

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071959.D
 Acq On : 12 Apr 2022 17:25
 Operator : JC\MD
 Sample : N2308-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 04:46:13 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

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	643446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1067729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1123697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	519095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	336059	45.749	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.500%		
35) Dibromofluoromethane	8.022	113	302959	48.219	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.440%		
50) Toluene-d8	10.439	98	1349779	52.516	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.040%		
62) 4-Bromofluorobenzene	12.727	95	523897	63.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	126.060%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	27801	23.321	ug/l #	72
16) Acetone	4.281	43	98298	31.312	ug/l #	78
22) Diisopropyl ether	6.498	45	22091	1.177	ug/l #	77
25) 2-Butanone	7.339	43	31304	6.917	ug/l	97
31) Cyclohexane	8.092	56	479280	47.977	ug/l	96
39) Methylcyclohexane	9.457	83	258523	24.753	ug/l	96
40) Benzene	8.457	78	8192836	295.594	ug/l	99
52) Toluene	10.504	92	1372126	78.316	ug/l	100
67) Ethyl Benzene	11.839	91	9195162	241.405	ug/l	97
68) m/p-Xylenes	11.951	106	8883114	606.970	ug/l	94
69) o-Xylene	12.274	106	1217905	83.841	ug/l	97
73) Isopropylbenzene	12.574	105	849441	19.419	ug/l	100
78) n-propylbenzene	12.915	91	1815806	39.463	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1304742	37.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	6371973	188.433	ug/l	99
85) sec-Butylbenzene	13.498	105	73701m	1.795	ug/l	
86) p-Isopropyltoluene	13.609	119	33065	1.010	ug/l #	76
89) n-Butylbenzene	13.933	91	64761	2.666	ug/l #	75
95) Naphthalene	15.498	128	1541635	64.060	ug/l	100

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

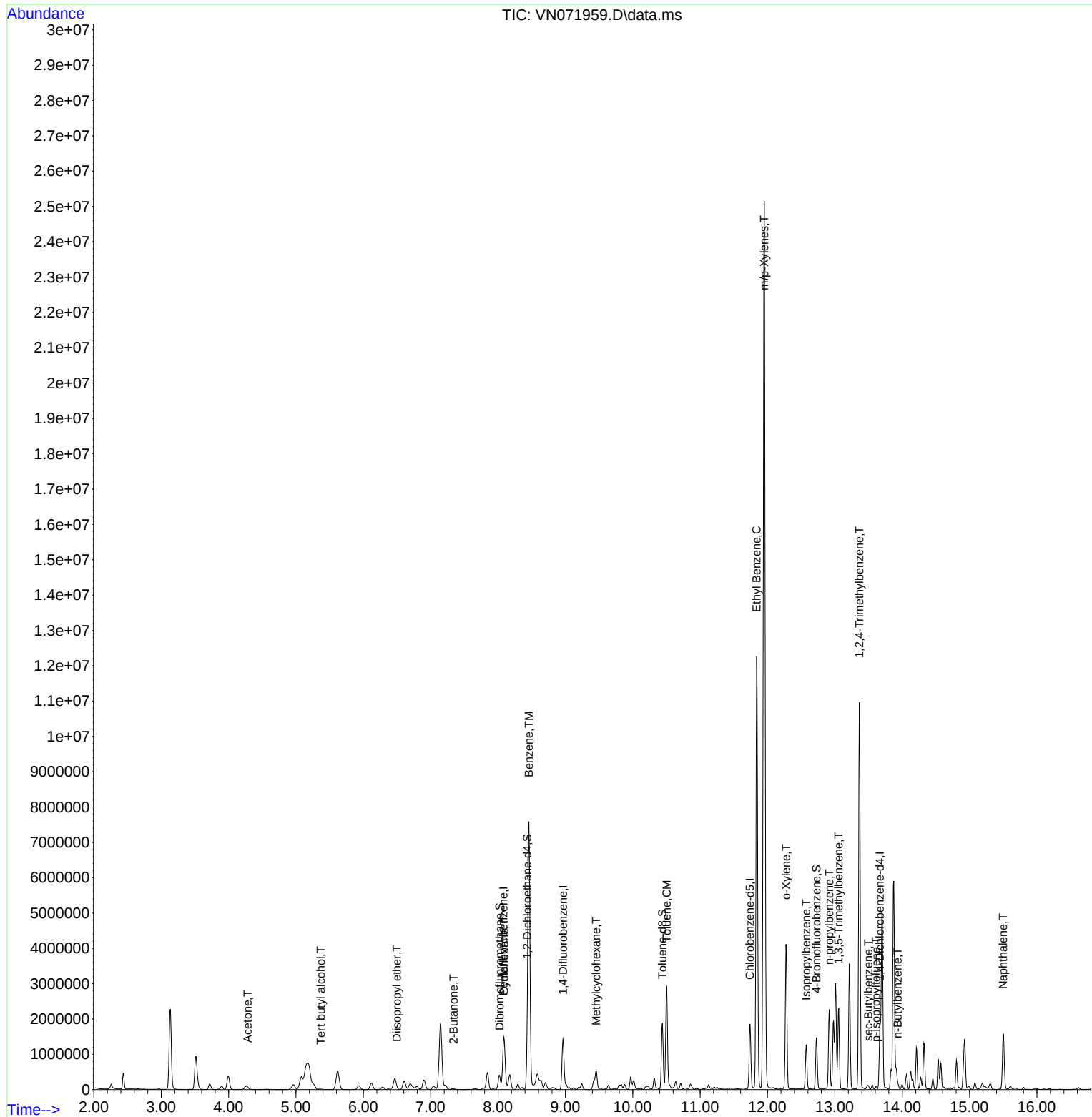
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
Data File : VN071959.D
Acq On : 12 Apr 2022 17:25
Operator : JC\MD
Sample : N2308-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

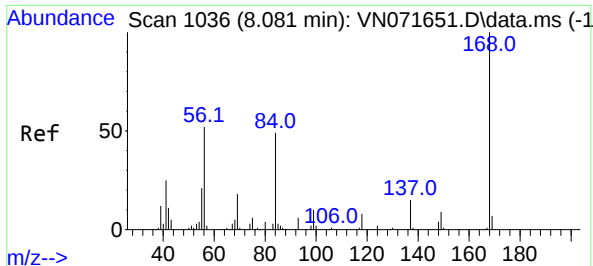
Instrument :
MSVOA_N
ClientSampleId :
INF0422

Quant Time: Apr 13 04:46:13 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

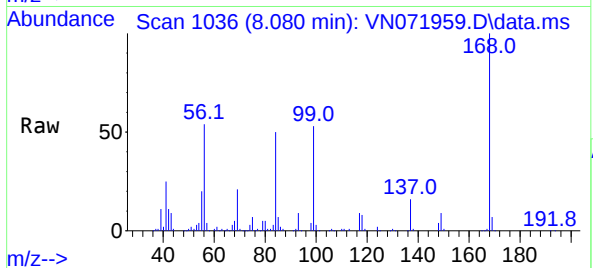
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

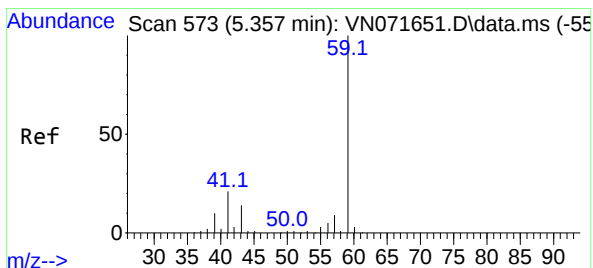
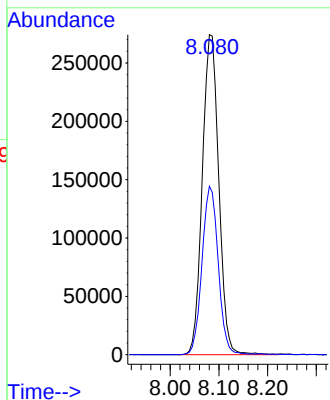
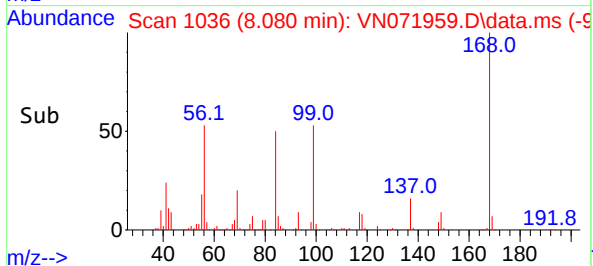
Instrument :
MSVOA_N
ClientSampleId :
INF0422



Tgt Ion:168 Resp: 643440
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5

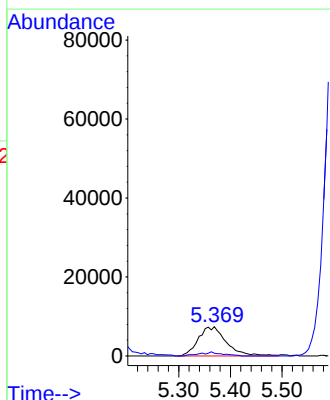
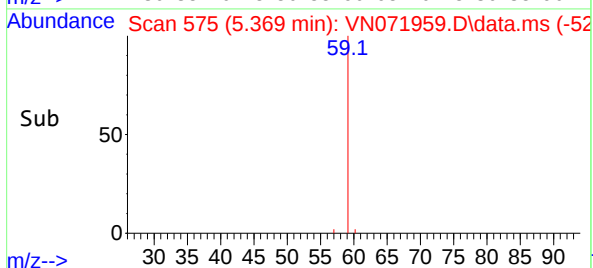
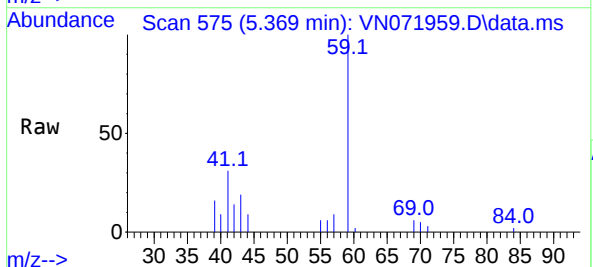
Manual Integrations
APPROVED

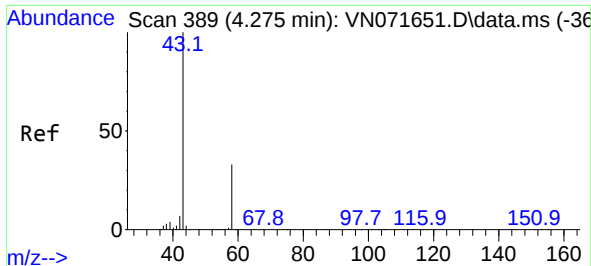
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#11
Tert butyl alcohol
Concen: 23.321 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

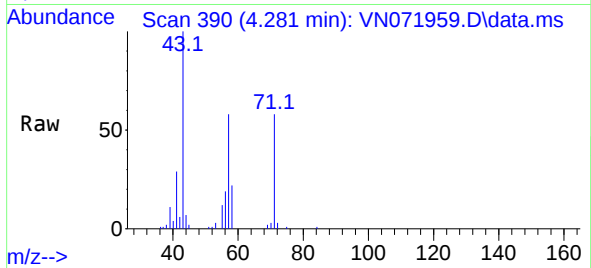
Tgt Ion: 59 Resp: 27801
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 31.312 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

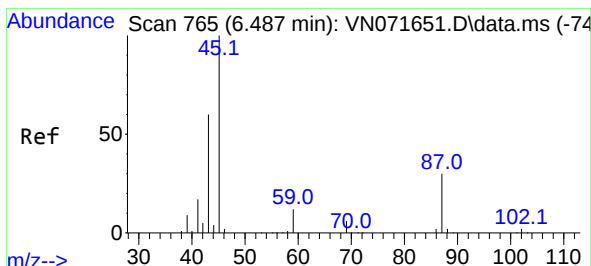
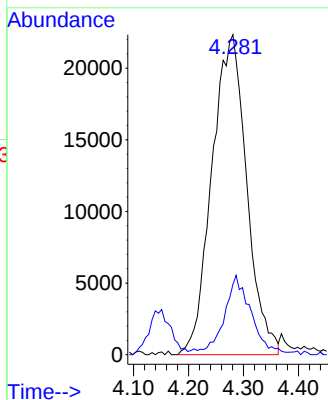
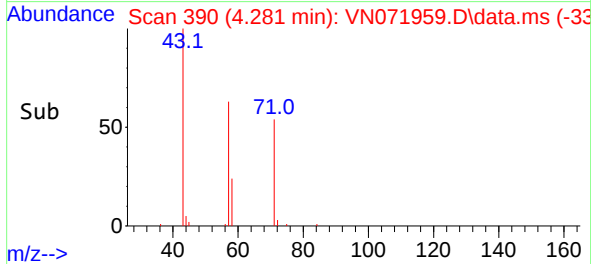
Instrument :
MSVOA_N
ClientSampleId :
INF0422



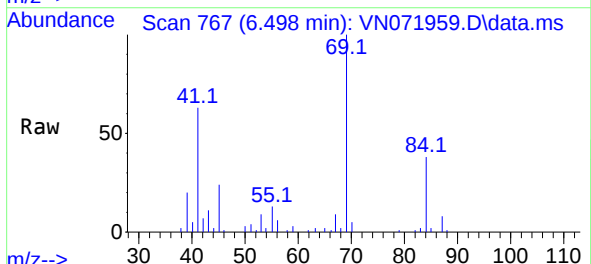
Tgt Ion: 43 Resp: 98298
Ion Ratio Lower Upper
43 100
58 20.0 26.0 39.0

Manual Integrations
APPROVED

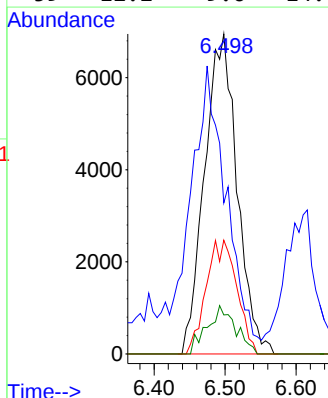
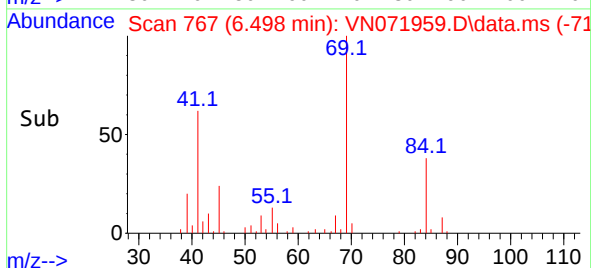
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

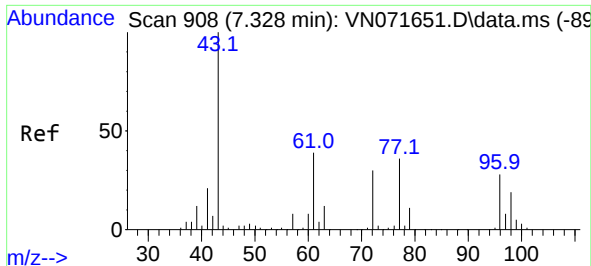


#22
Diisopropyl ether
Concen: 1.177 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



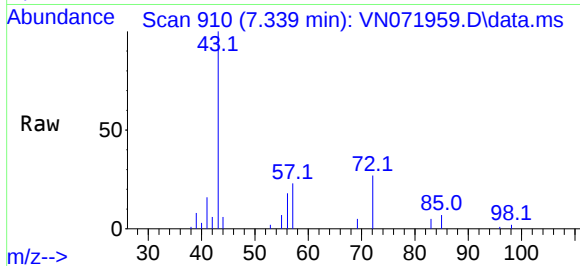
Tgt Ion: 45 Resp: 22091
Ion Ratio Lower Upper
45 100
43 32.4 46.6 70.0#
87 35.5 24.3 36.5
59 12.2 9.6 14.4





#25
2-Butanone
Concen: 6.917 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

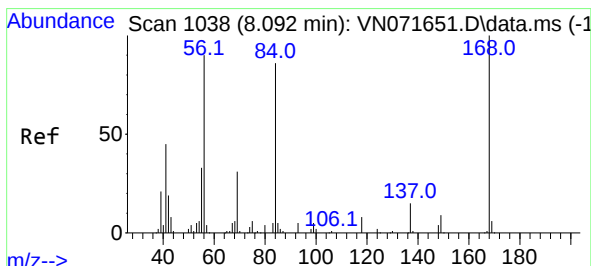
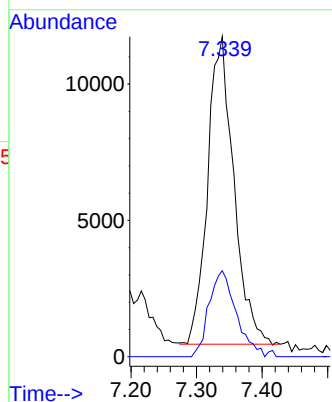
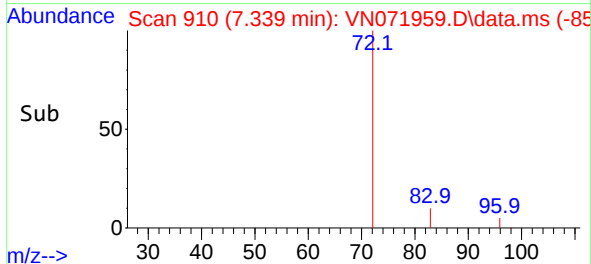
Instrument :
MSVOA_N
ClientSampleId :
INF0422



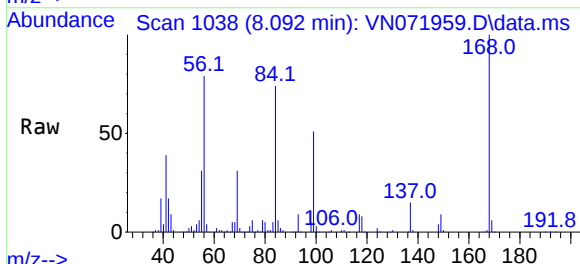
Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
72 27.9 23.7 35.5

Manual Integrations
APPROVED

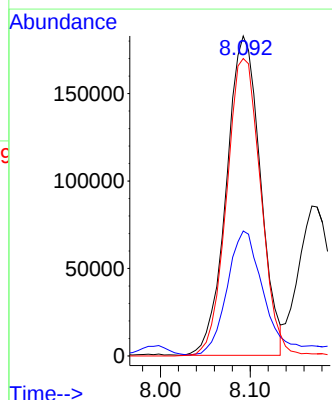
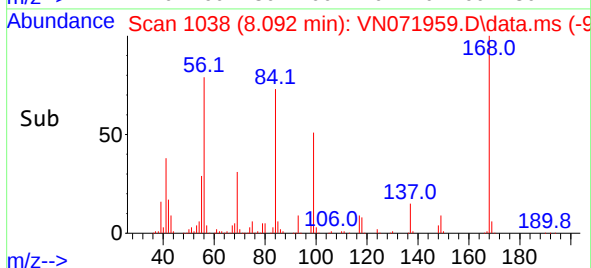
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

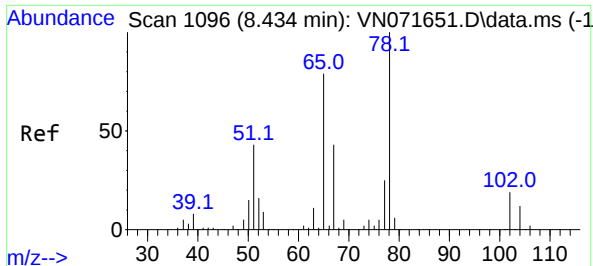


#31
Cyclohexane
Concen: 47.977 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



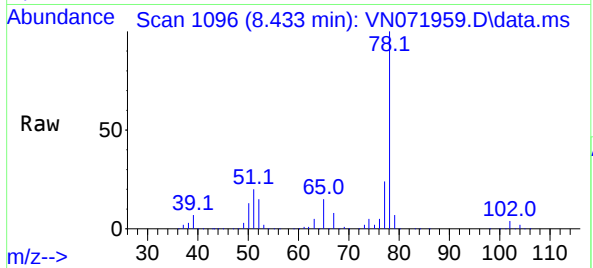
Tgt Ion: 56 Resp: 479280
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.8
84 93.0 76.9 115.3





#33
1,2-Dichloroethane-d4
Concen: 45.749 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

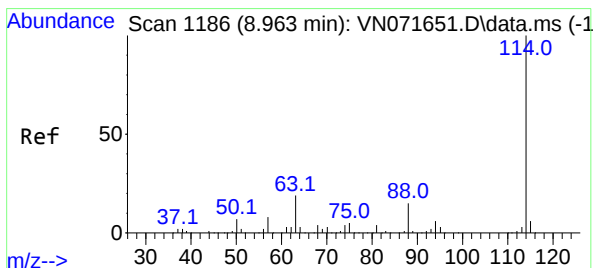
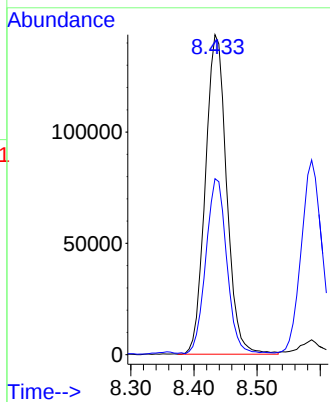
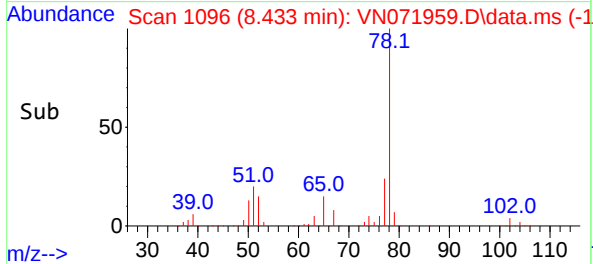
Instrument :
MSVOA_N
ClientSampleId :
INF0422



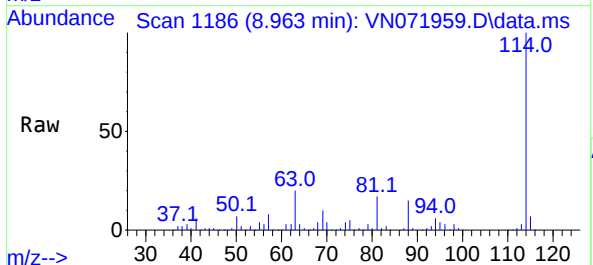
Tgt Ion: 65 Resp: 336059
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

Manual Integrations
APPROVED

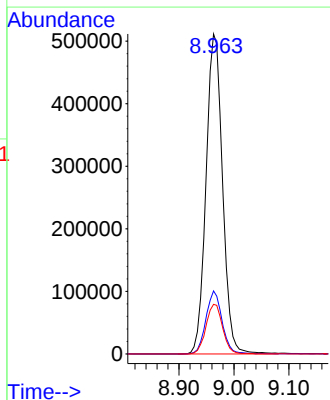
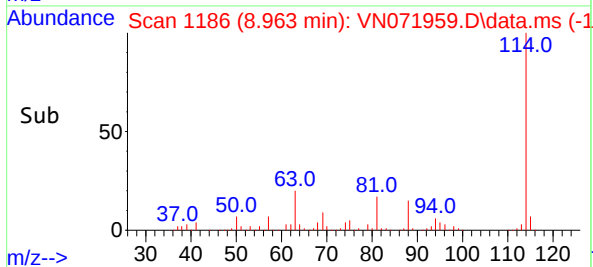
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

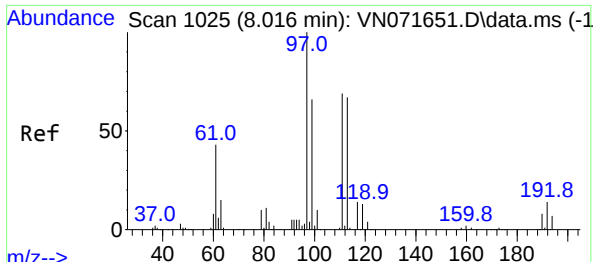


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



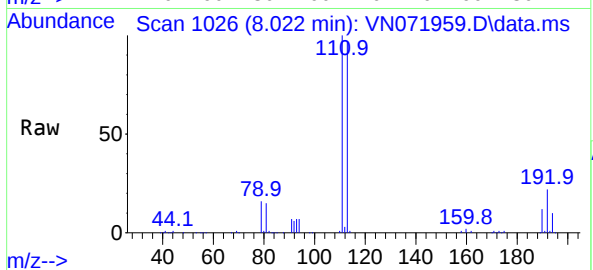
Tgt Ion:114 Resp: 1067729
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 8.022 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

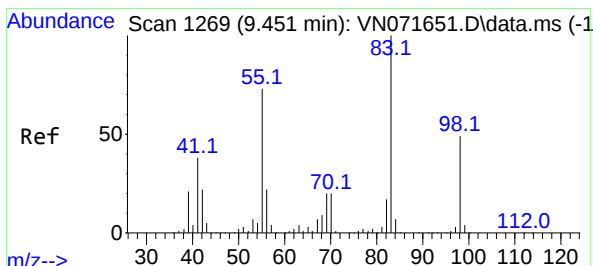
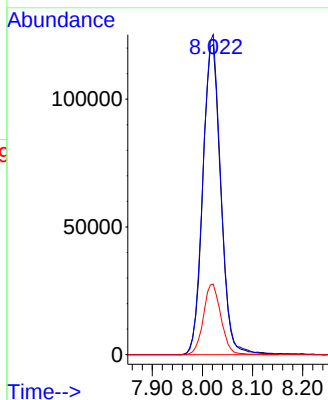
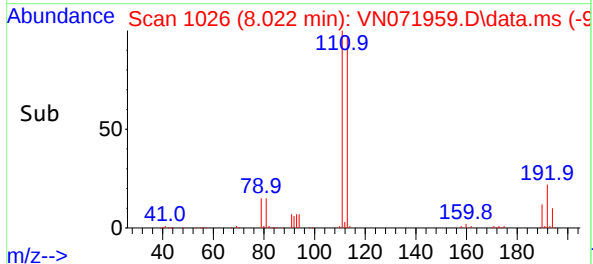
Instrument :
MSVOA_N
ClientSampleId :
INF0422



Tgt Ion: 113 Resp: 302959
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 22.1 17.0 25.6

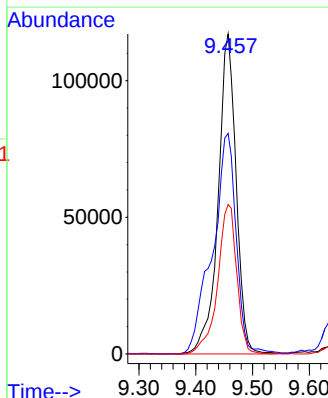
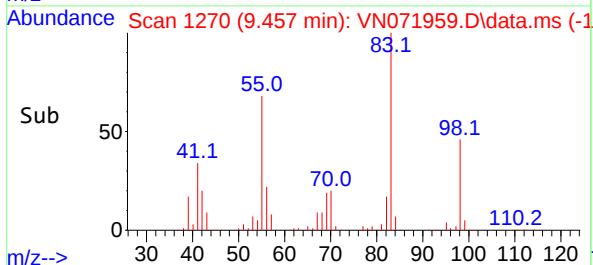
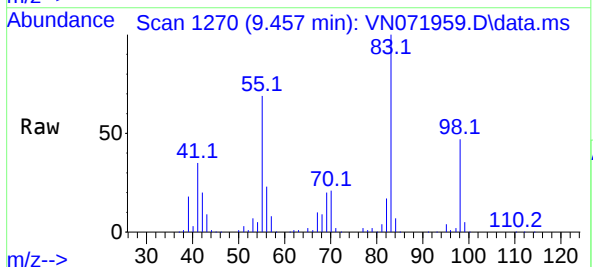
Manual Integrations
APPROVED

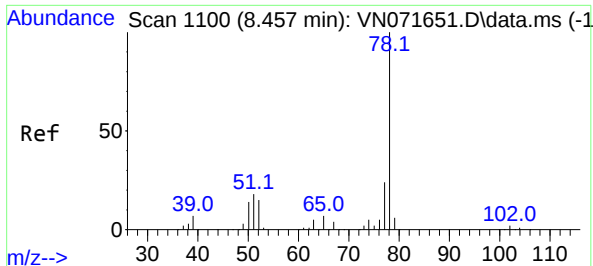
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#39
Methylcyclohexane
Concen: 24.753 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 83 Resp: 258523
Ion Ratio Lower Upper
83 100
55 68.9 57.8 86.8
98 46.7 39.4 59.2





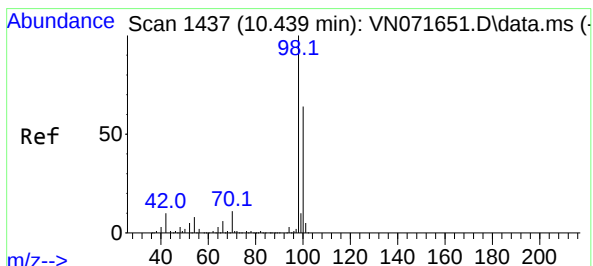
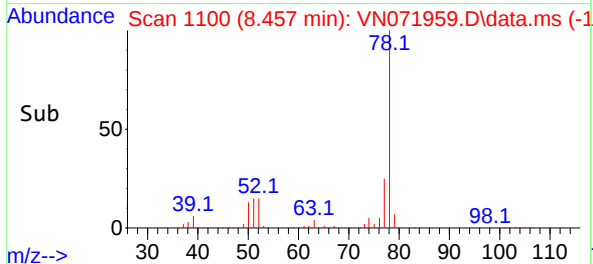
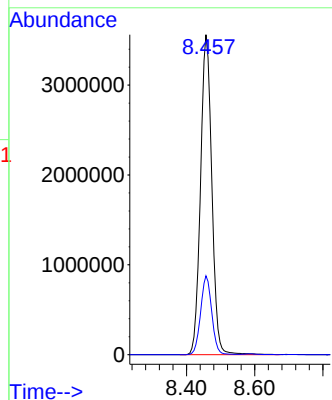
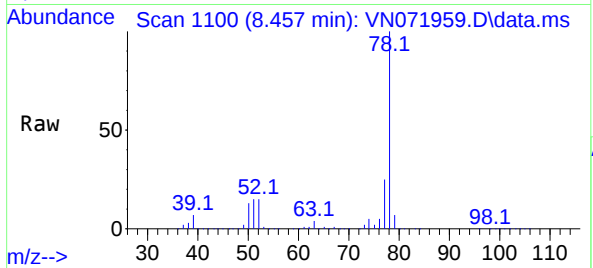
#40
Benzene
Concen: 295.594 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Instrument :
MSVOA_N
ClientSampleId :
INF0422

Tgt Ion: 78 Resp: 8192830
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

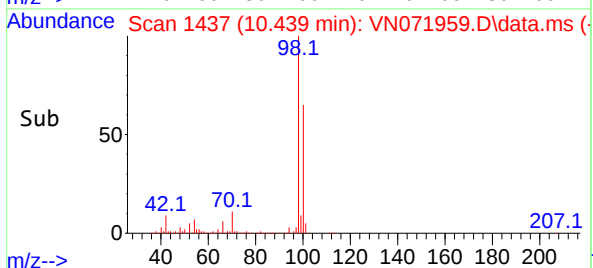
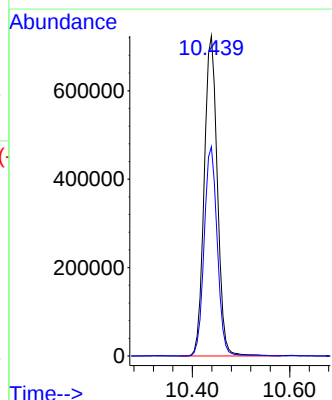
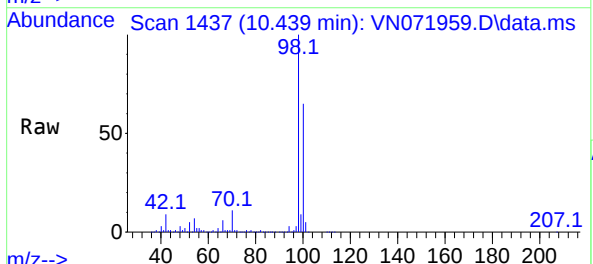
Manual Integrations
APPROVED

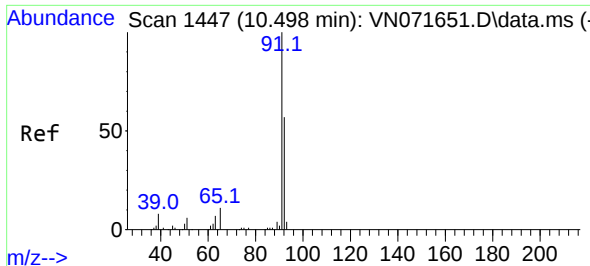
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

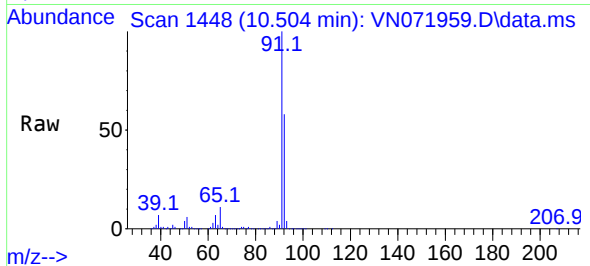
Tgt Ion: 98 Resp: 1349779
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#52
Toluene
Concen: 78.316 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

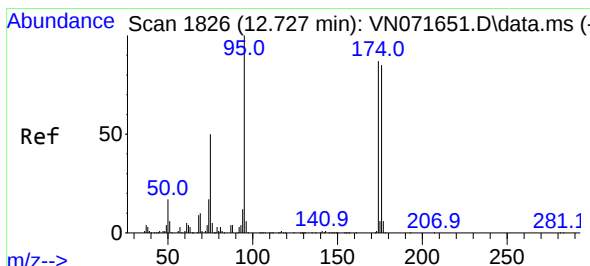
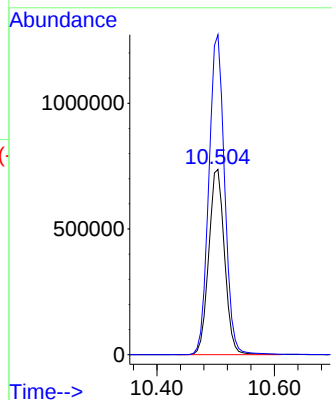
Instrument :
MSVOA_N
ClientSampleId :
INF0422



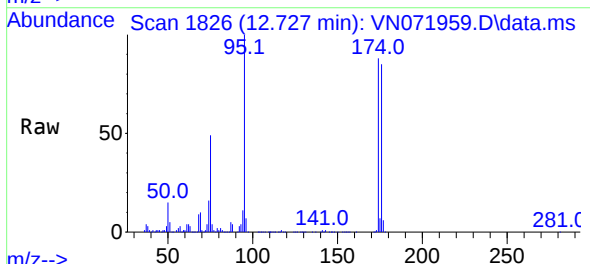
Tgt Ion: 92 Resp: 1372120
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

Manual Integrations
APPROVED

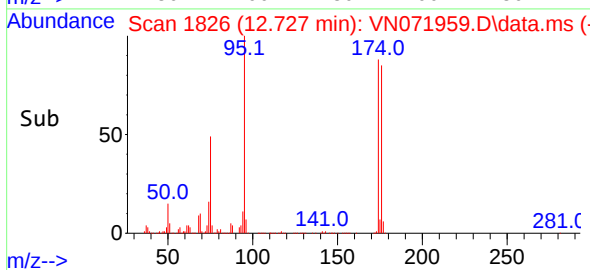
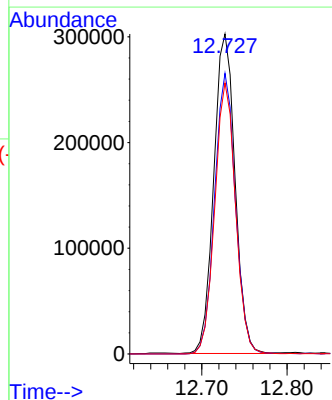
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

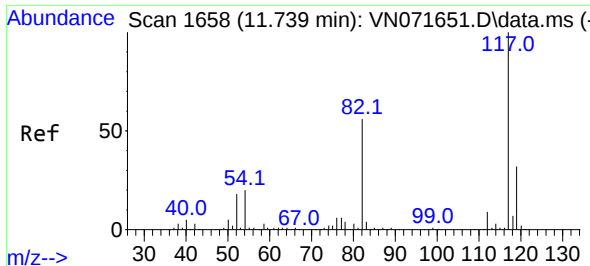


#62
4-Bromofluorobenzene
Concen: 63.025 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



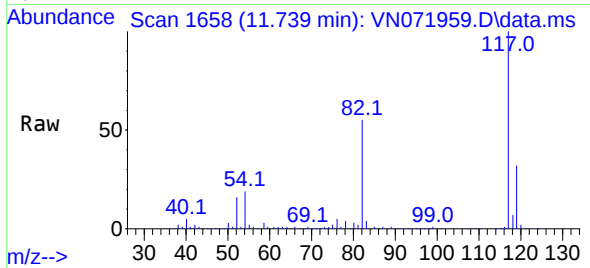
Tgt Ion: 95 Resp: 523897
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 82.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

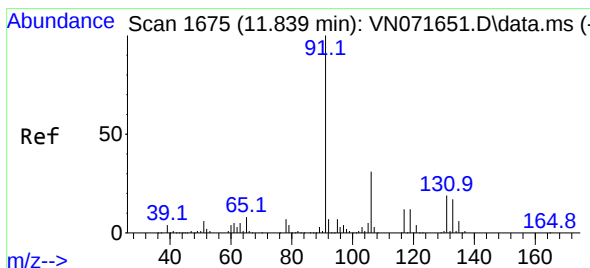
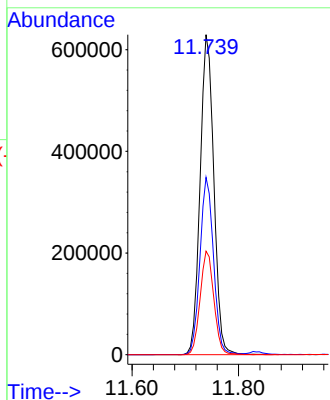
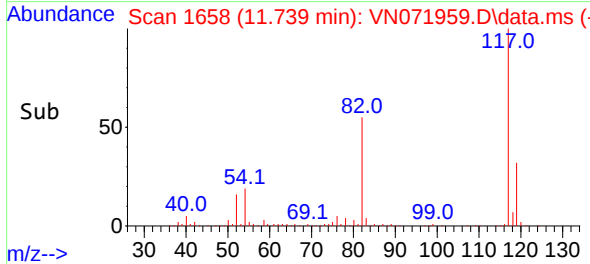
Instrument :
MSVOA_N
ClientSampleId :
INF0422



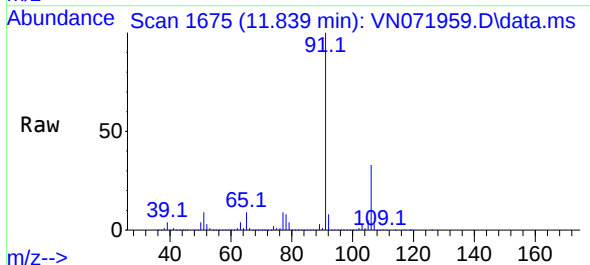
Tgt Ion: 117 Resp: 112369
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

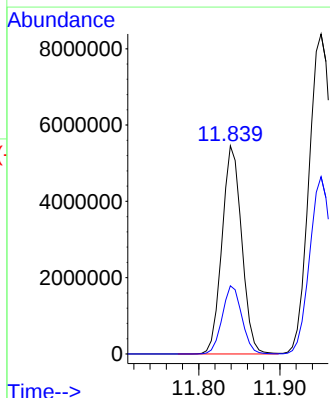
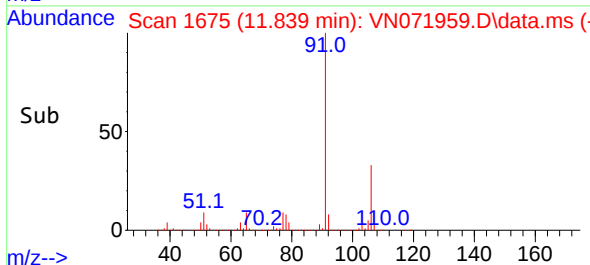
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

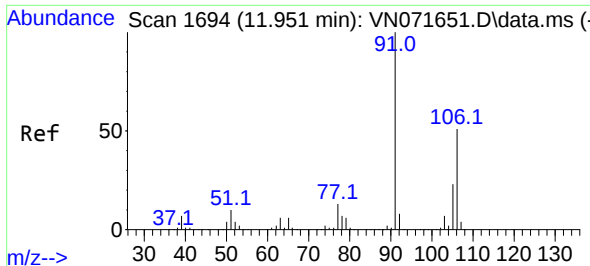


#67
Ethyl Benzene
Concen: 241.405 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



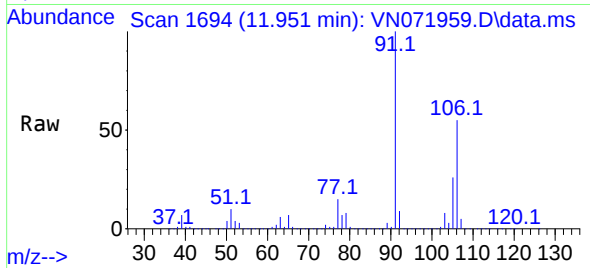
Tgt Ion: 91 Resp: 9195162
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3





#68
m/p-Xylenes
Concen: 606.970 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

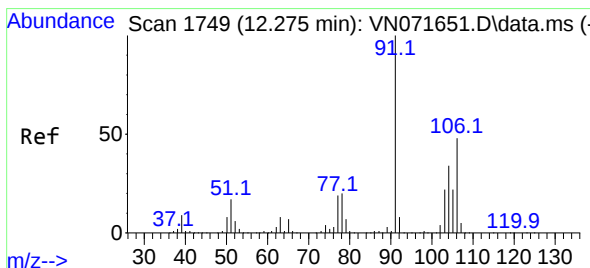
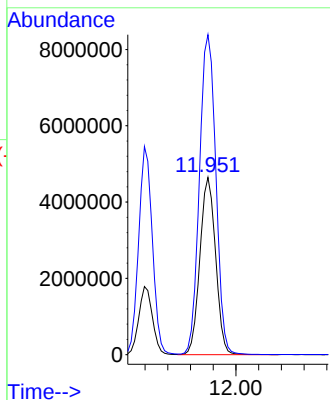
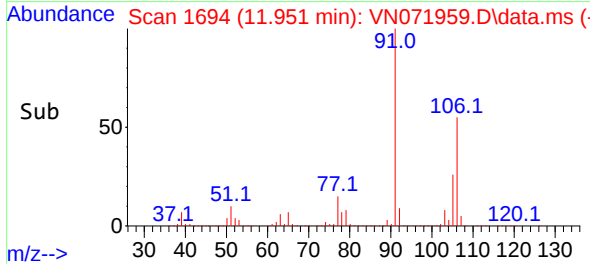
Instrument :
MSVOA_N
ClientSampleId :
INF0422



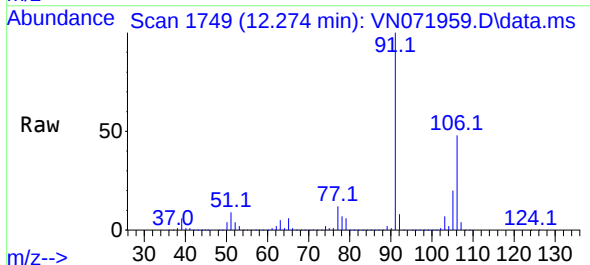
Tgt Ion:106 Resp: 8883114
Ion Ratio Lower Upper
106 100
91 189.1 158.9 238.3

Manual Integrations
APPROVED

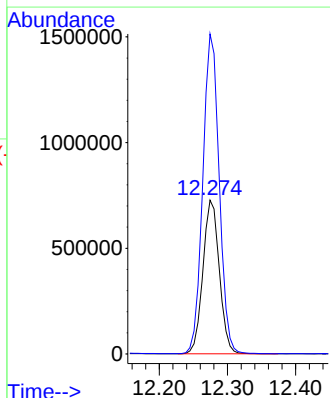
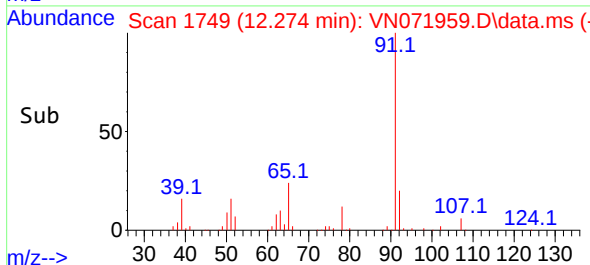
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

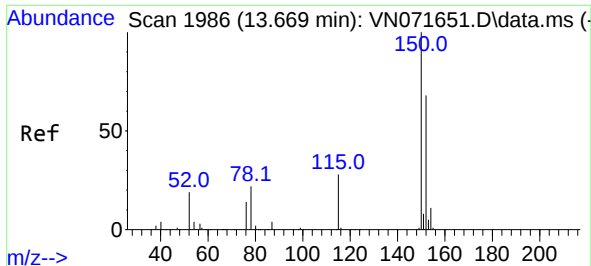


#69
o-Xylene
Concen: 83.841 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



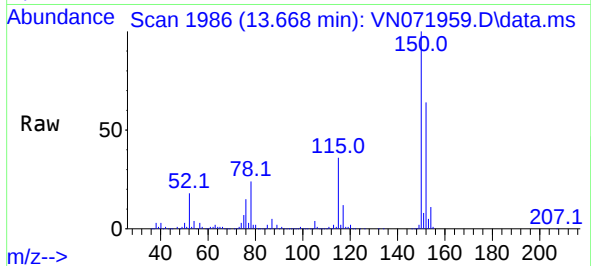
Tgt Ion:106 Resp: 1217905
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

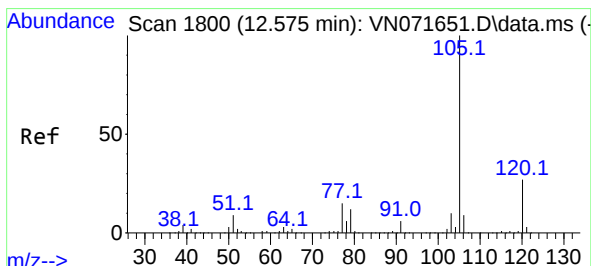
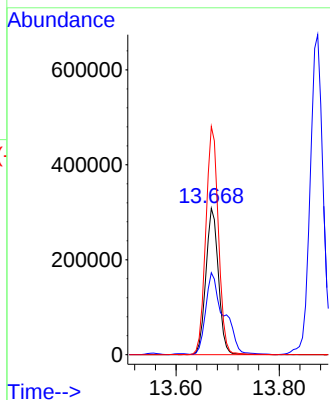
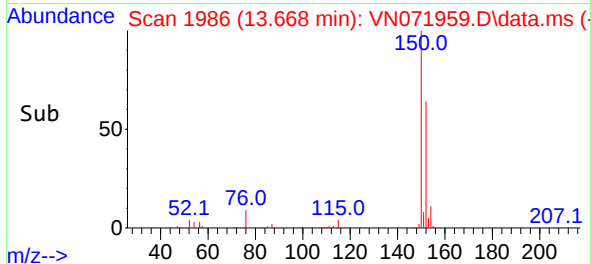
Instrument :
MSVOA_N
ClientSampleId :
INF0422



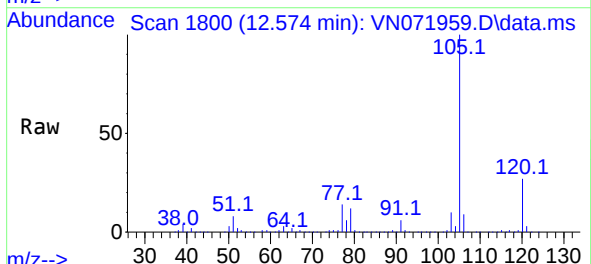
Tgt Ion:152 Resp: 51909
Ion Ratio Lower Upper
152 100
115 80.6 28.9 86.7
150 156.7 0.0 356.2

Manual Integrations
APPROVED

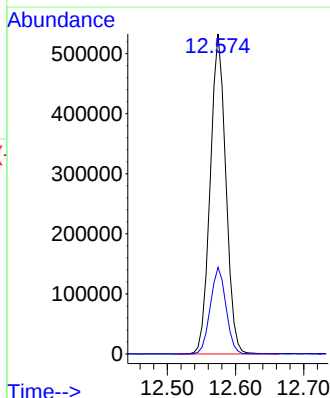
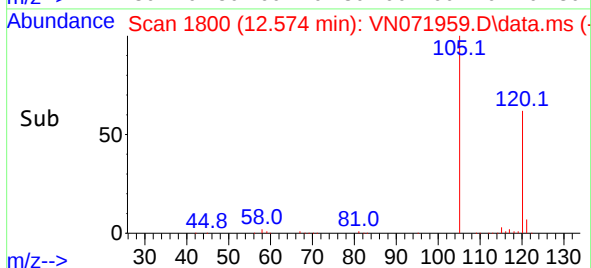
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

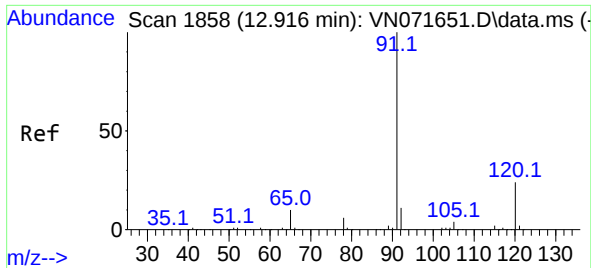


#73
Isopropylbenzene
Concen: 19.419 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



Tgt Ion:105 Resp: 849441
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4





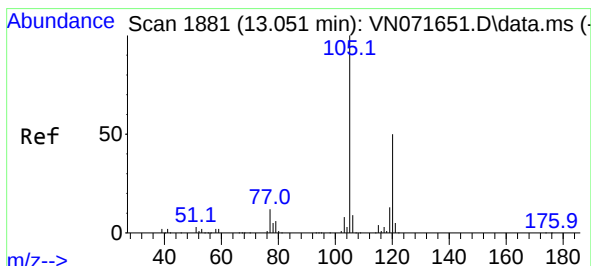
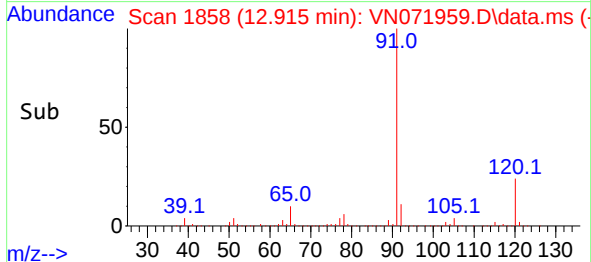
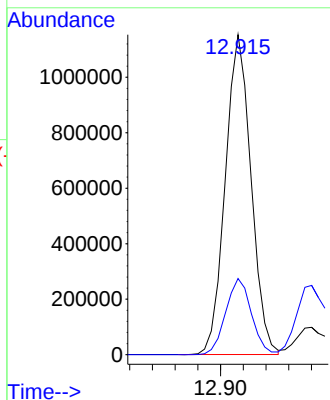
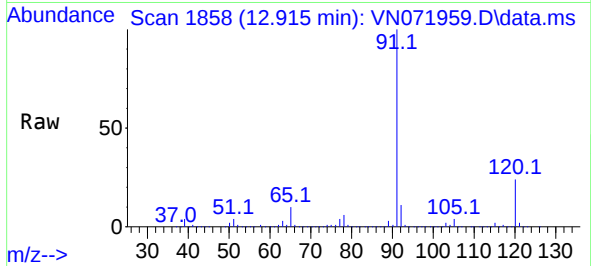
#78
n-propylbenzene
Concen: 39.463 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Instrument :
MSVOA_N
ClientSampleId :
INF0422

Tgt Ion: 91 Resp: 1815800
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

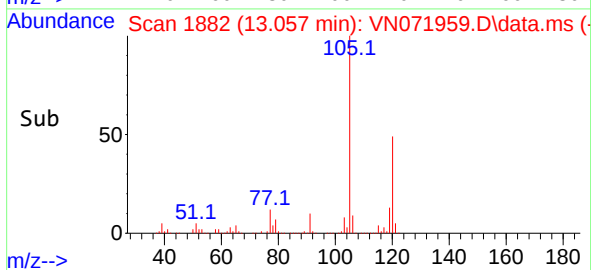
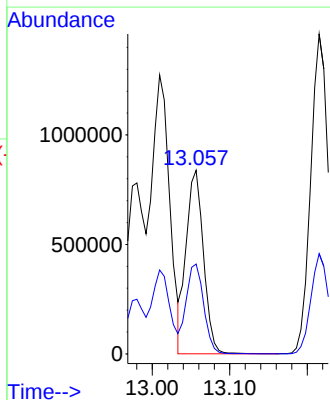
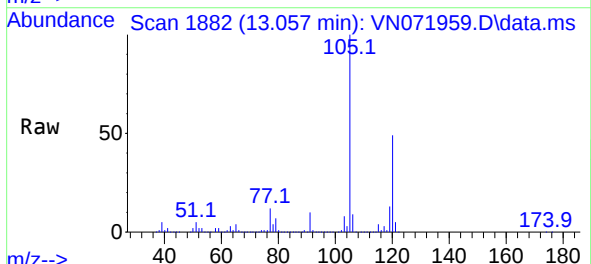
Manual Integrations
APPROVED

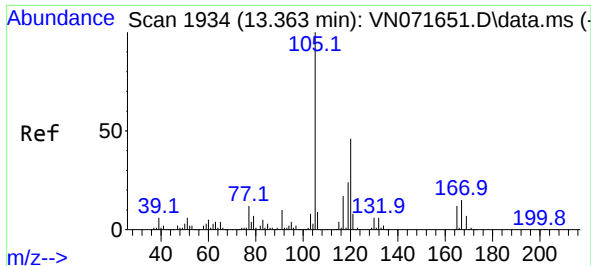
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 37.646 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

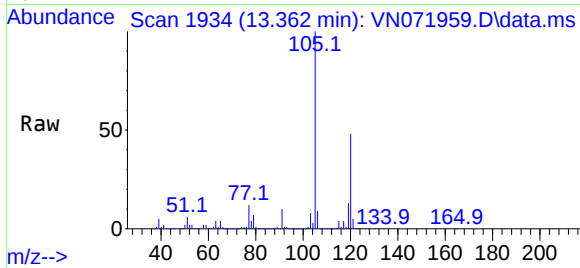
Tgt Ion:105 Resp: 1304742
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 188.433 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

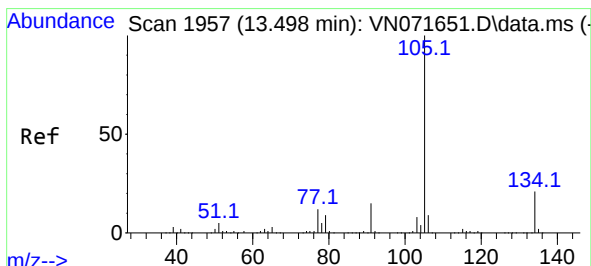
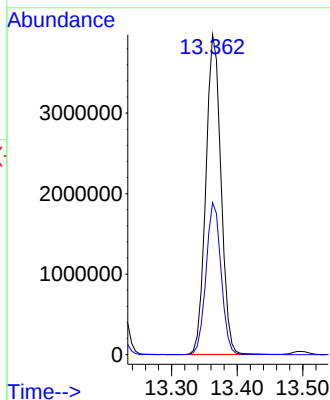
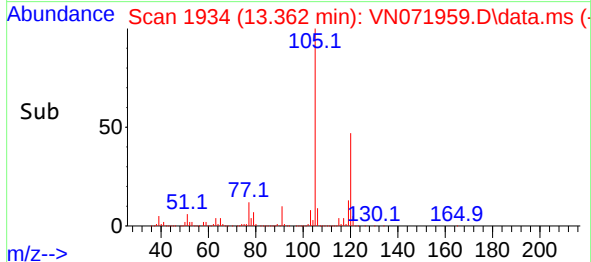
Instrument :
MSVOA_N
ClientSampleId :
INF0422



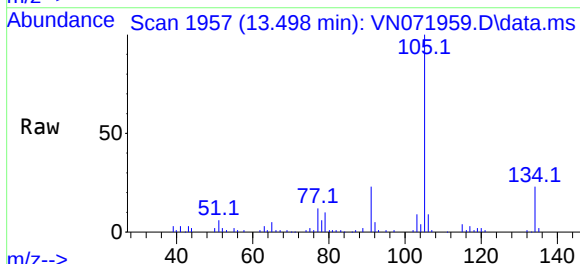
Tgt Ion:105 Resp: 637197
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8

Manual Integrations
APPROVED

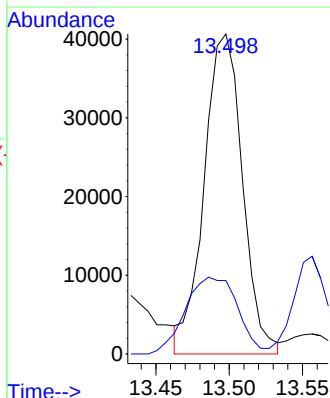
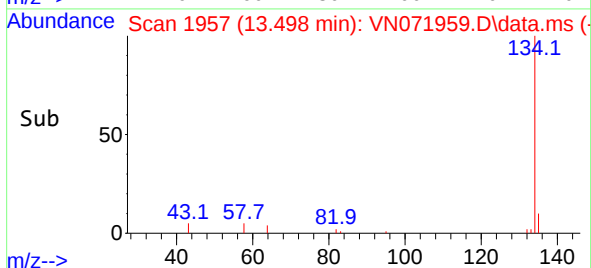
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

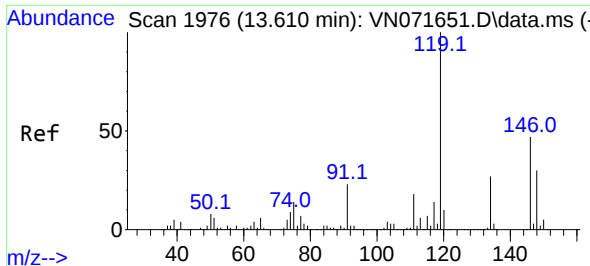


#85
sec-Butylbenzene
Concen: 1.795 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25



Tgt Ion:105 Resp: 73701
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





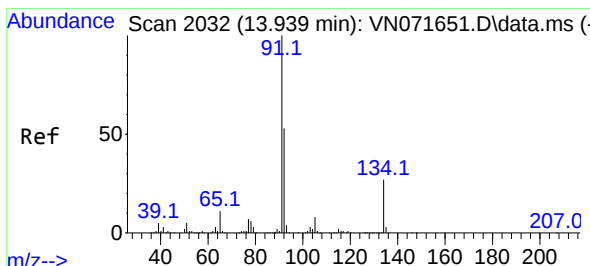
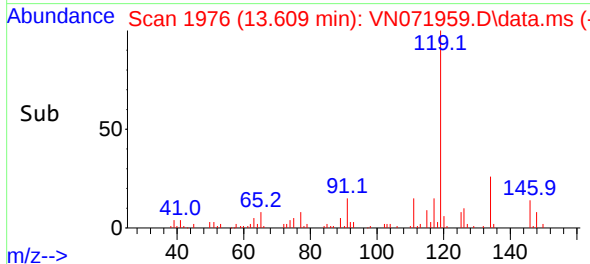
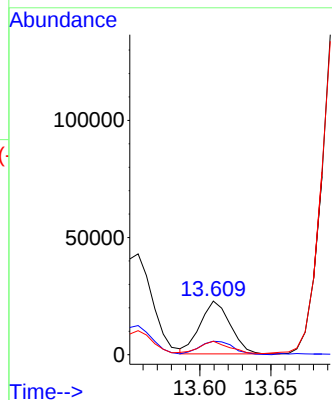
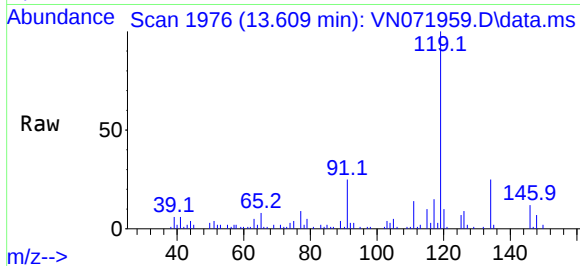
#86
p-Isopropyltoluene
Concen: 1.010 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Instrument :
MSVOA_N
ClientSampleId :
INF0422

Tgt Ion:119 Resp: 33061
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 0.0 11.3 33.9

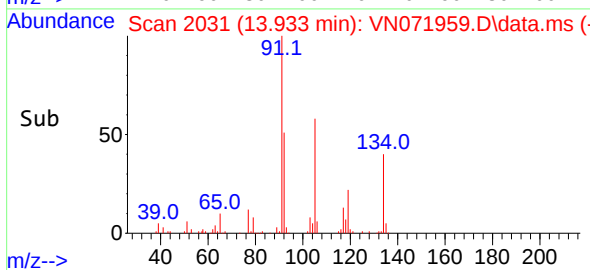
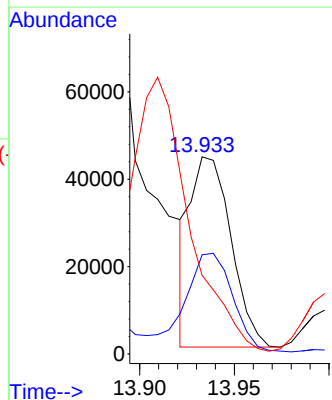
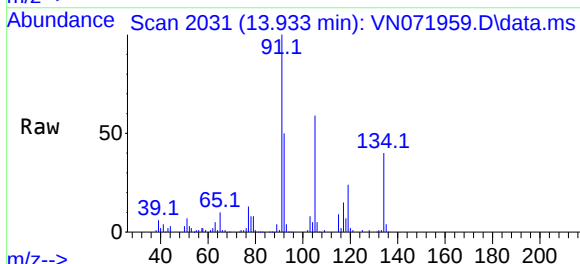
Manual Integrations
APPROVED

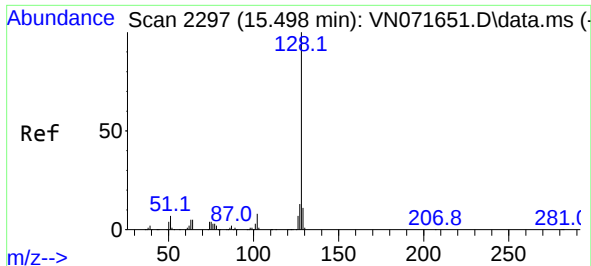
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#89
n-Butylbenzene
Concen: 2.666 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

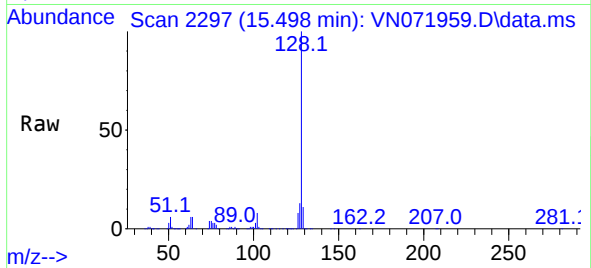
Tgt Ion: 91 Resp: 64761
Ion Ratio Lower Upper
91 100
92 61.9 26.9 80.7
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 64.060 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Instrument :
MSVOA_N
ClientSampleId :
INF0422



Tgt Ion:128 Resp: 1541638
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

