

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071903.D
 Acq On : 07 Apr 2022 14:38
 Operator : JC\MD
 Sample : N2313-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-33604

Quant Time: Apr 08 01:14:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	658342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1086678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1144698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	519974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	346235	46.068	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.140%		
35) Dibromofluoromethane	8.016	113	306301	47.901	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.800%		
50) Toluene-d8	10.439	98	1399921	53.517	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.040%		
62) 4-Bromofluorobenzene	12.727	95	538890	63.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	127.400%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.375	59	4492m	3.683	ug/l	
16) Acetone	4.281	43	558477	173.874	ug/l	93
22) Diisopropyl ether	6.493	45	40033	2.085	ug/l #	89
25) 2-Butanone	7.334	43	43581	9.412	ug/l	95
31) Cyclohexane	8.092	56	104930	10.266	ug/l #	94
39) Methylcyclohexane	9.457	83	138420	13.022	ug/l	99
40) Benzene	8.457	78	4595631	162.917	ug/l	100
52) Toluene	10.492	92	21881349m	1227.135	ug/l	
56) Ethyl methacrylate	10.757	69	49810	4.758	ug/l #	75
67) Ethyl Benzene	11.839	91	10727911	276.478	ug/l	96
68) m/p-Xylenes	11.945	106	12117702	812.795	ug/l	77
69) o-Xylene	12.275	106	7494374	506.451	ug/l	91
73) Isopropylbenzene	12.575	105	562150	12.830	ug/l	100
78) n-propylbenzene	12.916	91	1685716	36.573	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	2514339	72.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	8444384	249.296	ug/l	99
85) sec-Butylbenzene	13.498	105	127019m	3.088	ug/l	
86) p-Isopropyltoluene	13.610	119	84933m	2.589	ug/l	
89) n-Butylbenzene	13.939	91	154730	6.360	ug/l #	72
95) Naphthalene	15.498	128	1496939	62.214	ug/l	100

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

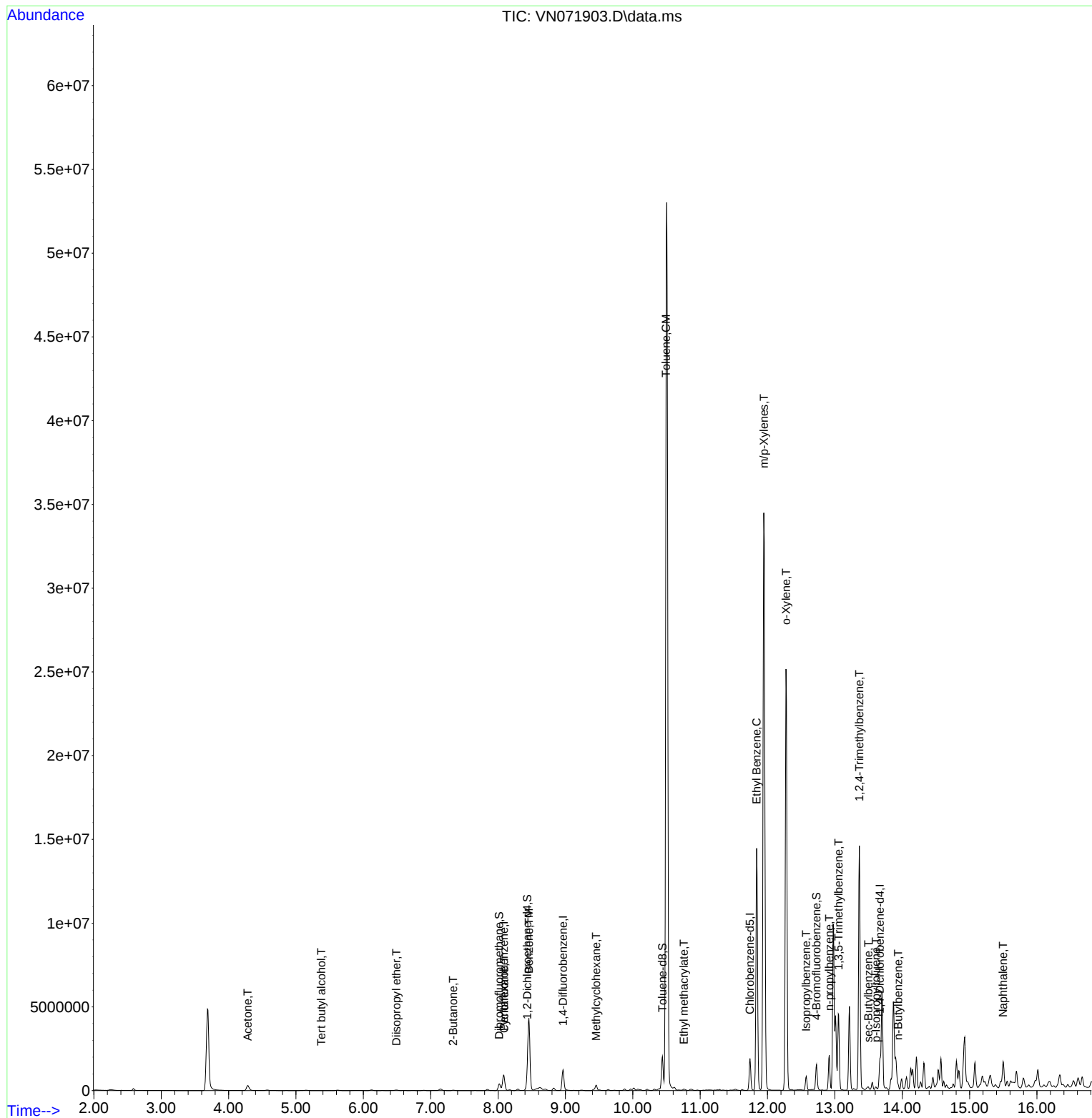
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
Data File : VN071903.D
Acq On : 07 Apr 2022 14:38
Operator : JC\MD
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ALS Vial : 10 Sample Multiplier: 1

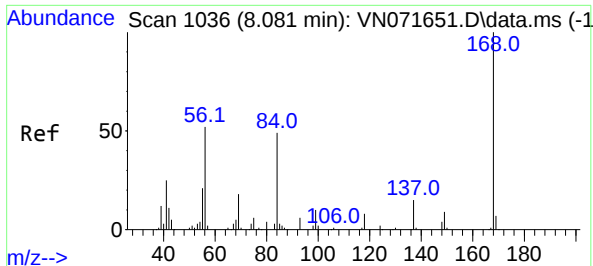
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604

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Supervised By : Mahesh Dadoda 04/08/2022

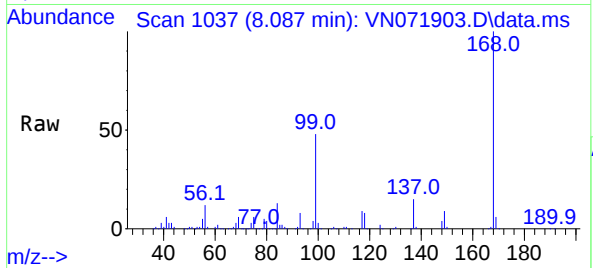
Quant Time: Apr 08 01:14:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

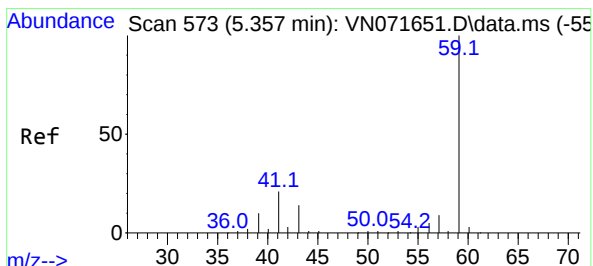
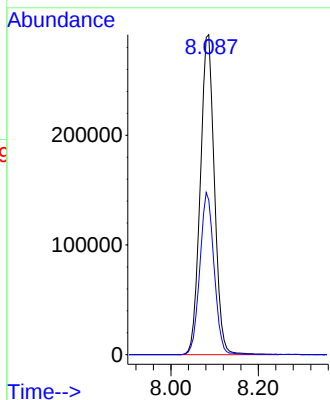
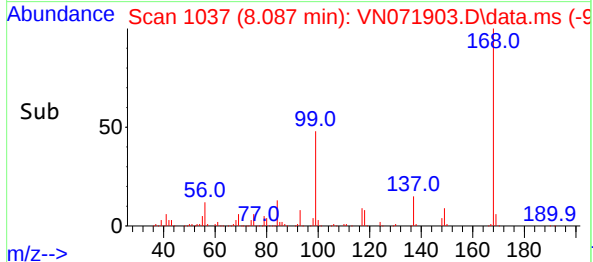
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604



Tgt Ion:168 Resp: 65834
Ion Ratio Lower Upper
168 100
99 48.4 42.3 63.5

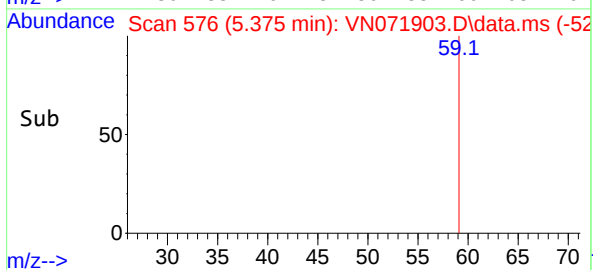
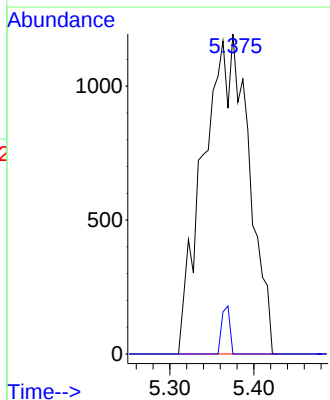
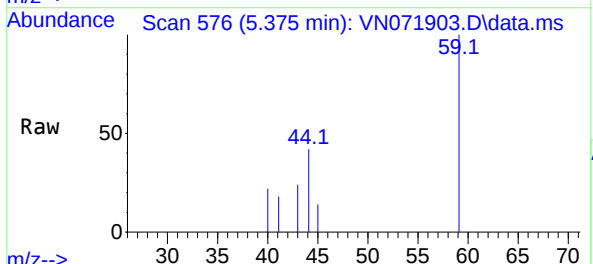
Manual Integrations
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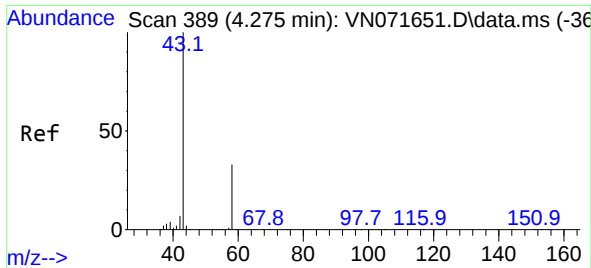
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#11
Tert butyl alcohol
Concen: 3.683 ug/l m
RT: 5.375 min Scan# 576
Delta R.T. 0.018 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

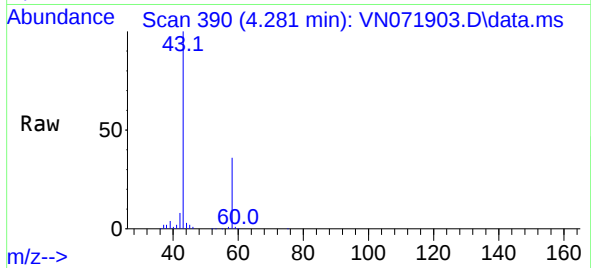
Tgt Ion: 59 Resp: 4492
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 173.874 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

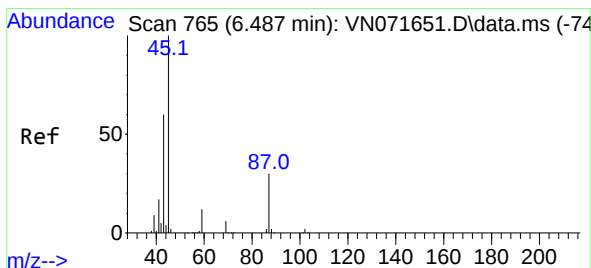
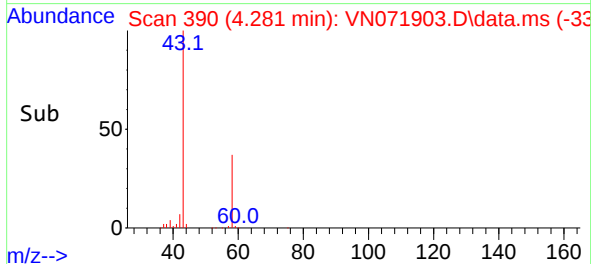
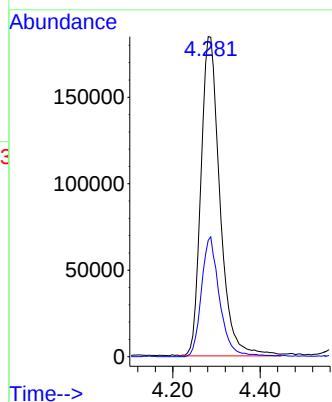
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 55847
Ion Ratio Lower Upper
43 100
58 36.4 26.0 39.0

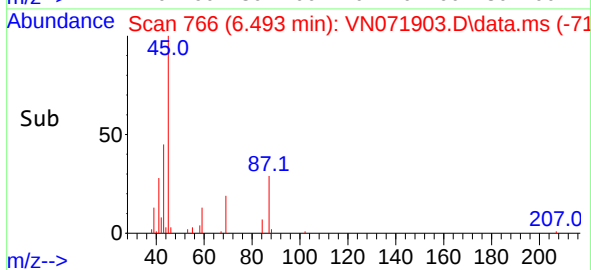
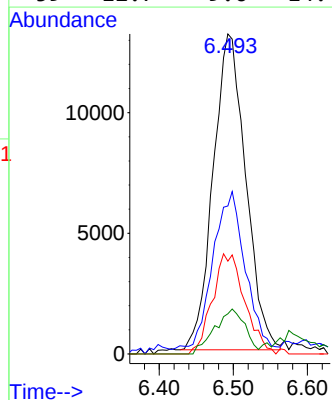
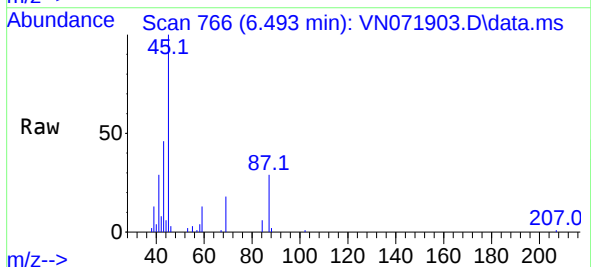
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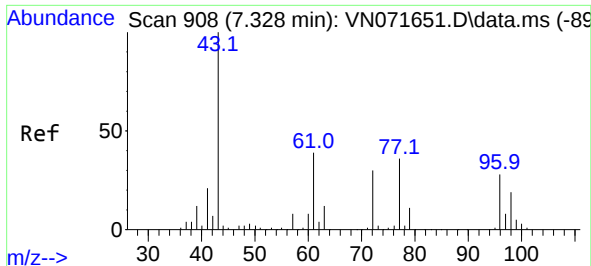
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#22
Diisopropyl ether
Concen: 2.085 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Tgt Ion: 45 Resp: 40033
Ion Ratio Lower Upper
45 100
43 44.7 46.6 70.0#
87 29.4 24.3 36.5
59 12.7 9.6 14.4





#25

2-Butanone

Concen: 9.412 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071903.D

Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604

Tgt Ion: 43 Resp: 4358

Ion Ratio Lower Upper

43 100

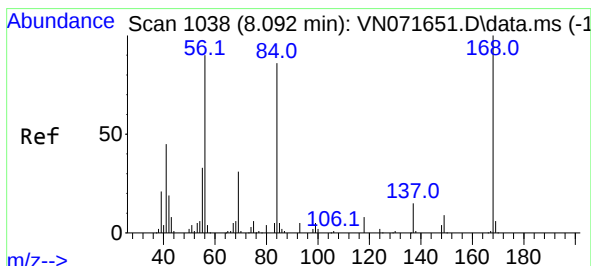
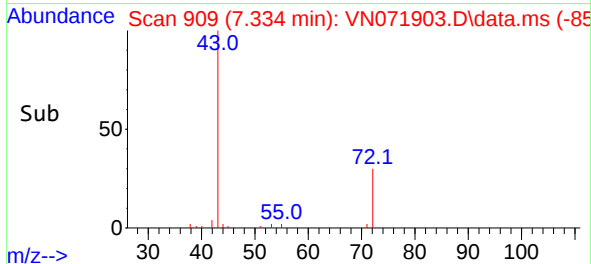
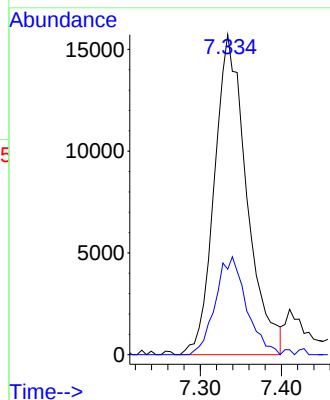
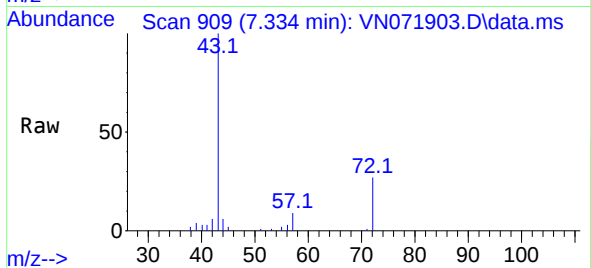
72 26.7 23.7 35.5

Manual Integrations

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#31

Cyclohexane

Concen: 10.266 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071903.D

Acq: 07 Apr 2022 14:38

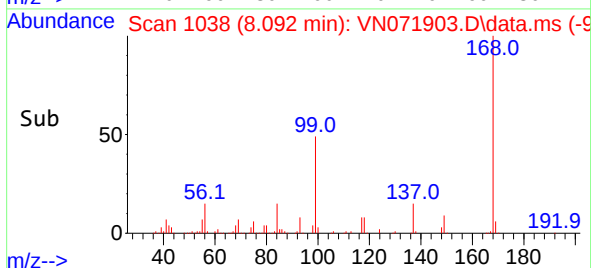
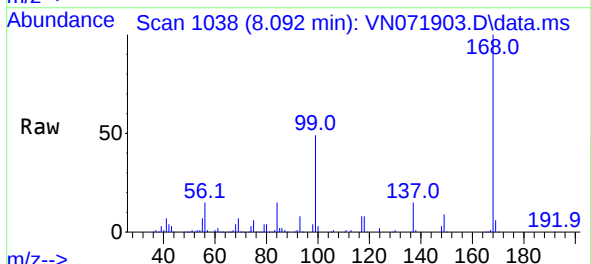
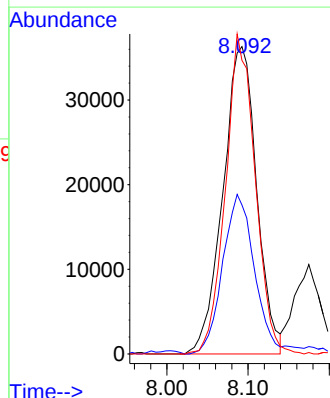
Tgt Ion: 56 Resp: 104930

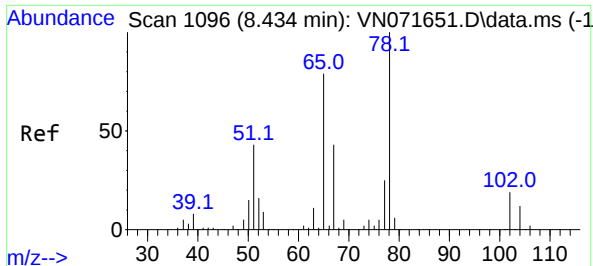
Ion Ratio Lower Upper

56 100

69 47.9 27.8 41.8#

84 95.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.068 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071903.D

Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604

Tgt Ion: 65 Resp: 34623

Ion Ratio Lower Upper

65 100

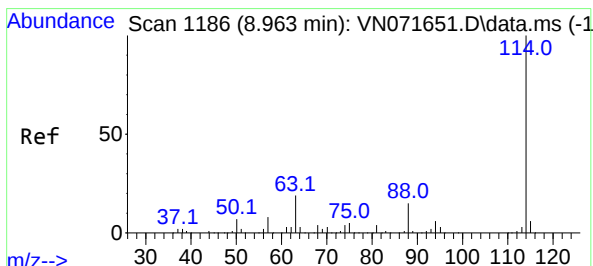
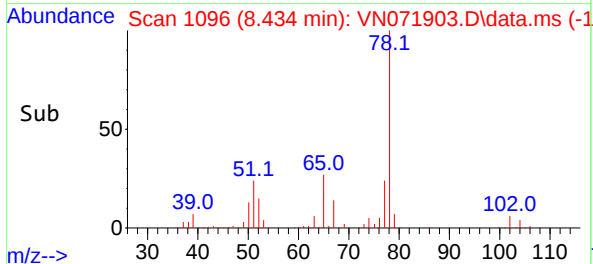
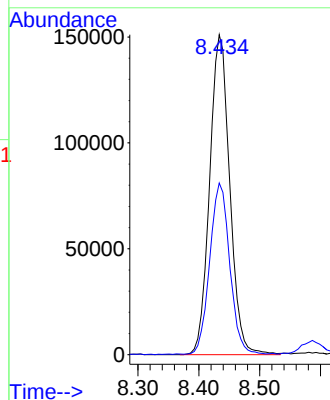
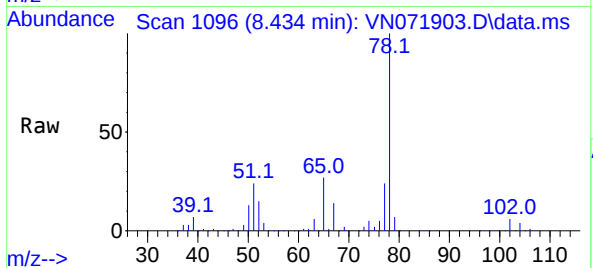
67 53.2 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071903.D

Acq: 07 Apr 2022 14:38

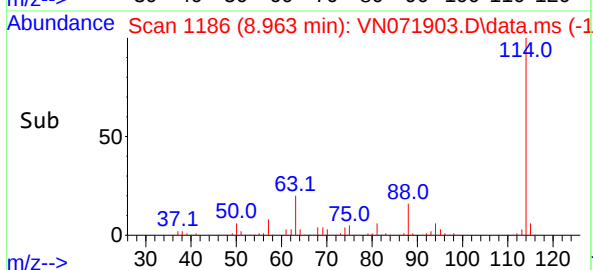
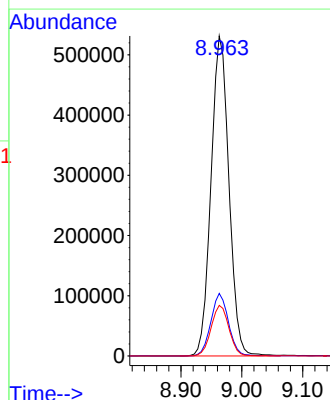
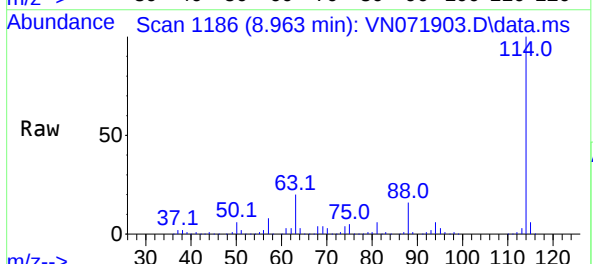
Tgt Ion:114 Resp: 1086678

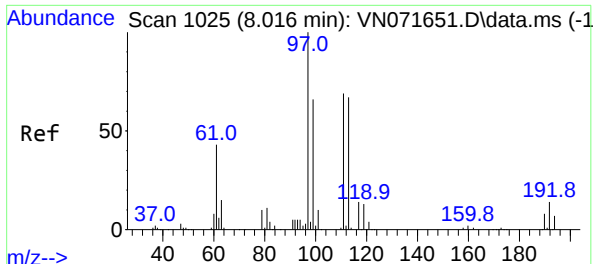
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.8 0.0 32.6





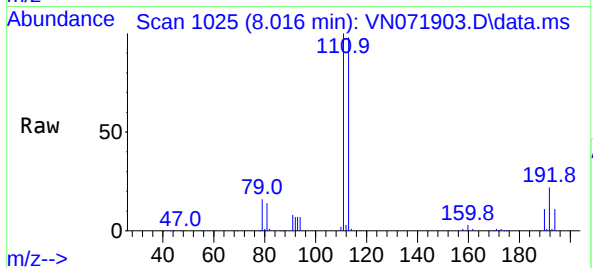
#35
Dibromofluoromethane
Concen: 47.901 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604



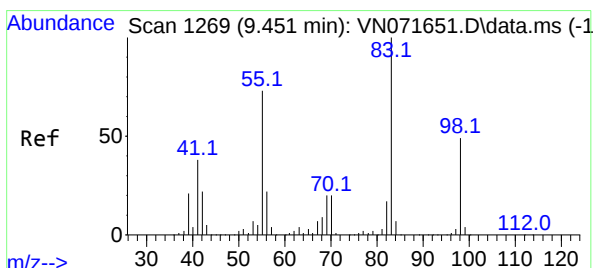
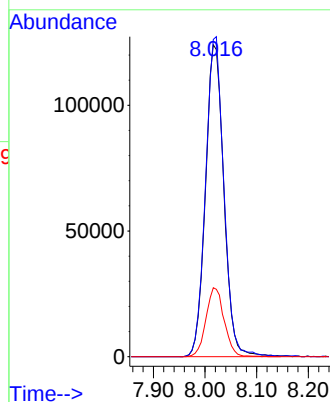
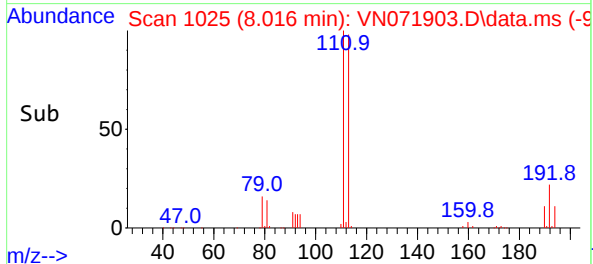
Tgt Ion: 113 Resp: 30630
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.9 17.0 25.6

Manual Integrations

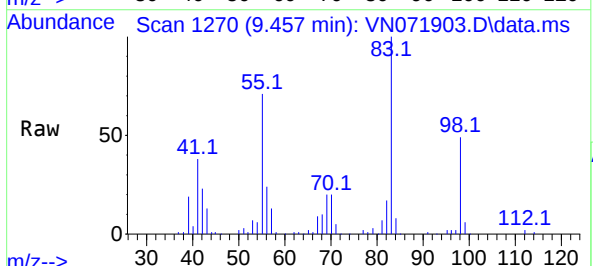
APPROVED

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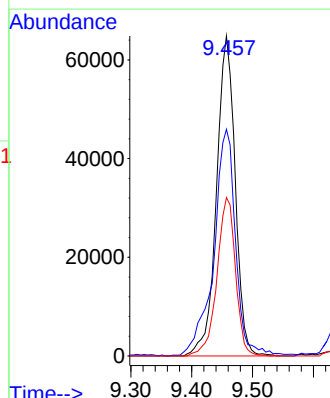
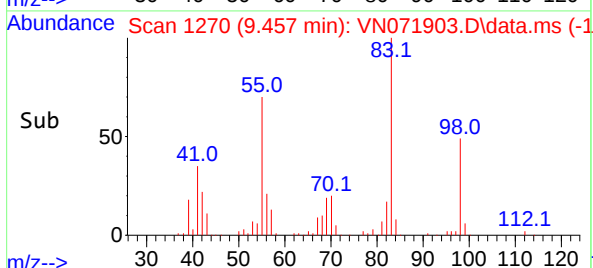
Supervised By :Mahesh Dadoda 04/08/2022

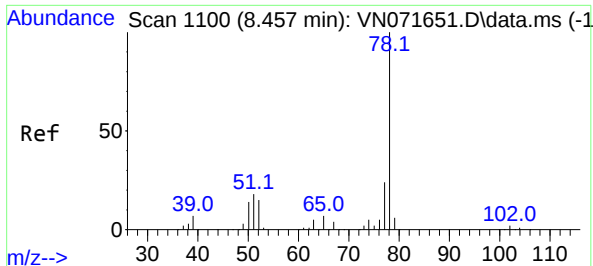


#39
Methylcyclohexane
Concen: 13.022 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38



Tgt Ion: 83 Resp: 138420
Ion Ratio Lower Upper
83 100
55 70.6 57.8 86.8
98 49.5 39.4 59.2





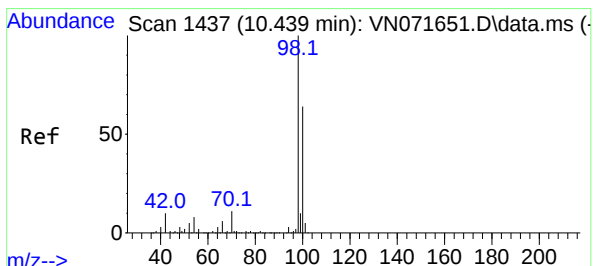
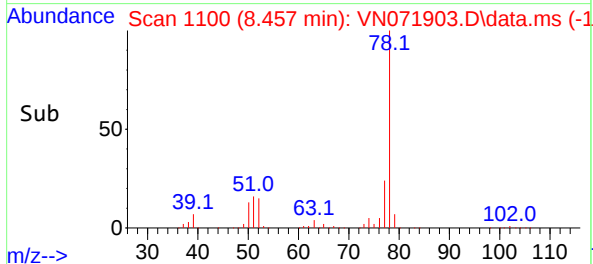
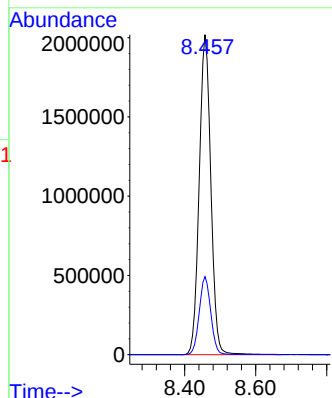
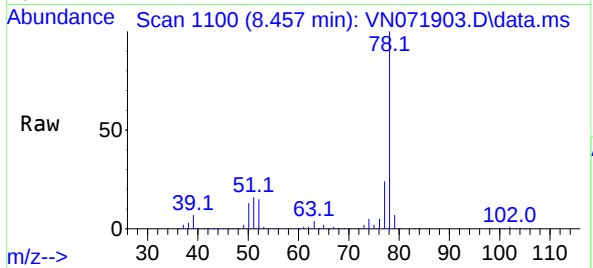
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Benzene
Concen: 162.917 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604

Tgt Ion: 78 Resp: 459563
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

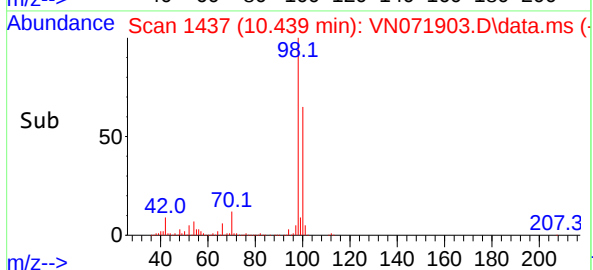
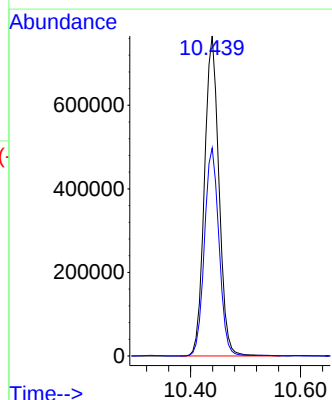
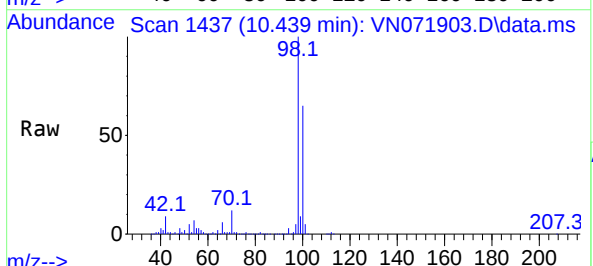
Manual Integrations
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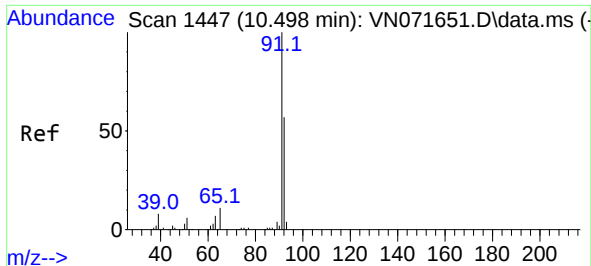
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#50
Toluene-d8
Concen: 53.517 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

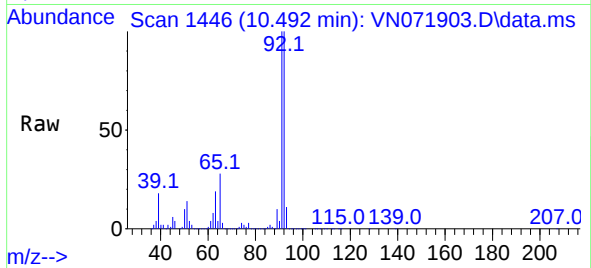
Tgt Ion: 98 Resp: 1399921
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#52
Toluene
Concen: 1227.135 ug/l m
RT: 10.492 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

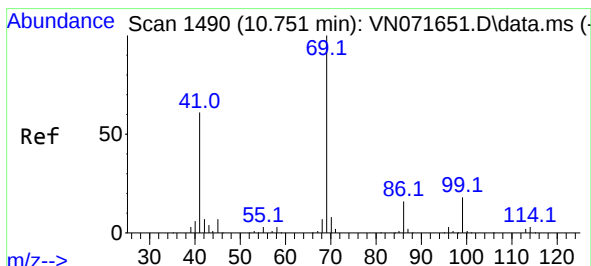
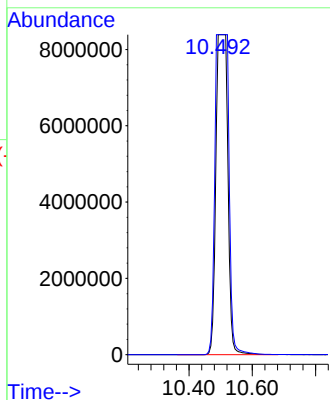
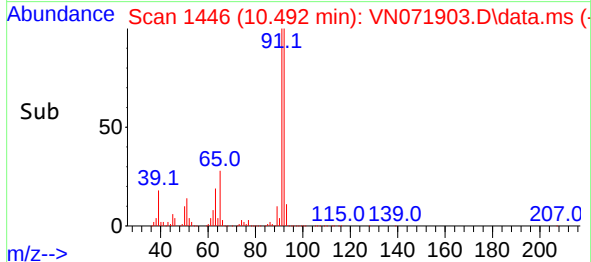
Instrument :
MSVOA_N
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DRUM-33604



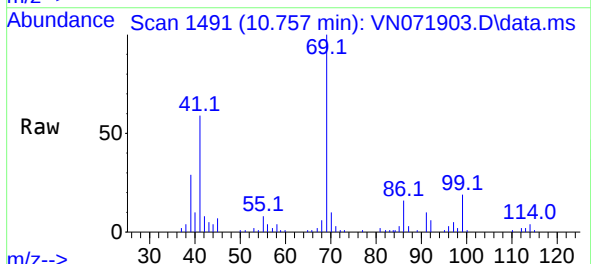
Tgt Ion: 92 Resp: 21881349
Ion Ratio Lower Upper
92 100
91 0.0 138.6 207.8

Manual Integrations
APPROVED

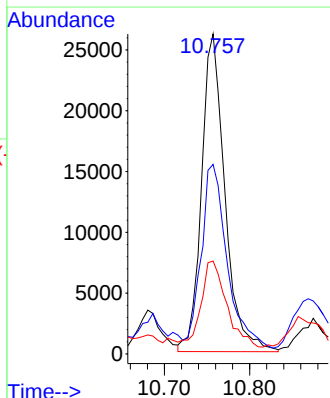
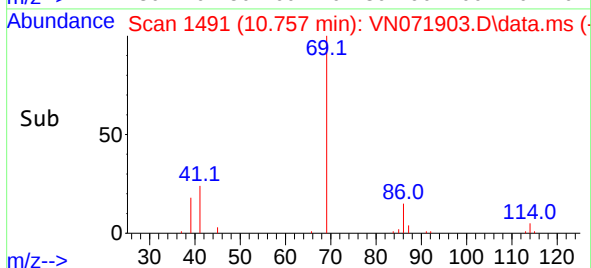
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

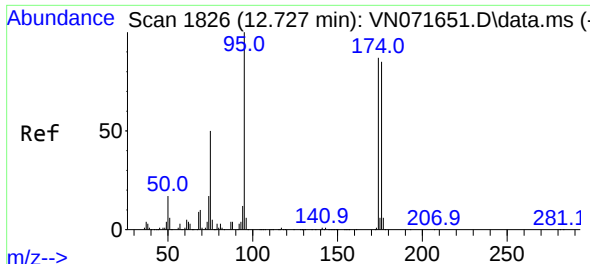


#56
Ethyl methacrylate
Concen: 4.758 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38



Tgt Ion: 69 Resp: 49810
Ion Ratio Lower Upper
69 100
41 63.8 47.8 71.6
39 0.0 27.3 40.9





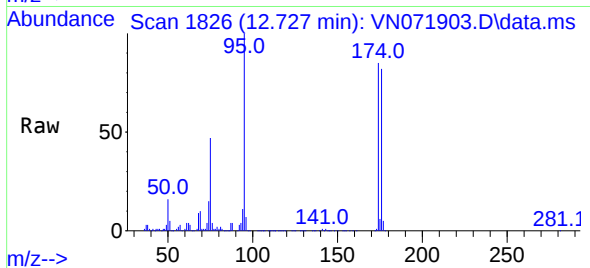
#62
4-Bromofluorobenzene
Concen: 63.699 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604



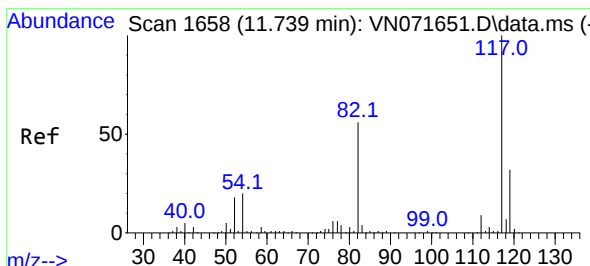
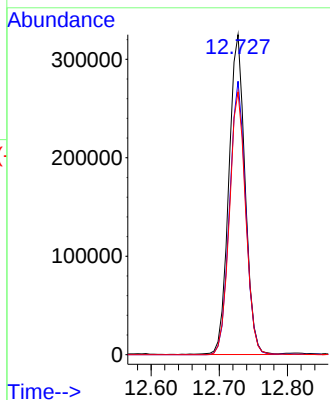
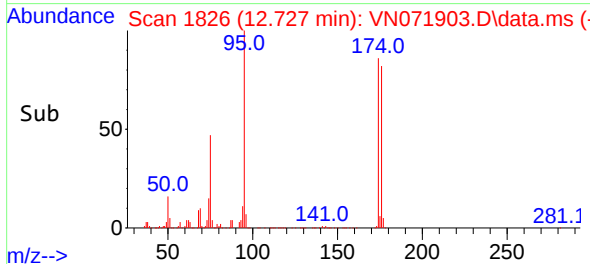
Tgt Ion: 95 Resp: 538890
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 82.1 0.0 163.4

Manual Integrations

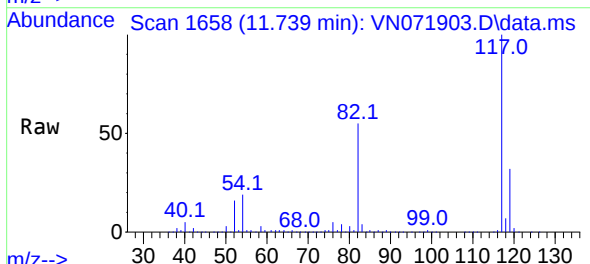
APPROVED

Reviewed By :John Carlone 04/08/2022

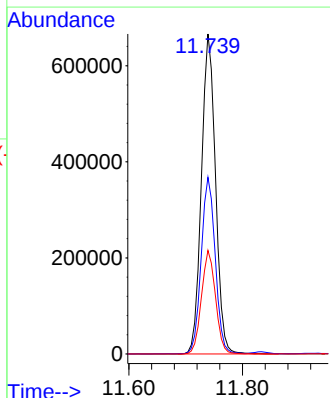
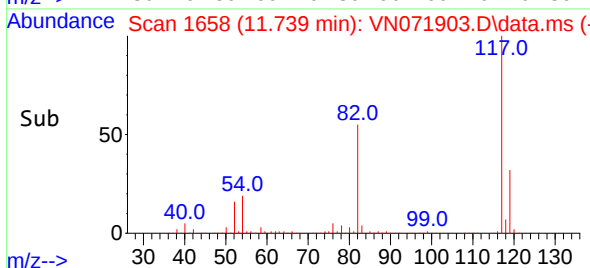
Supervised By :Mahesh Dadoda 04/08/2022

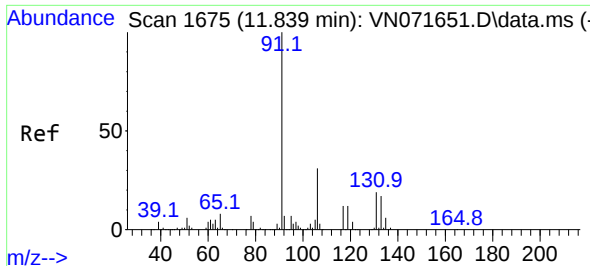


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38



Tgt Ion:117 Resp: 1144698
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.4 25.4 38.0





#67
Ethyl Benzene
Concen: 276.478 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

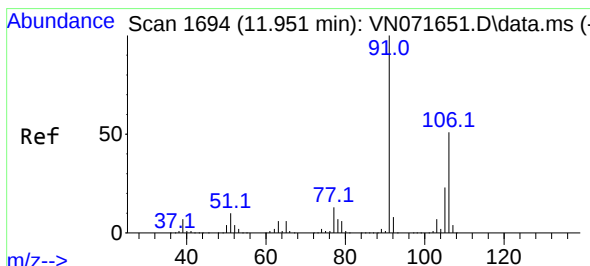
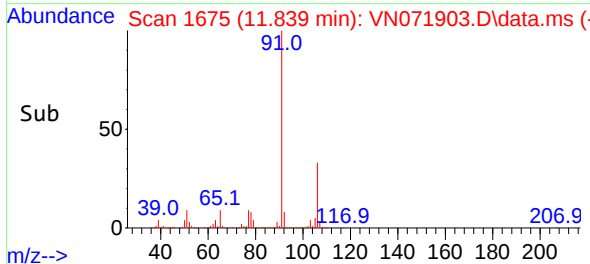
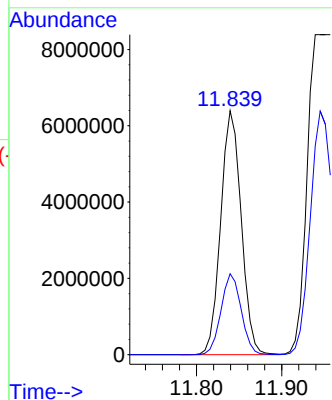
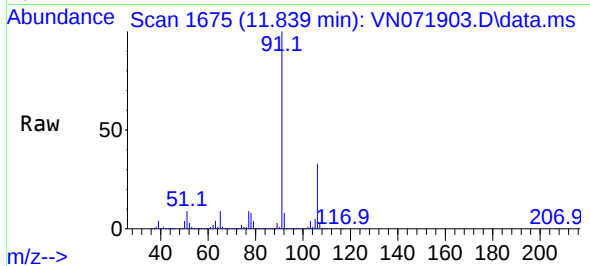
DRUM-33604

Tgt Ion: 91 Resp:1072791
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

Manual Integrations

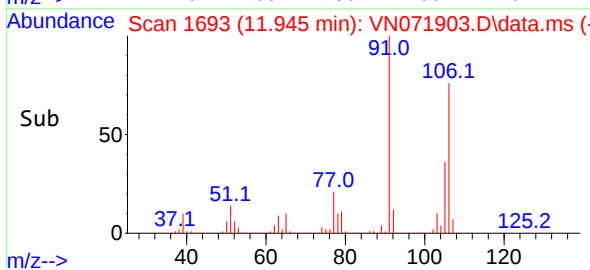
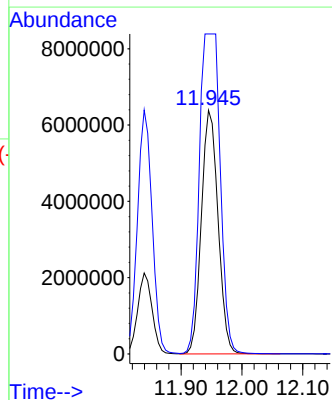
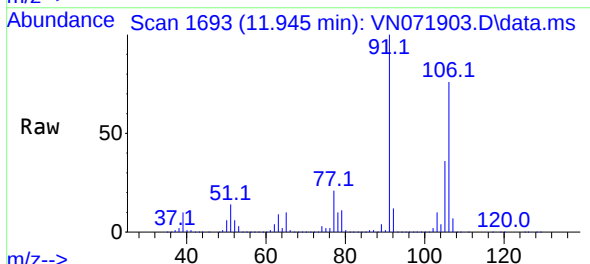
APPROVED

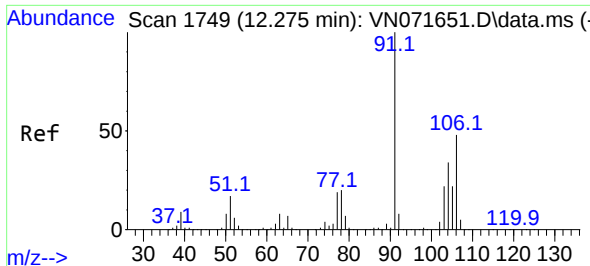
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#68
m/p-Xylenes
Concen: 812.795 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

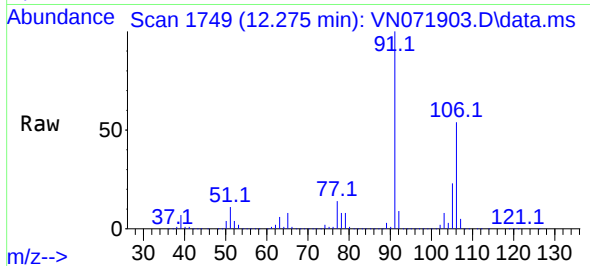
Tgt Ion:106 Resp:12117702
Ion Ratio Lower Upper
106 100
91 164.4 158.9 238.3





#69
o-Xylene
Concen: 506.451 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

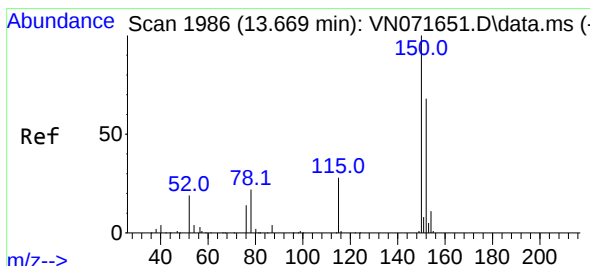
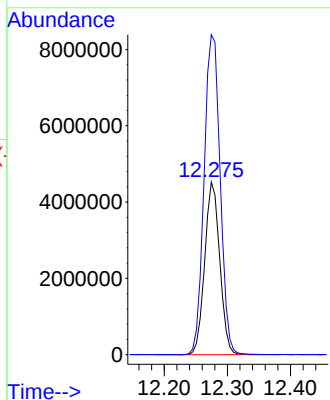
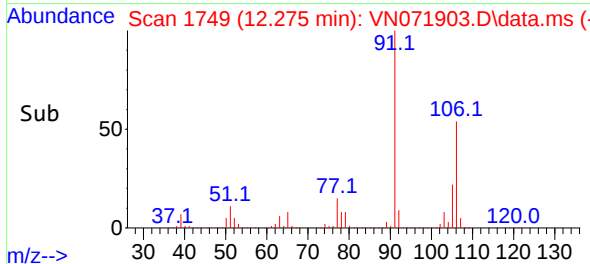
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604



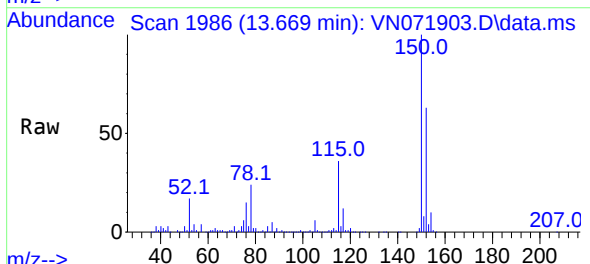
Tgt Ion:106 Resp: 7494374
Ion Ratio Lower Upper
106 100
91 198.3 106.0 318.0

Manual Integrations
APPROVED

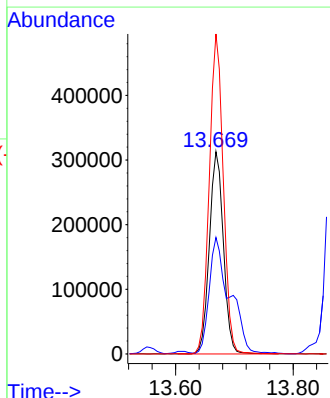
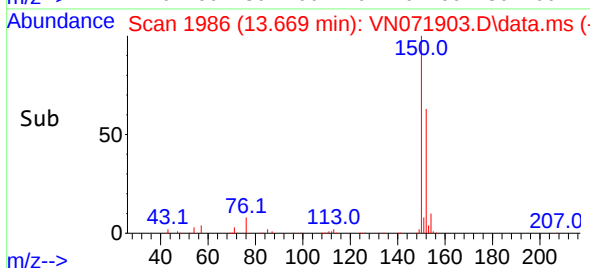
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

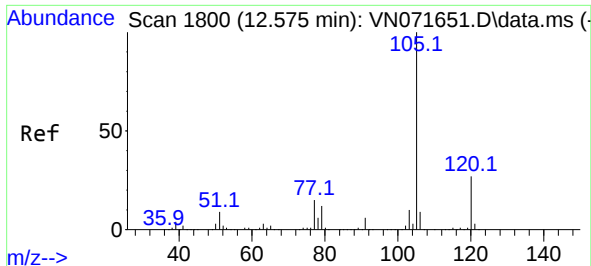


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38



Tgt Ion:152 Resp: 519974
Ion Ratio Lower Upper
152 100
115 84.4 28.9 86.7
150 157.7 0.0 356.2





#73
Isopropylbenzene
Concen: 12.830 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

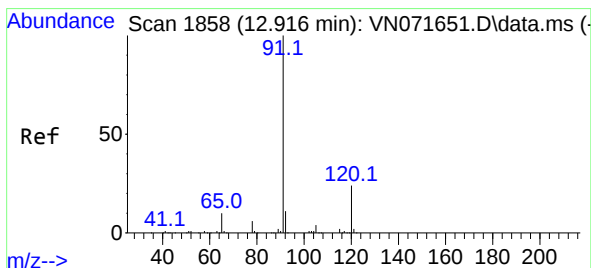
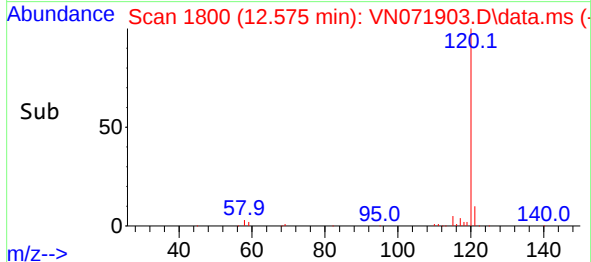
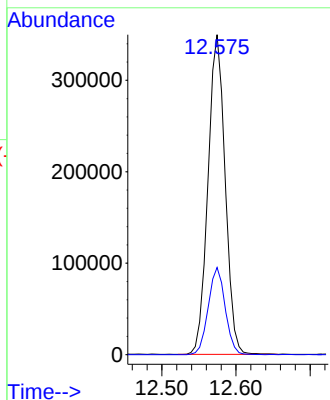
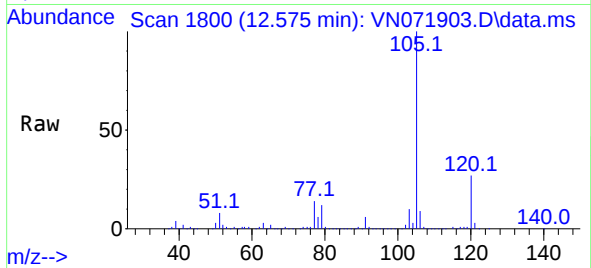
ClientSampleId :

DRUM-33604

Tgt Ion:105 Resp: 562150
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

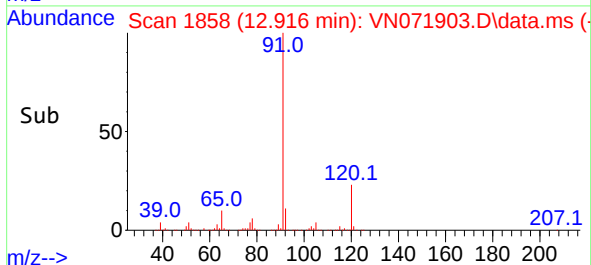
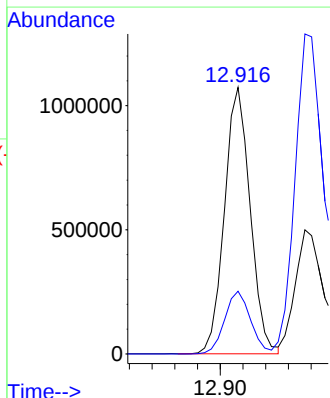
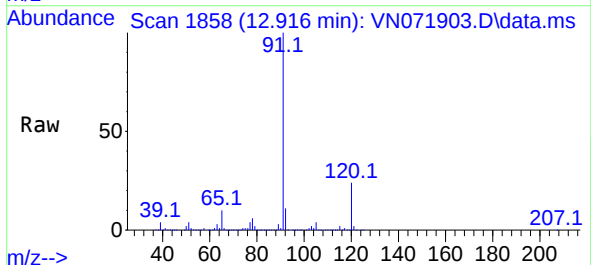
Manual Integrations
APPROVED

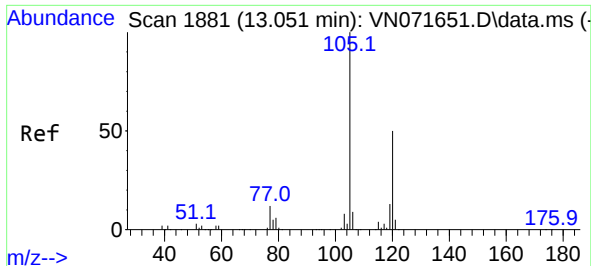
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#78
n-propylbenzene
Concen: 36.573 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

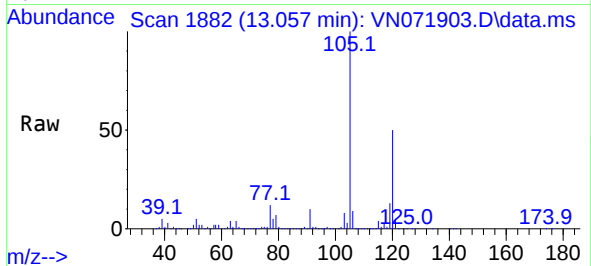
Tgt Ion: 91 Resp: 1685716
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 72.425 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

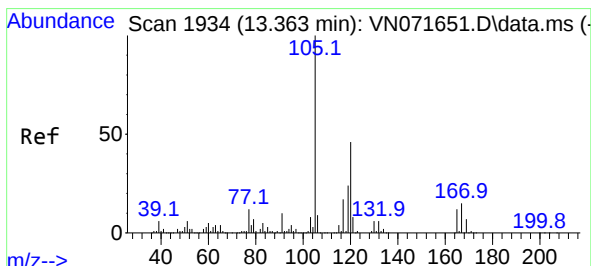
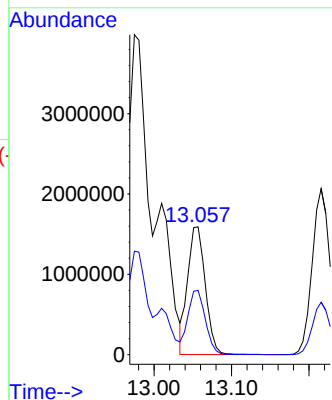
Instrument :
MSVOA_N
ClientSampleId :
DRUM-33604



Tgt Ion:105 Resp: 2514339
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7

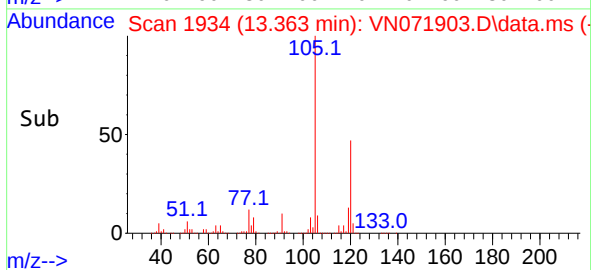
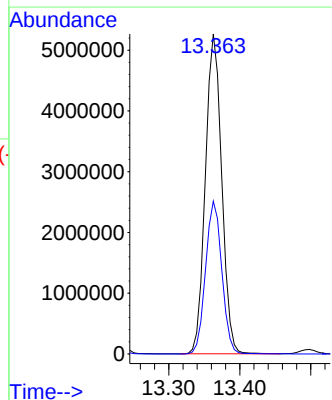
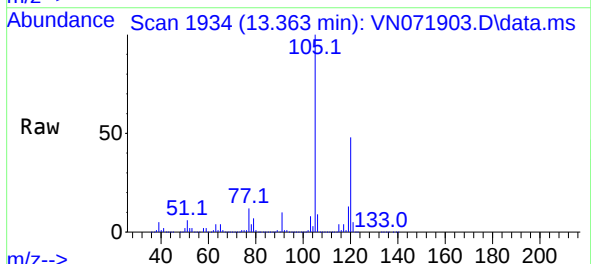
Manual Integrations
APPROVED

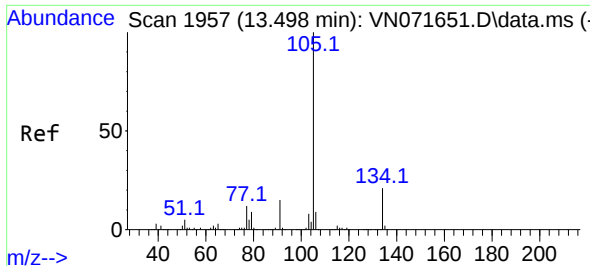
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 249.296 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

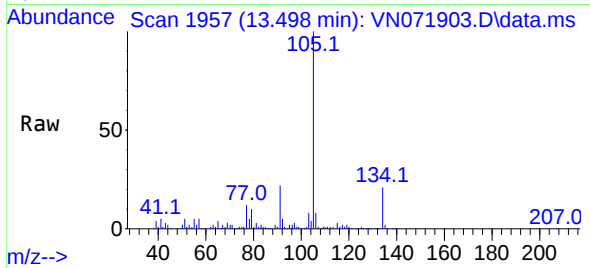
Tgt Ion:105 Resp: 8444384
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 3.088 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071903.D
 Acq: 07 Apr 2022 14:38

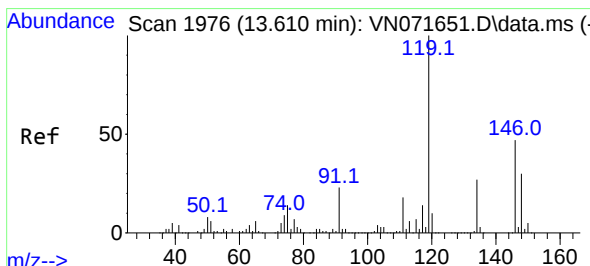
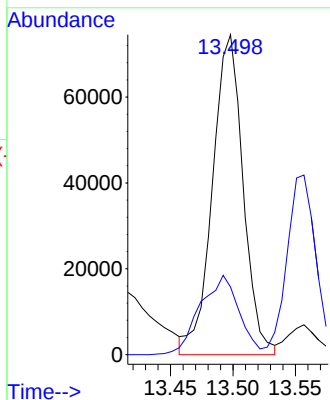
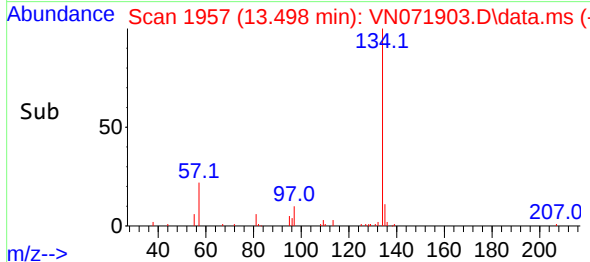
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-33604



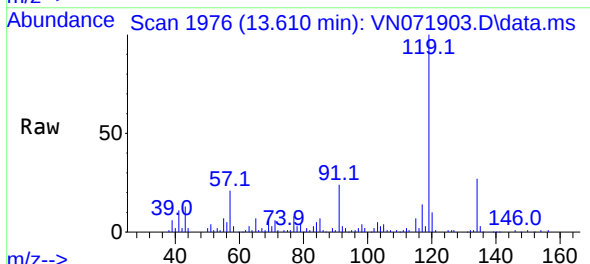
Tgt Ion:105 Resp: 127019
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

Manual Integrations
 APPROVED

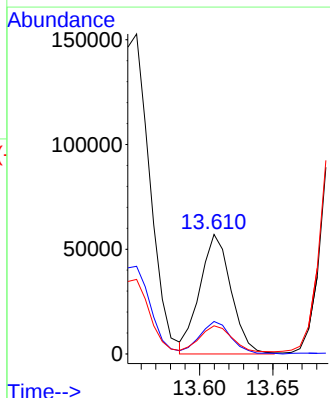
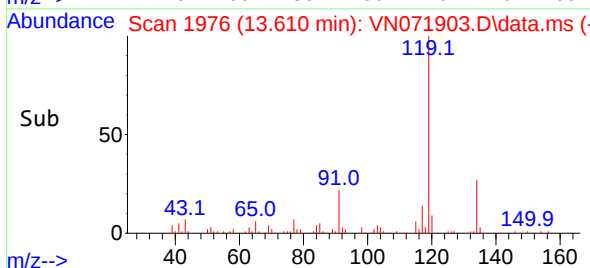
Reviewed By :John Carlone 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022

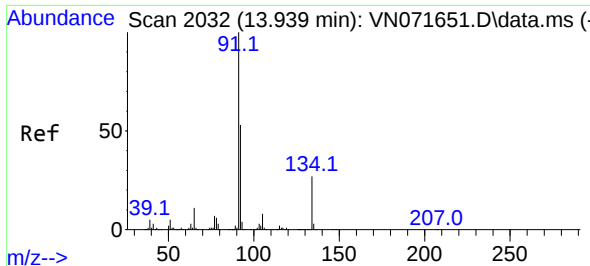


#86
 p-Isopropyltoluene
 Concen: 2.589 ug/l m
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071903.D
 Acq: 07 Apr 2022 14:38



Tgt Ion:119 Resp: 84933
 Ion Ratio Lower Upper
 119 100
 134 79.2 13.3 39.8#
 91 60.5 11.3 33.9#





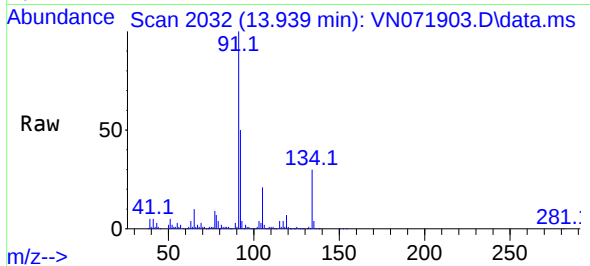
#89
n-Butylbenzene
Concen: 6.360 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-33604

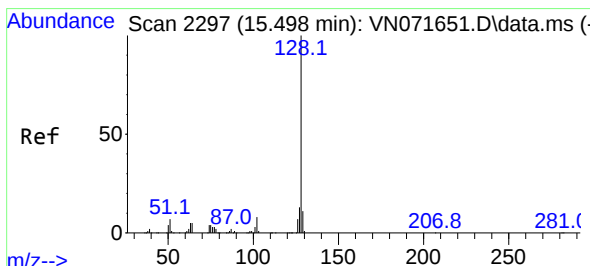
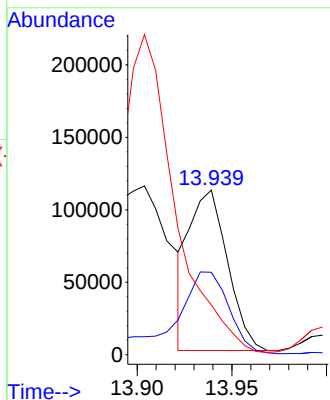
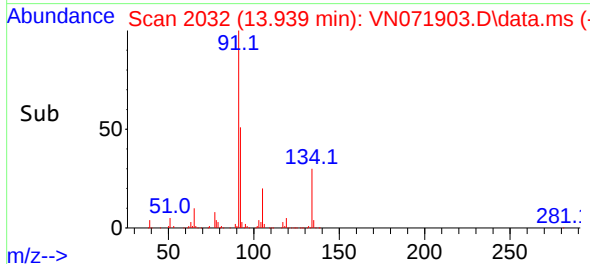


Tgt Ion: 91 Resp: 154730
Ion Ratio Lower Upper
91 100
92 64.8 26.9 80.7
134 0.0 13.6 40.8

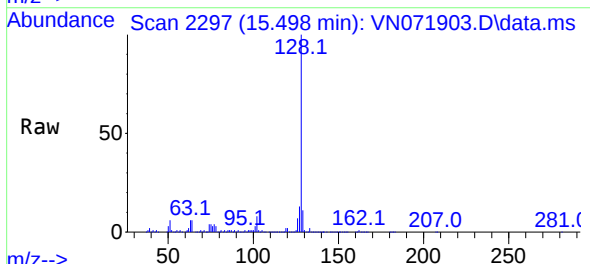
Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#95
Naphthalene
Concen: 62.214 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071903.D
Acq: 07 Apr 2022 14:38



Tgt Ion:128 Resp: 1496939
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

