

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071916.D
 Acq On : 08 Apr 2022 15:43
 Operator : JC\MD
 Sample : N2299-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(APR)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	84357	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	451662	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	401602	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	169750	28.561	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.200%		
60) 4-Bromofluorobenzene	12.727	95	152323	25.580	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.267%		
63) Toluene-d8	10.439	98	539059	29.569	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.567%		
Target Compounds						Qvalue
12) Methyl Acetate	4.863	43	9627m	1.398	ug/l	
15) Acetone	4.281	58	448458	499.561	ug/l	75
16) Carbon Disulfide	4.540	76	47749	3.753	ug/l	98
30) 2-Butanone	7.333	43	57151	14.044	ug/l	96
58) 4-Methyl-2-Pentanone	10.327	43	31567	4.141	ug/l	97
62) Toluene	10.498	91	19667	0.808	ug/l	97
66) Ethyl Benzene	11.839	91	9314	0.352	ug/l #	87
67) m/p-Xylenes	11.945	106	11320	1.100	ug/l	88
68) o-Xylene	12.274	106	5841	0.571	ug/l	95
76) 1,3,5-Trimethylbenzene	13.051	105	6198	0.301	ug/l	95
80) 1,2,4-Trimethylbenzene	13.363	105	19402	0.971	ug/l #	83
91) Naphthalene	15.504	128	4278	7.119	ug/l #	94

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

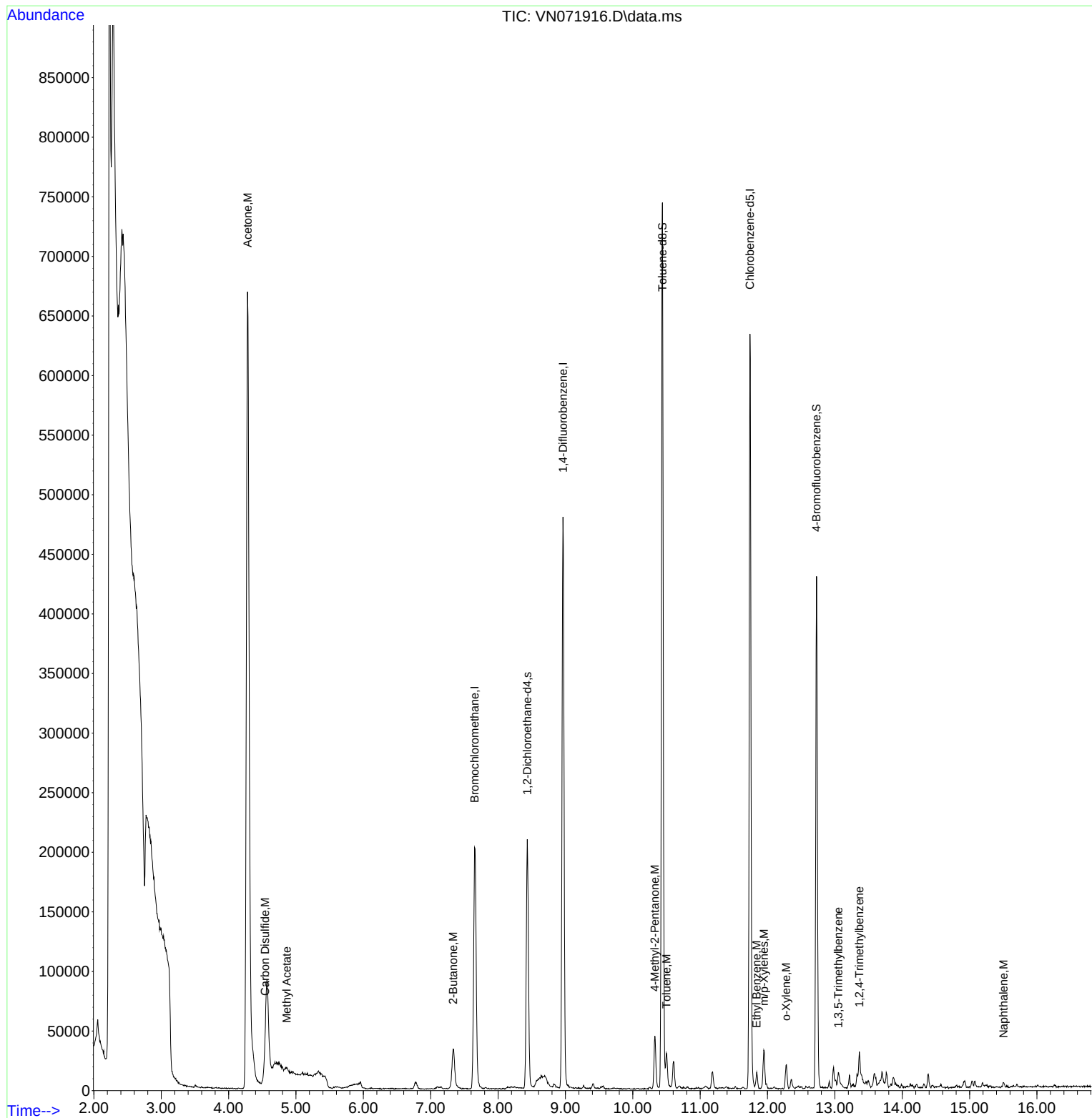
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071916.D
Acq On : 08 Apr 2022 15:43
Operator : JC\MD
Sample : N2299-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

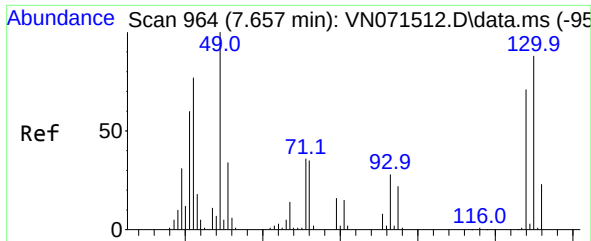
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002-35TH-AVE(APR)

Quant Time: Apr 09 05:21:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
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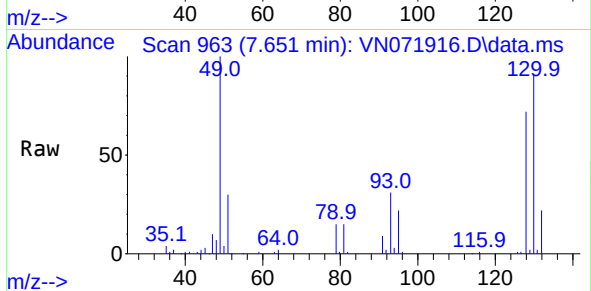
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

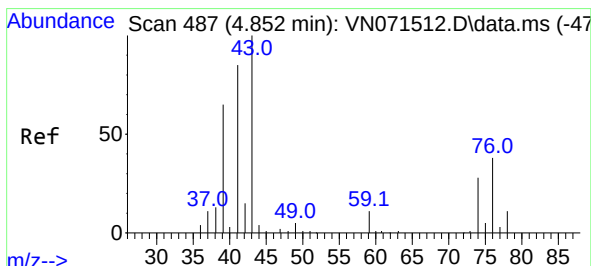
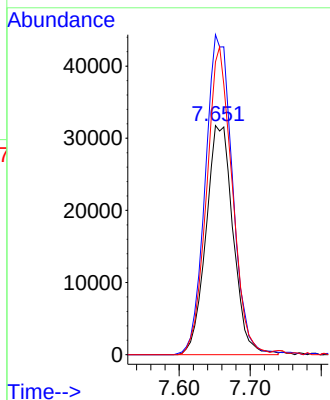
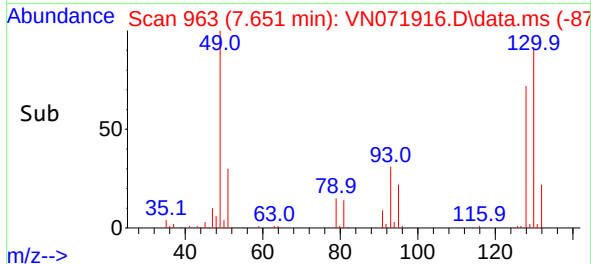
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(APR)



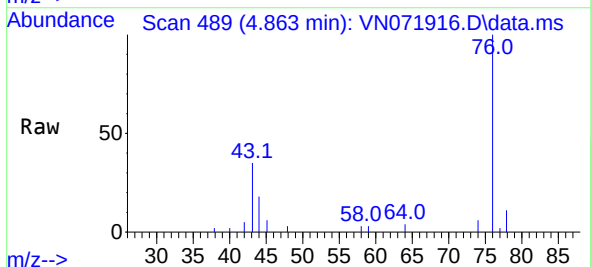
Tgt Ion:128 Resp: 8435
Ion Ratio Lower Upper
128 100
49 138.9 0.0 392.3
130 126.3 0.0 320.2

Manual Integrations
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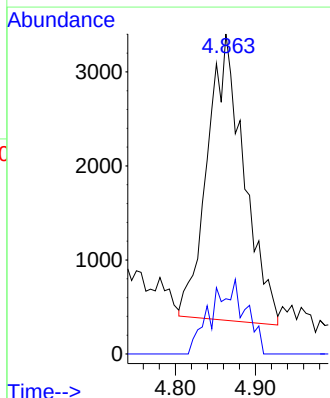
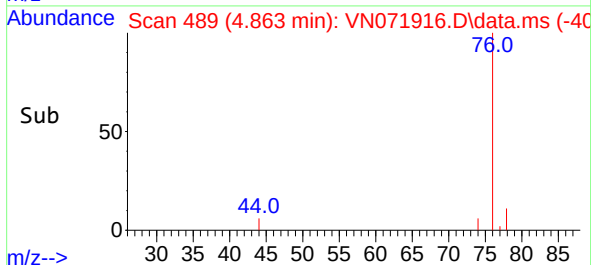
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

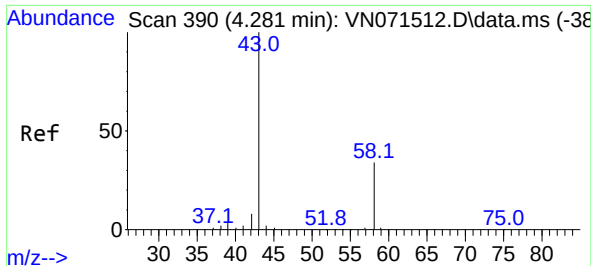


#12
Methyl Acetate
Concen: 1.398 ug/l m
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



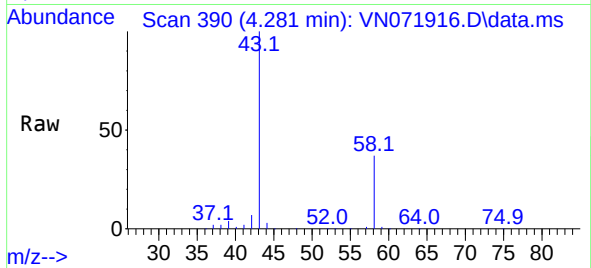
Tgt Ion: 43 Resp: 9627
Ion Ratio Lower Upper
43 100
74 17.3 20.8 31.2#





#15
Acetone
Concen: 499.561 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

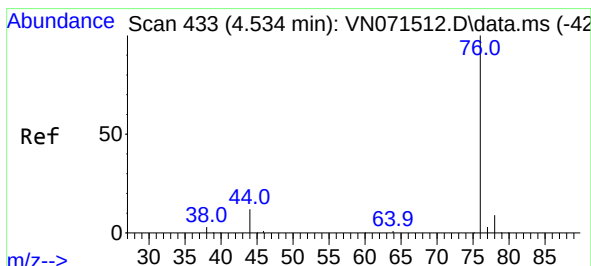
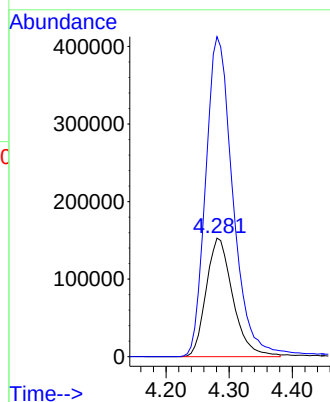
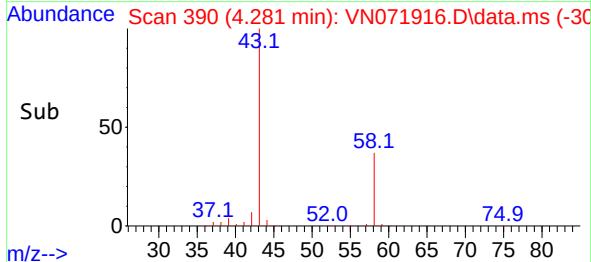
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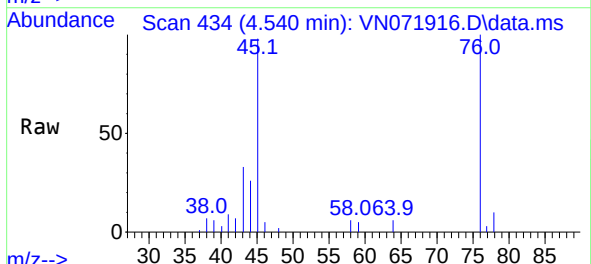
Tgt Ion: 58 Resp: 448458
Ion Ratio Lower Upper
58 100
43 269.6 256.6 384.8

Manual Integrations
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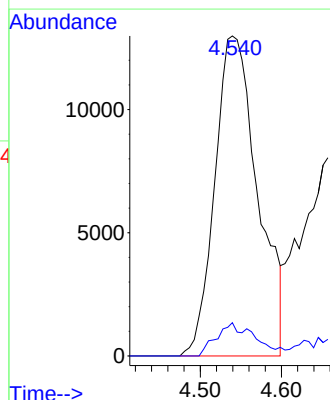
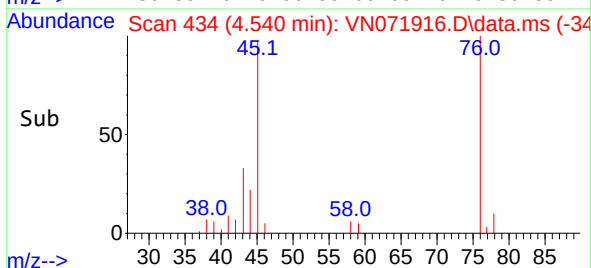
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

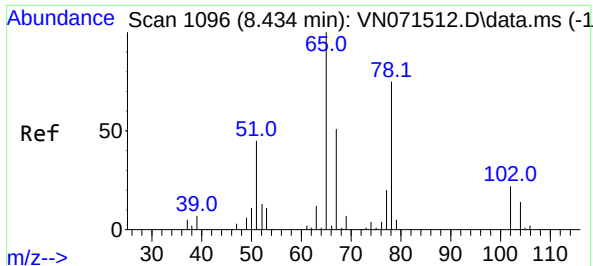


#16
Carbon Disulfide
Concen: 3.753 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



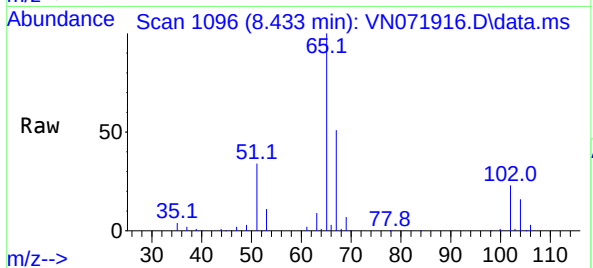
Tgt Ion: 76 Resp: 47749
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8





#27
1,2-Dichloroethane-d4
Concen: 28.561 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

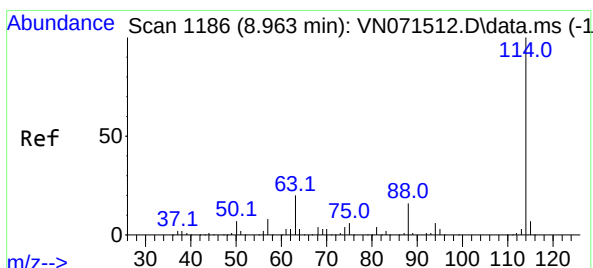
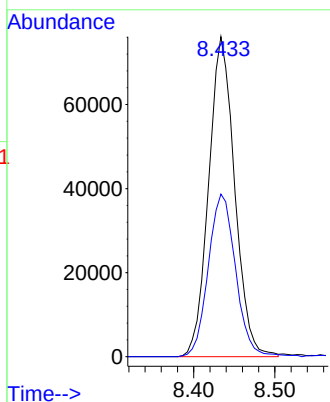
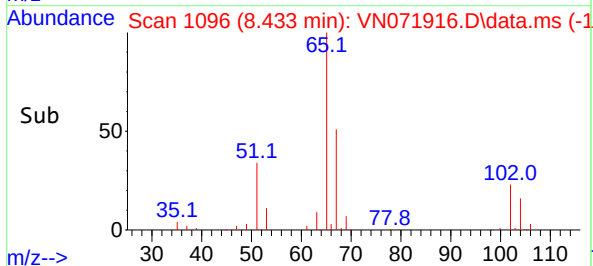
Instrument :
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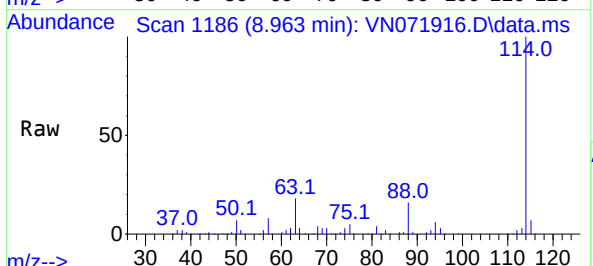
Tgt Ion: 65 Resp: 169750
Ion Ratio Lower Upper
65 100
67 53.3 40.2 60.2

Manual Integrations
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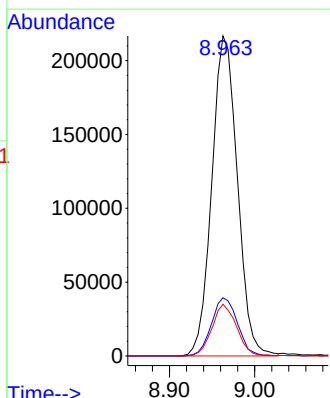
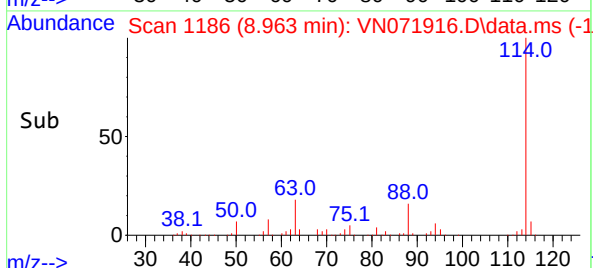
Reviewed By :John Carlone 04/11/2022
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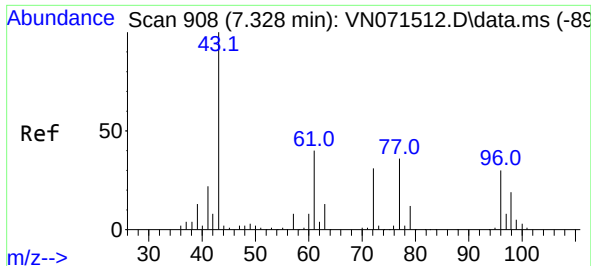


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



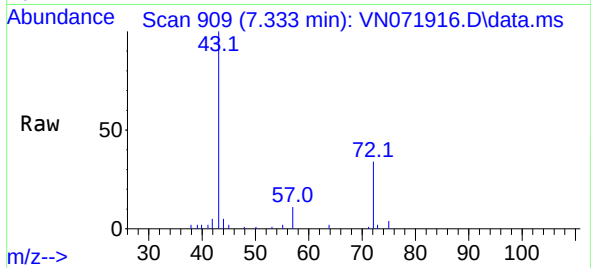
Tgt Ion:114 Resp: 451662
Ion Ratio Lower Upper
114 100
63 18.6 15.8 23.6
88 15.5 11.6 17.4





#30
2-Butanone
Concen: 14.044 ug/l
RT: 7.333 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

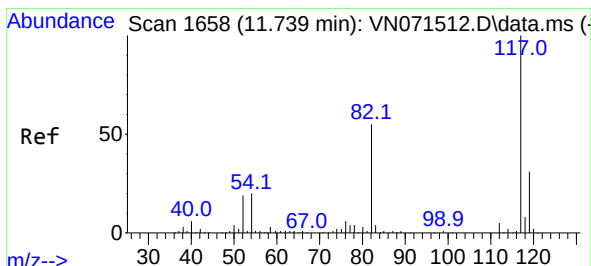
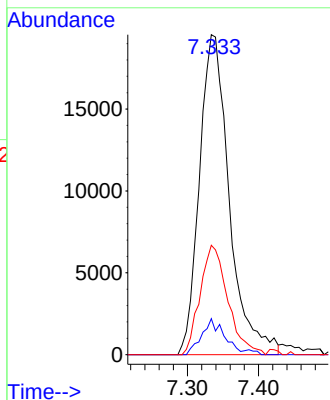
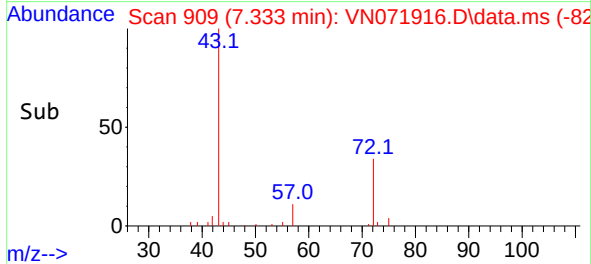
Instrument :
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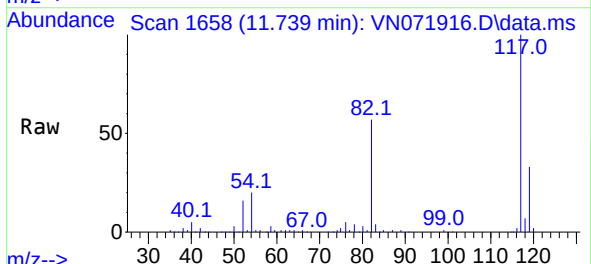
Tgt Ion: 43 Resp: 5715
Ion Ratio Lower Upper
43 100
57 8.4 6.7 10.1
72 31.7 23.2 34.8

Manual Integrations
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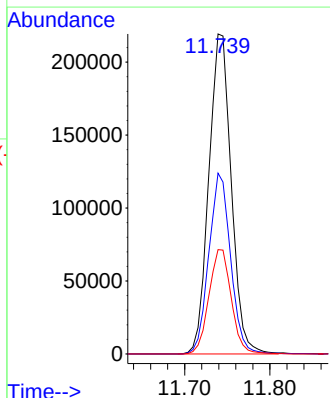
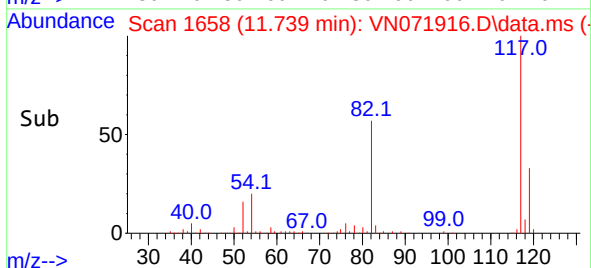
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

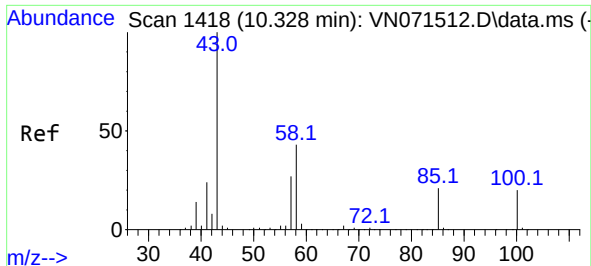


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



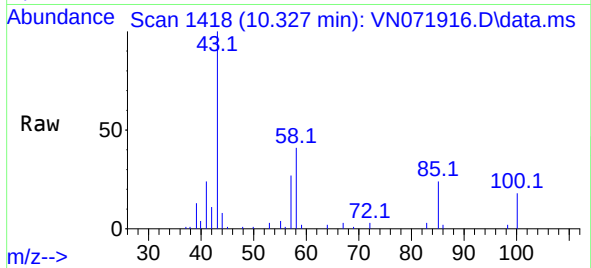
Tgt Ion:117 Resp: 401602
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 32.5 25.8 38.6





#58
4-Methyl-2-Pentanone
Concen: 4.141 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

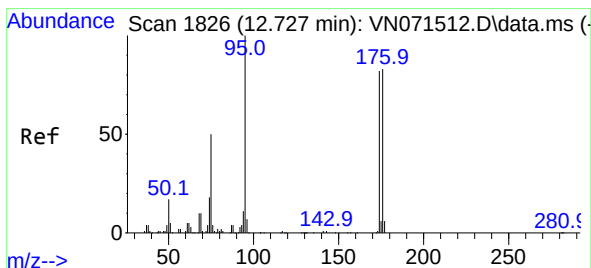
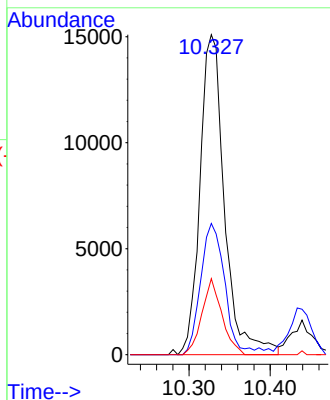
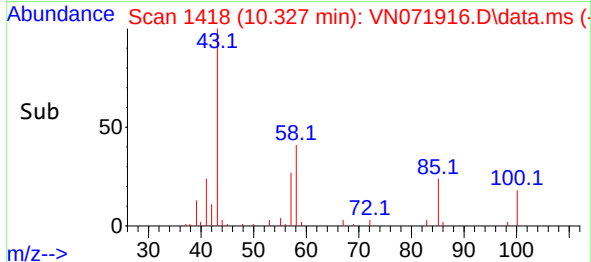
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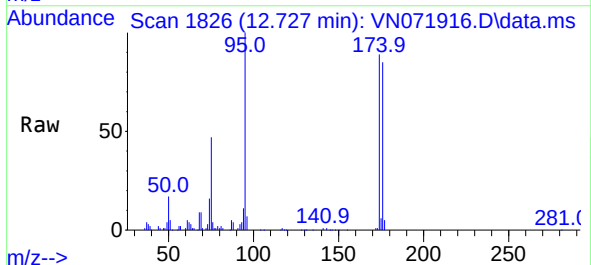
Tgt Ion: 43 Resp: 3156
Ion Ratio Lower Upper
43 100
58 39.6 30.0 45.0
85 19.5 15.0 22.6

Manual Integrations
APPROVED

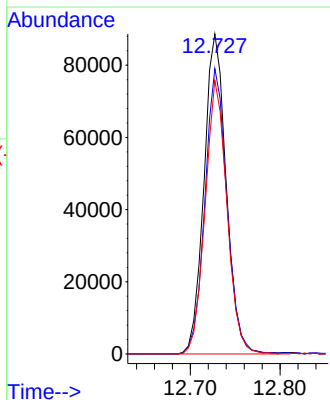
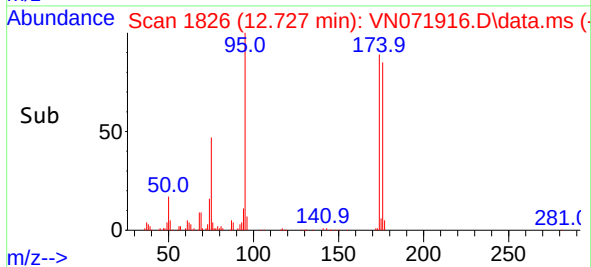
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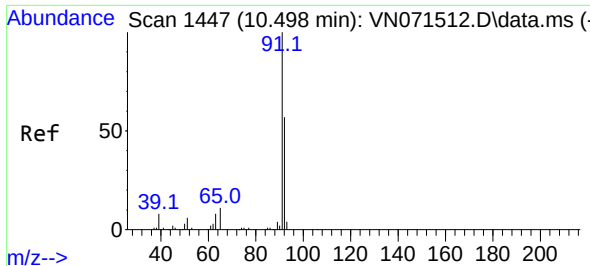


#60
4-Bromofluorobenzene
Concen: 25.580 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



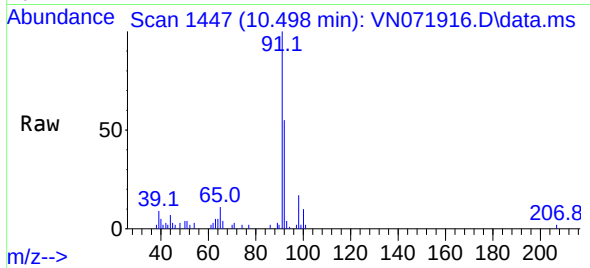
Tgt Ion: 95 Resp: 152323
Ion Ratio Lower Upper
95 100
174 88.5 62.9 94.3
176 83.6 61.0 91.4





#62
Toluene
Concen: 0.808 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

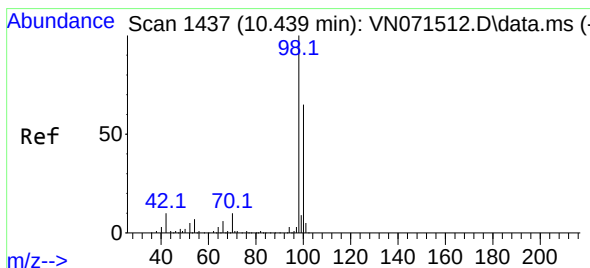
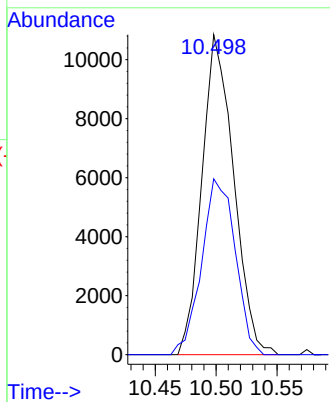
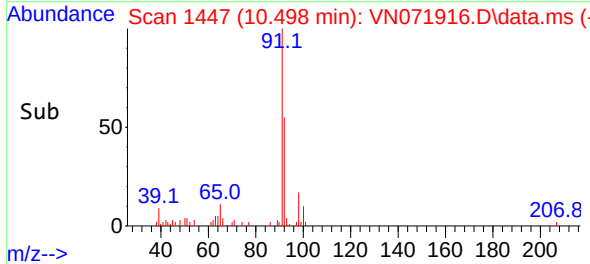
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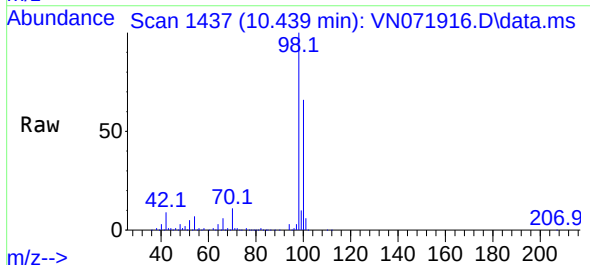
Tgt Ion: 91 Resp: 1966
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0

Manual Integrations
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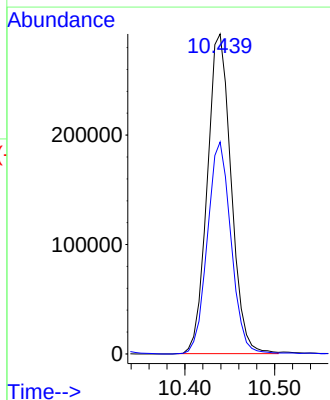
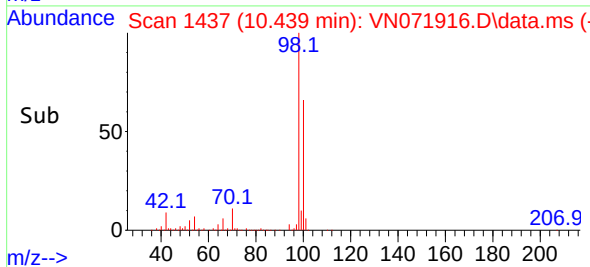
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Supervised By :Mahesh Dadoda 04/11/2022

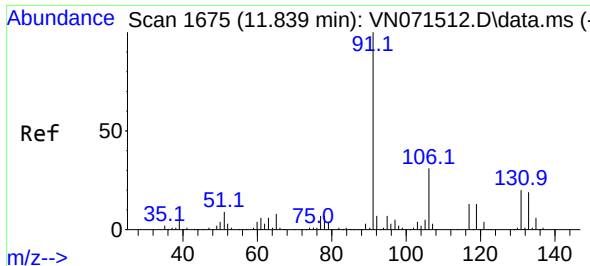


#63
Toluene-d8
Concen: 29.569 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



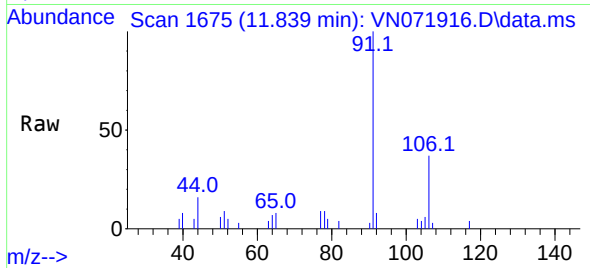
Tgt Ion: 98 Resp: 539059
Ion Ratio Lower Upper
98 100
100 65.8 50.6 76.0





#66
Ethyl Benzene
Concen: 0.352 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

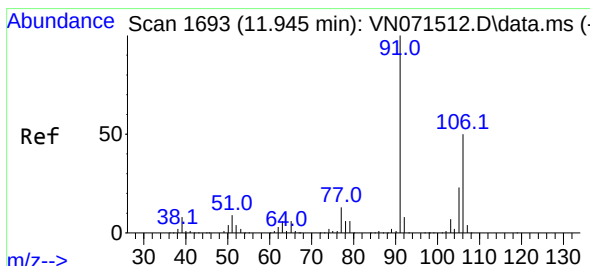
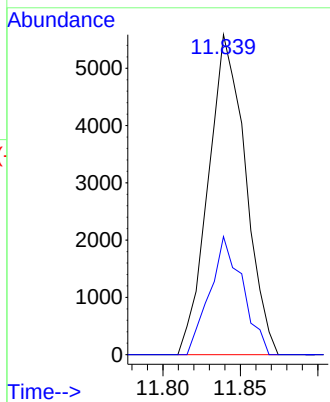
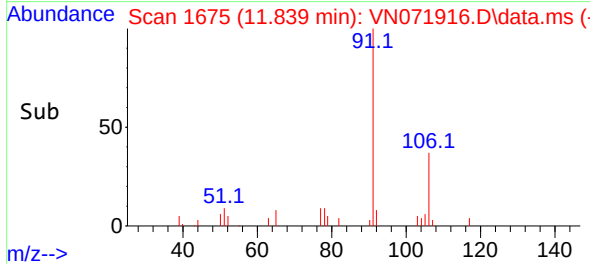
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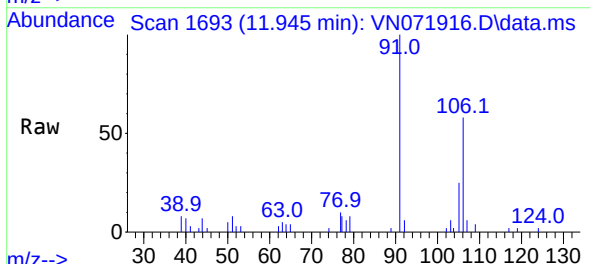
Tgt Ion: 91 Resp: 9314
Ion Ratio Lower Upper
91 100
106 36.9 24.0 36.0

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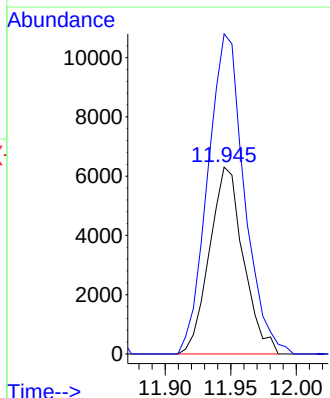
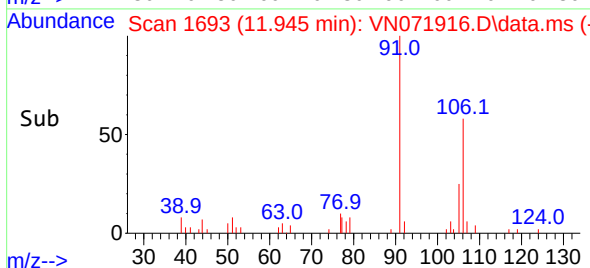
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

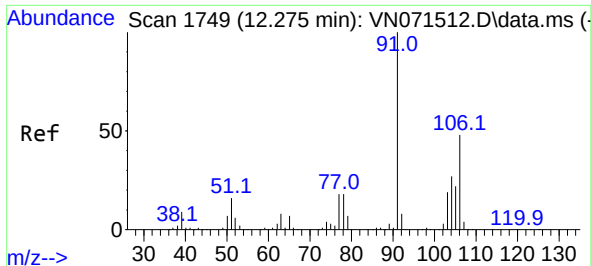


#67
m/p-Xylenes
Concen: 1.100 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



Tgt Ion:106 Resp: 11320
Ion Ratio Lower Upper
106 100
91 185.1 162.9 244.3





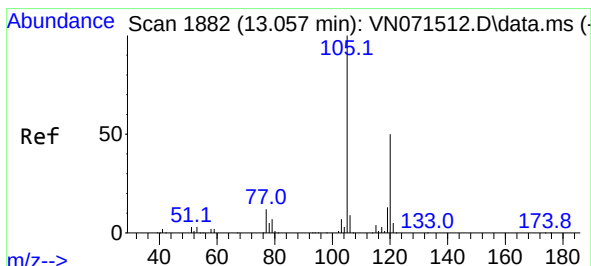
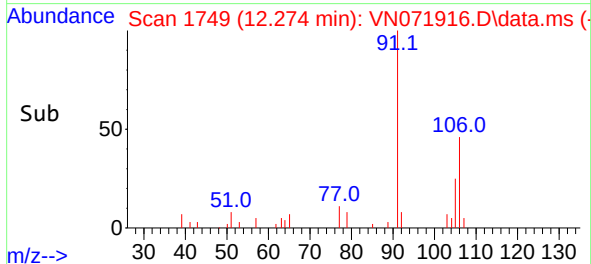
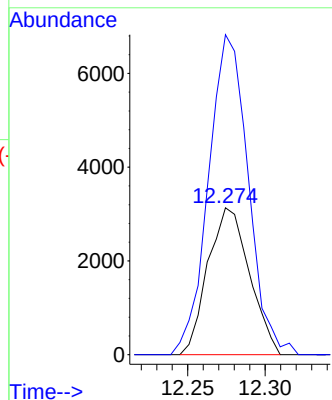
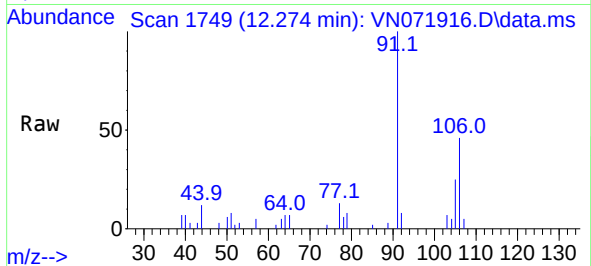
#68
o-Xylene
Concen: 0.571 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(APR)

Tgt Ion:106 Resp: 584
Ion Ratio Lower Upper
106 100
91 208.0 107.7 323.1

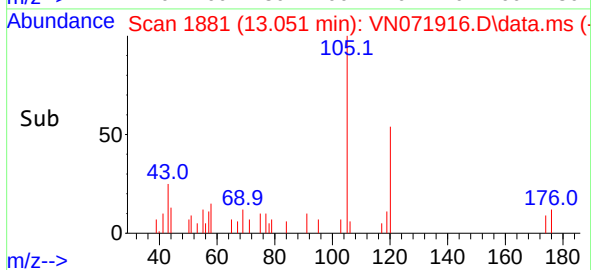
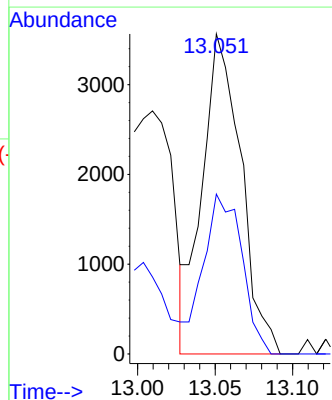
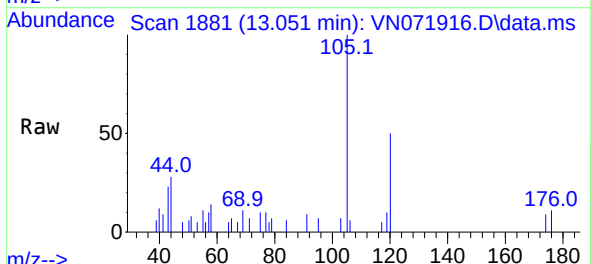
Manual Integrations
APPROVED

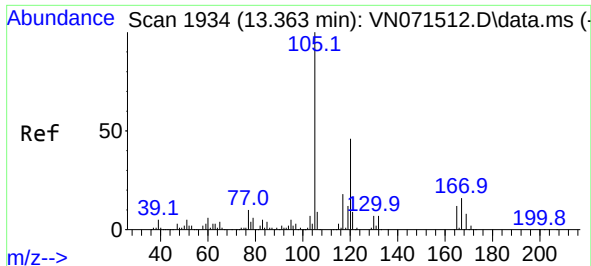
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 0.301 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

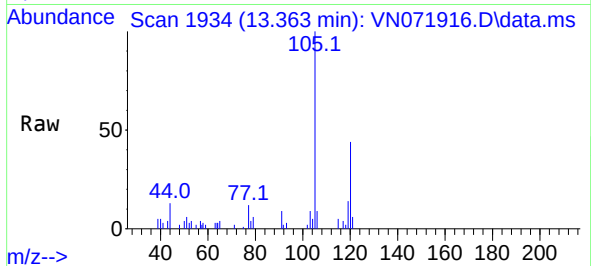
Tgt Ion:105 Resp: 6198
Ion Ratio Lower Upper
105 100
120 50.1 0.0 93.8





#80
1,2,4-Trimethylbenzene
Concen: 0.971 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43

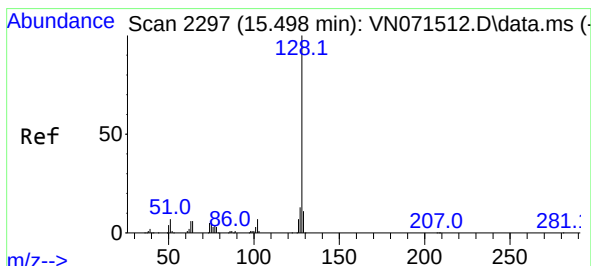
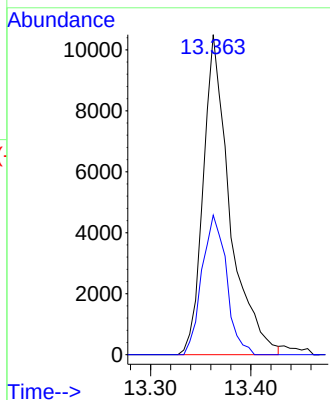
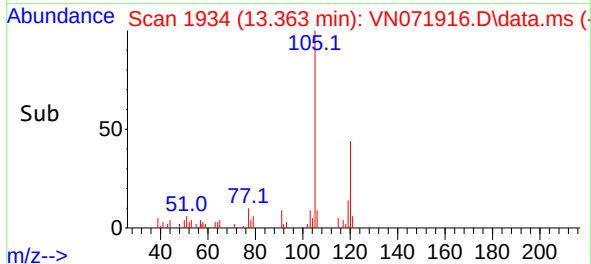
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(APR)



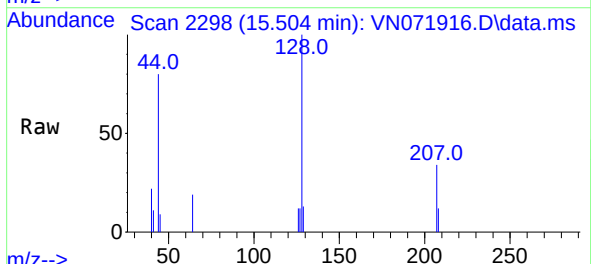
Tgt Ion:105 Resp: 1940
Ion Ratio Lower Upper
105 100
120 40.1 0.0 0.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#91
Naphthalene
Concen: 7.119 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071916.D
Acq: 08 Apr 2022 15:43



Tgt Ion:128 Resp: 4278
Ion Ratio Lower Upper
128 100
127 14.6 10.7 16.1
129 7.6 9.0 13.6

