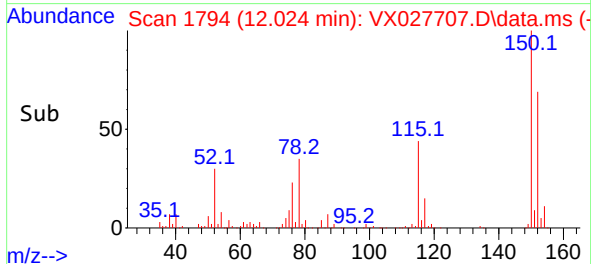
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



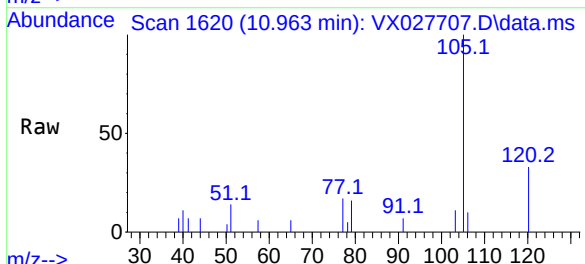
Tgt Ion:152 Resp: 38578
Ion Ratio Lower Upper
152 100
115 67.7 37.5 112.7
150 152.8 0.0 338.2

Manual Integrations
APPROVED

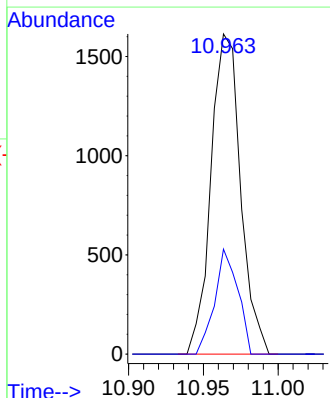
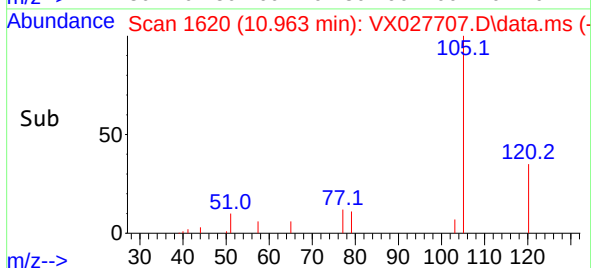
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

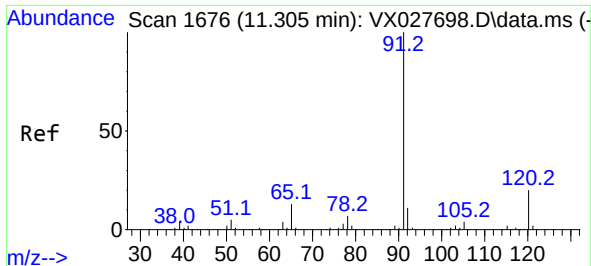


#73
Isopropylbenzene
Concen: 0.701 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16



Tgt Ion:105 Resp: 2221
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5





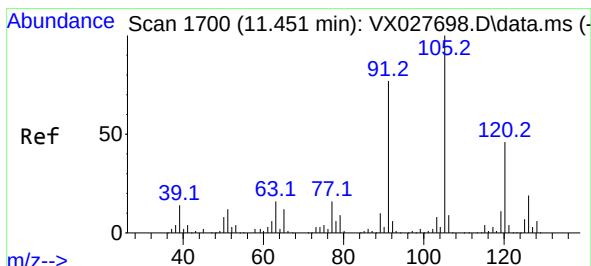
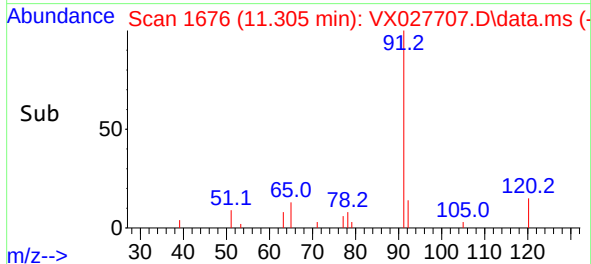
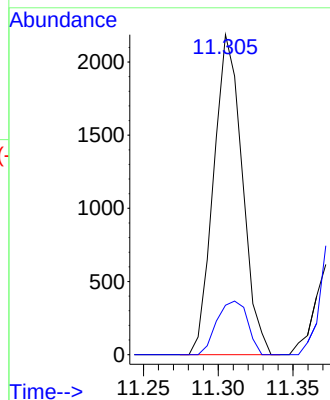
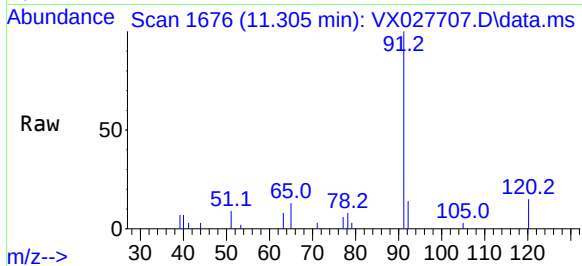
#78
n-propylbenzene
Concen: 0.775 ug/l
RT: 11.305 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022

Tgt Ion: 91 Resp: 2912
Ion Ratio Lower Upper
91 100
120 17.9 11.6 34.8

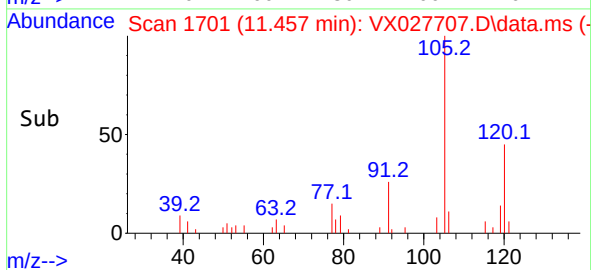
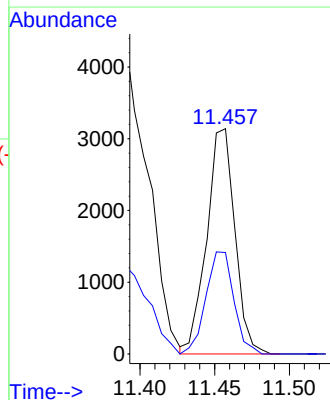
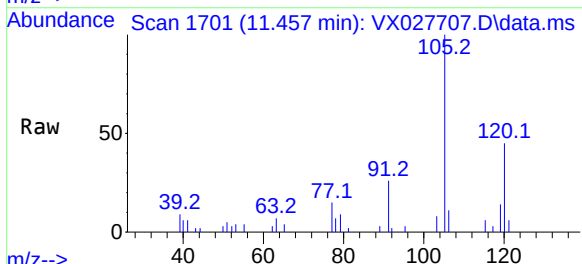
Manual Integrations
APPROVED

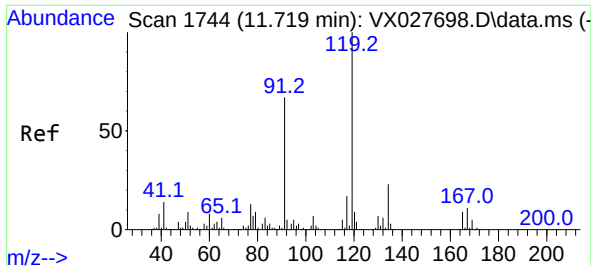
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.512 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

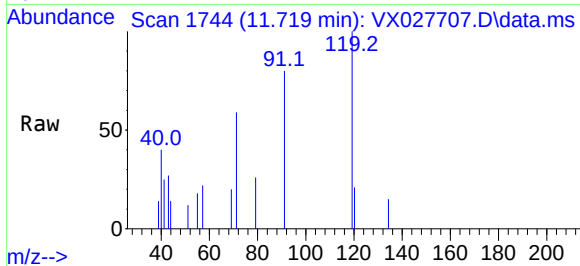
Tgt Ion:105 Resp: 4119
Ion Ratio Lower Upper
105 100
120 44.9 24.3 72.9





#83
tert-Butylbenzene
Concen: 0.243 ug/l m
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16

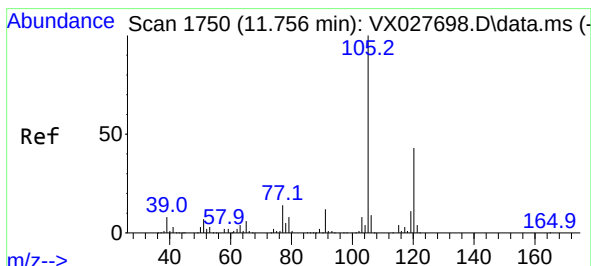
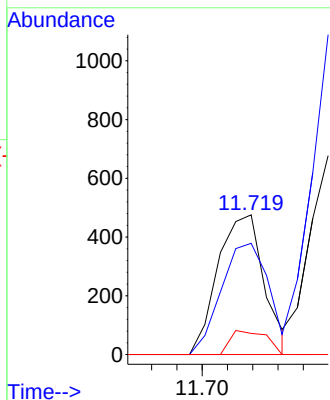
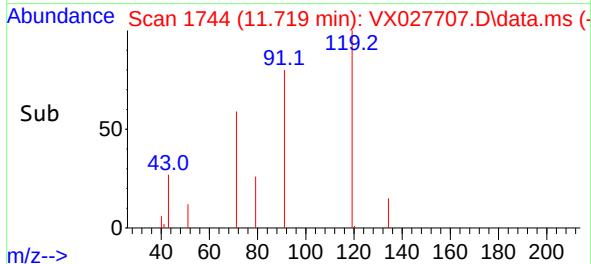
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-2022



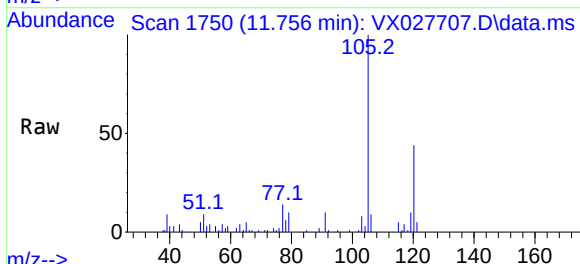
Tgt Ion:119 Resp: 607
Ion Ratio Lower Upper
119 100
91 89.6 26.9 80.6
134 59.1 11.4 34.2

Manual Integrations
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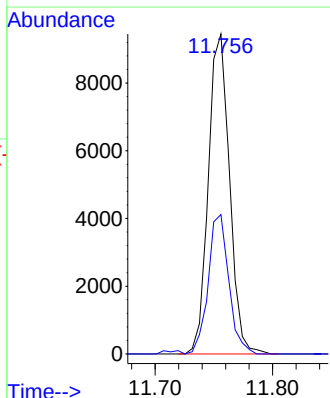
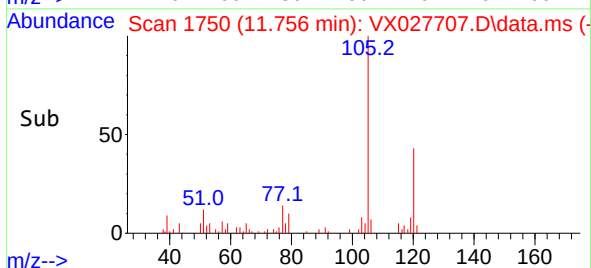
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

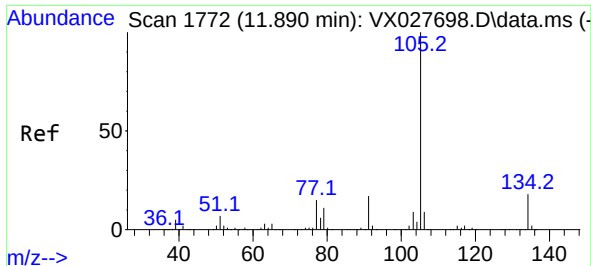


#84
1,2,4-Trimethylbenzene
Concen: 4.279 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027707.D
Acq: 25 Mar 2022 19:16



Tgt Ion:105 Resp: 11829
Ion Ratio Lower Upper
105 100
120 42.4 22.6 67.8





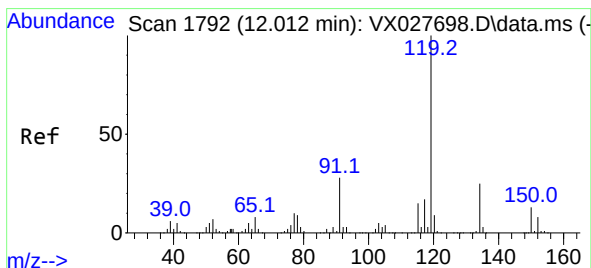
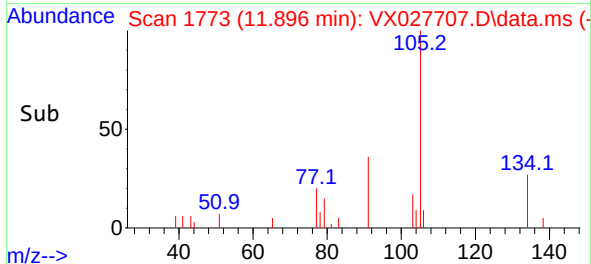
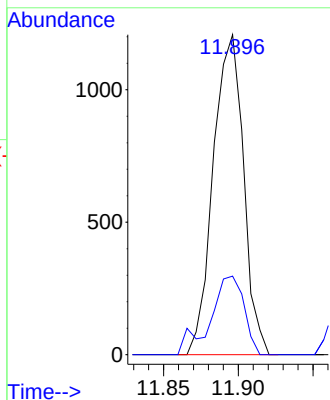
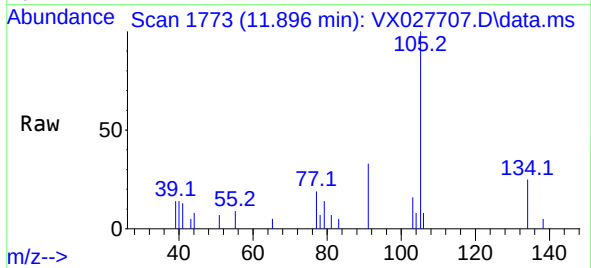
#85
 sec-Butylbenzene
 Concen: 0.519 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX027707.D
 Acq: 25 Mar 2022 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-23-2022

Tgt Ion:105 Resp: 170
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.2 30.4

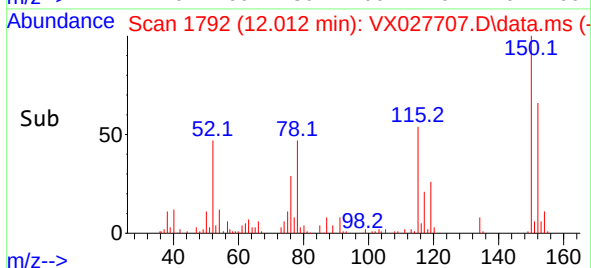
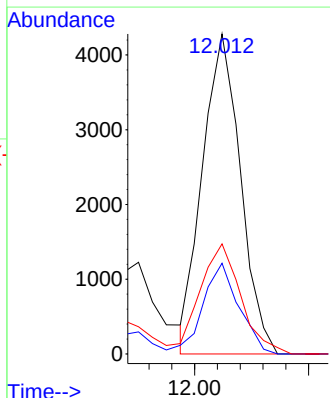
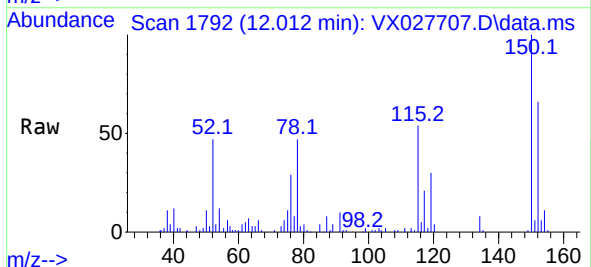
Manual Integrations
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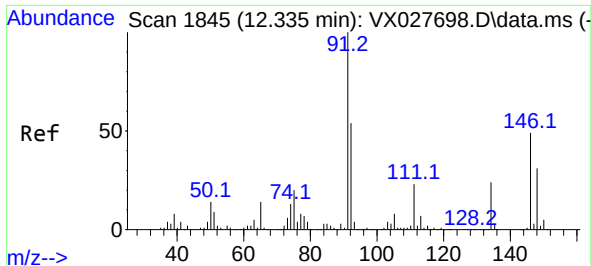
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 1.921 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027707.D
 Acq: 25 Mar 2022 19:16

Tgt Ion:119 Resp: 4954
 Ion Ratio Lower Upper
 119 100
 134 7.2 13.0 39.0#
 91 11.0 11.3 33.9#





#89

n-Butylbenzene

Concen: 1.187 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027707.D

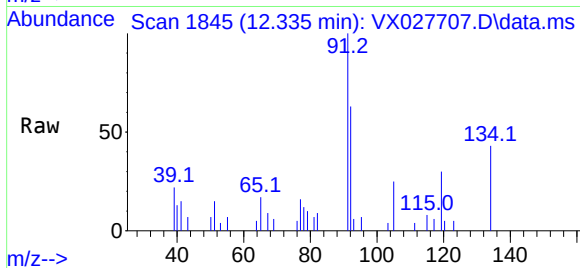
Acq: 25 Mar 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

GW-3-23-2022



Tgt Ion: 91 Resp: 2899

Ion	Ratio	Lower	Upper
91	100		
92	34.3	27.8	83.3
134	75.2	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

