

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070620.D
 Acq On : 14 Jan 2022 13:47
 Operator : JC/MD
 Sample : N1119-01ME
 Misc : 5.57g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022

Quant Time: Jan 14 14:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	776990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1317183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1093451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	508209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	682162	61.062	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 122.120%			
35) Dibromofluoromethane	8.016	113	459063	57.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.200%			
50) Toluene-d8	10.440	98	1877940	57.682	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 115.360%			
62) 4-Bromofluorobenzene	12.731	95	738947	62.842	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 125.680%			
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.859	43	64680	3.083	ug/l #	71
31) Cyclohexane	8.083	56	210777m	11.956	ug/l	
39) Methylcyclohexane	9.453	83	270654	16.957	ug/l #	81
43) Isopropyl Acetate	8.550	43	82305	3.055	ug/l #	56
52) Toluene	10.502	92	31236	1.277	ug/l	95
67) Ethyl Benzene	11.846	91	1002828	23.591	ug/l	95
68) m/p-Xylenes	11.956	106	83628	5.405	ug/l	97
73) Isopropylbenzene	12.578	105	566780	12.009	ug/l	97
78) n-propylbenzene	12.921	91	1306670	24.989	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	94425	2.593	ug/l	95
85) sec-Butylbenzene	13.500	105	192110	4.249	ug/l #	66
95) Naphthalene	15.507	128	262248	12.715	ug/l	98

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

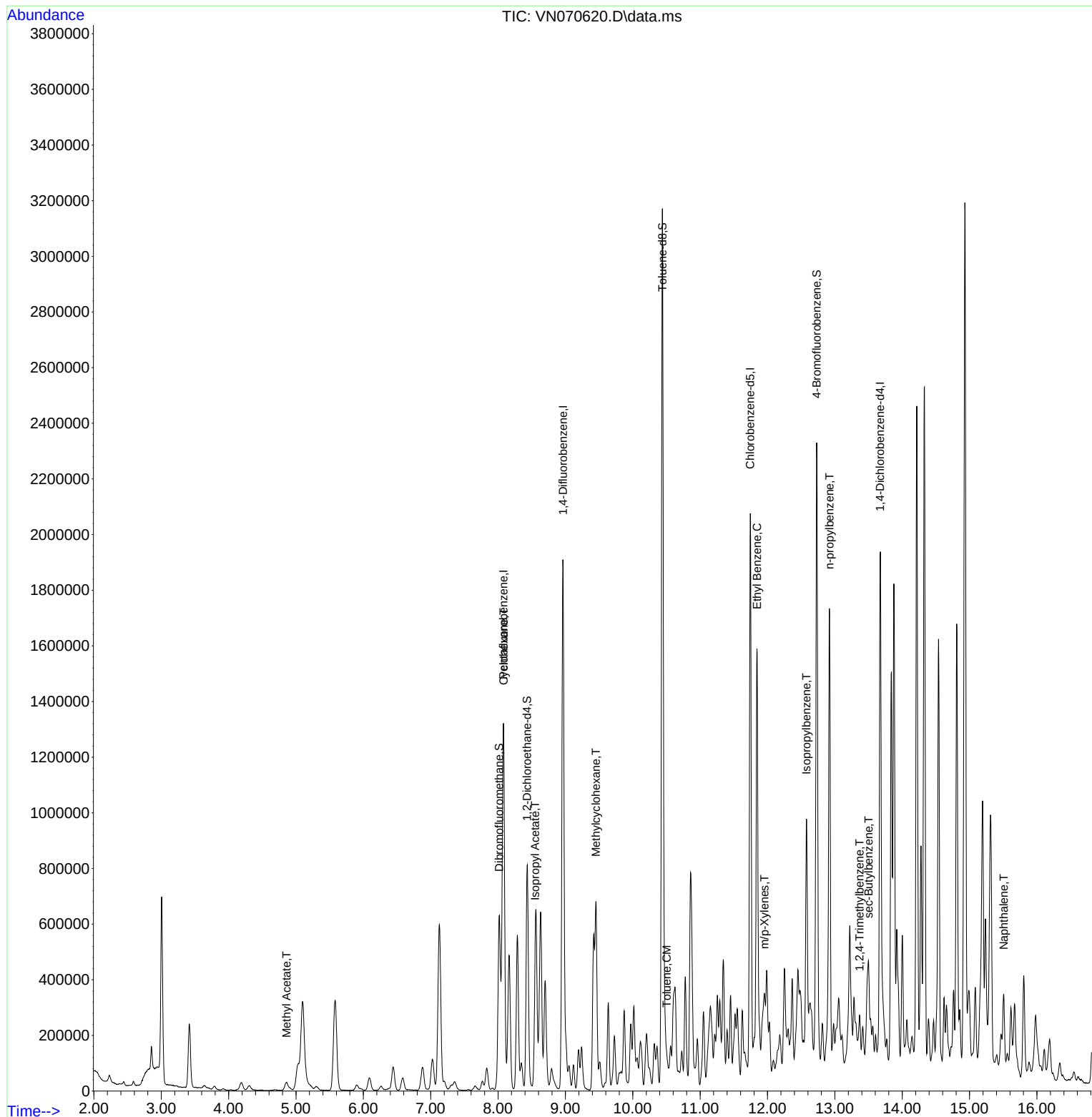
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070620.D
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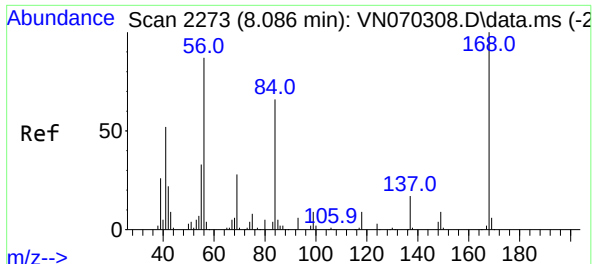
Instrument :
MSVOA_N
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME

Quant Time: Jan 14 14:19:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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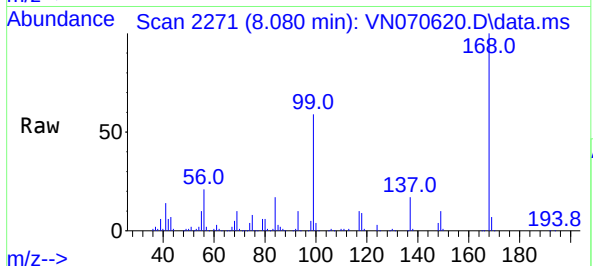
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

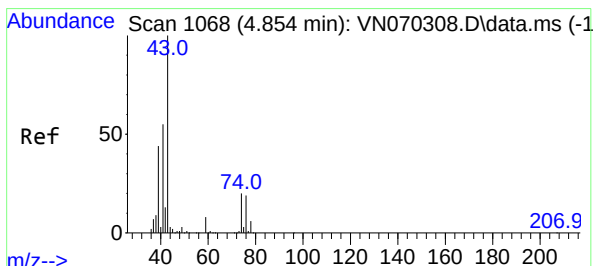
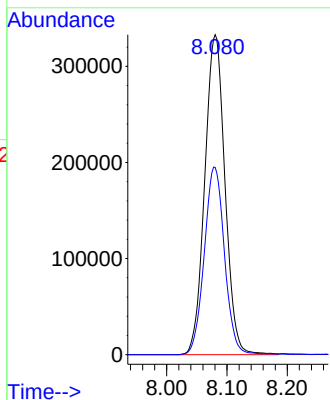
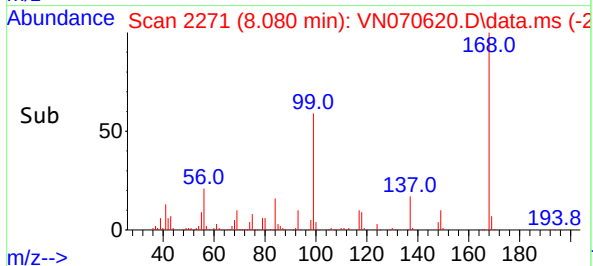
Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



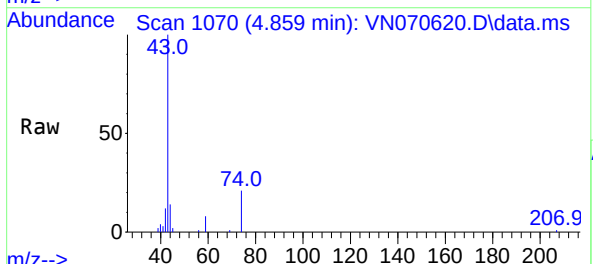
Tgt Ion:168 Resp: 776990
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9

Manual Integrations
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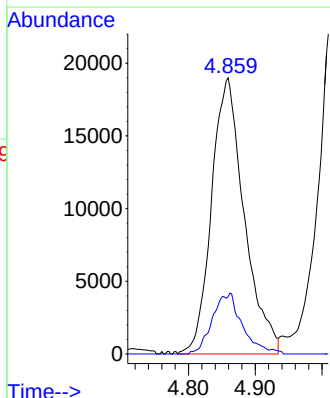
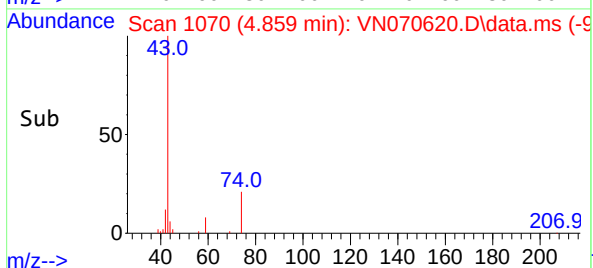
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

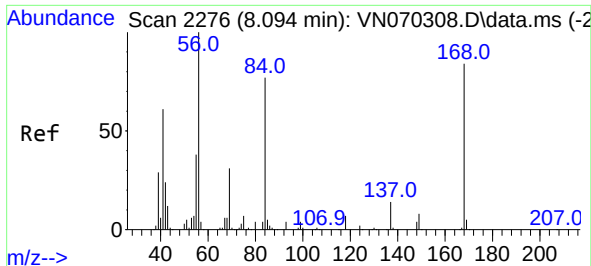


#18
Methyl Acetate
Concen: 3.083 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



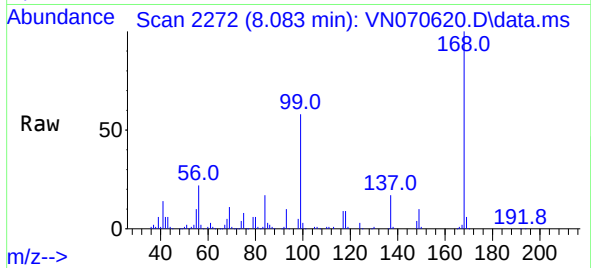
Tgt Ion: 43 Resp: 64680
Ion Ratio Lower Upper
43 100
74 9.8 19.4 29.2#





#31
Cyclohexane
Concen: 11.956 ug/l m
RT: 8.083 min Scan# 21077
Delta R.T. -0.011 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

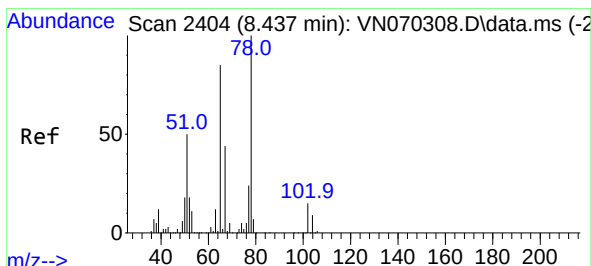
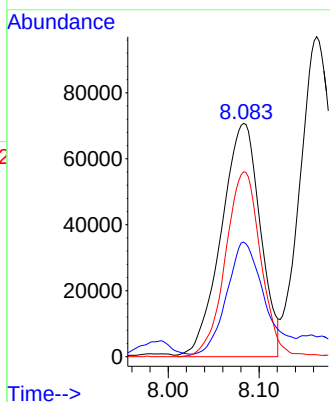
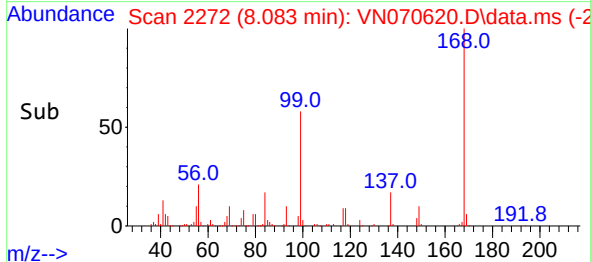
Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



Tgt Ion: 56 Resp: 21077
Ion Ratio Lower Upper
56 100
69 49.1 27.1 40.7
84 79.3 73.4 110.0

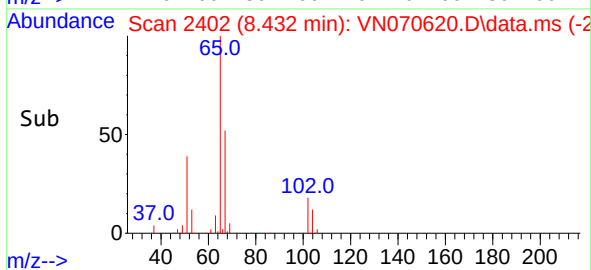
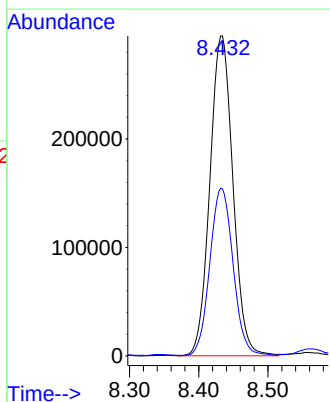
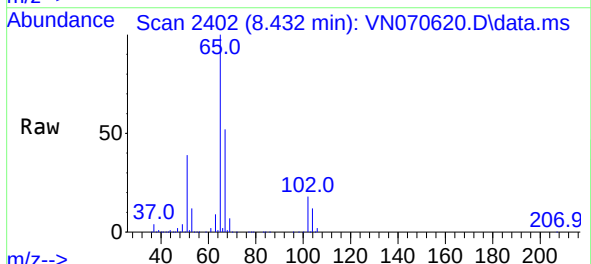
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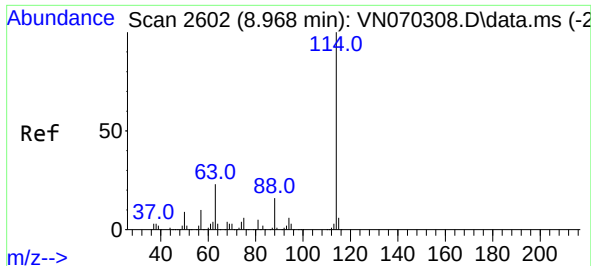
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#33
1,2-Dichloroethane-d4
Concen: 61.062 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Tgt Ion: 65 Resp: 682162
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0





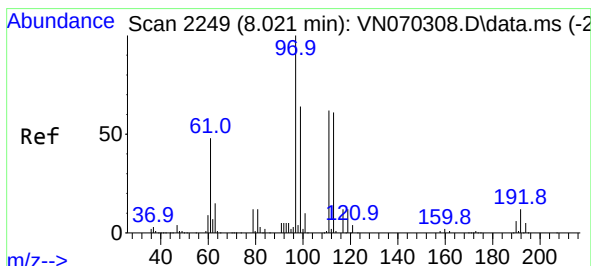
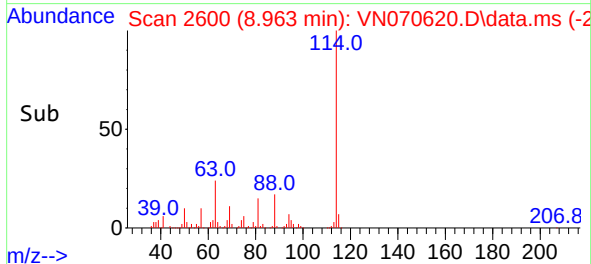
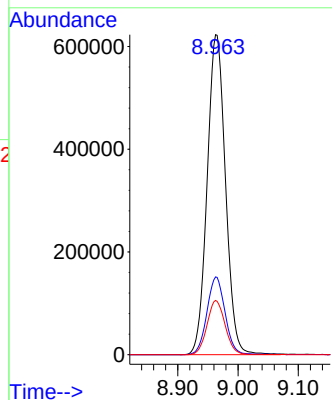
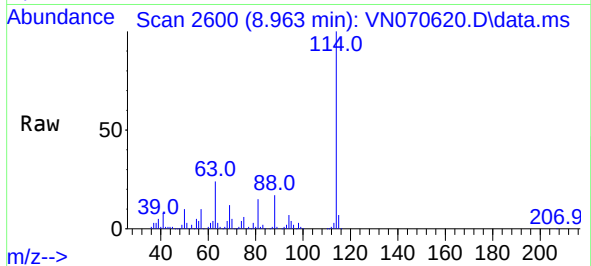
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME

Tgt Ion:114 Resp: 131718
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 17.0 0.0 27.4

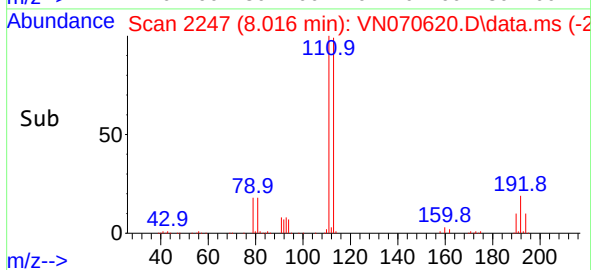
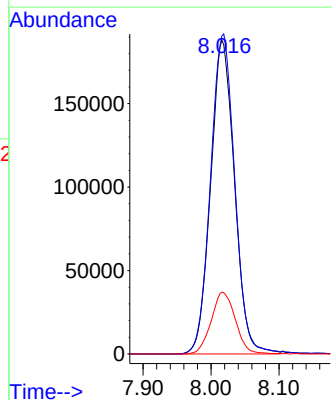
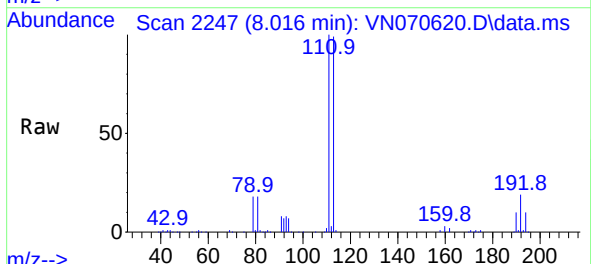
Manual Integrations
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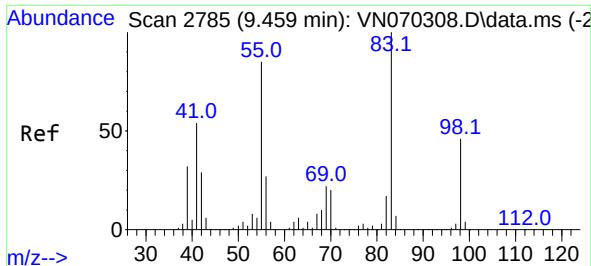
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#35
Dibromofluoromethane
Concen: 57.602 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

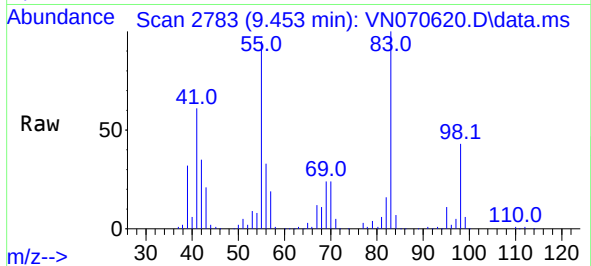
Tgt Ion:113 Resp: 459063
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.0 16.9 25.3





#39
Methylcyclohexane
Concen: 16.957 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

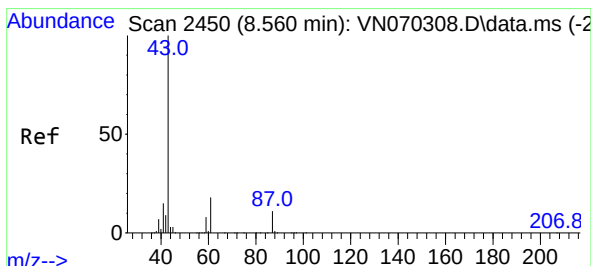
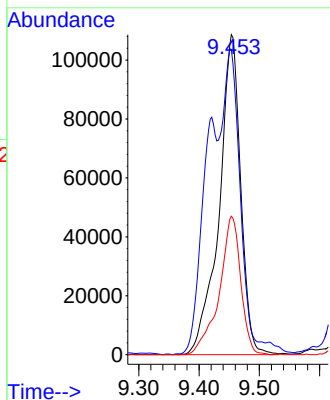
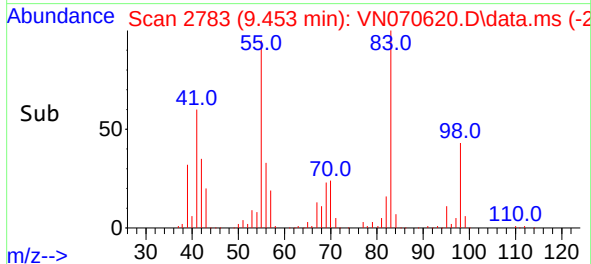
Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



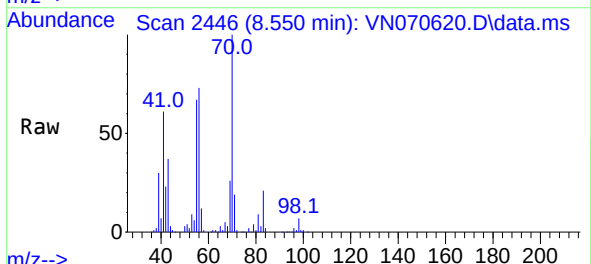
Tgt Ion: 83 Resp: 270654
Ion Ratio Lower Upper
83 100
55 95.1 58.1 87.1#
98 43.3 38.4 57.6

Manual Integrations
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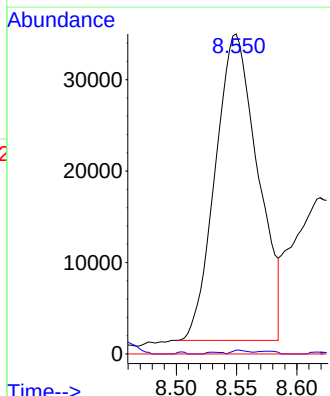
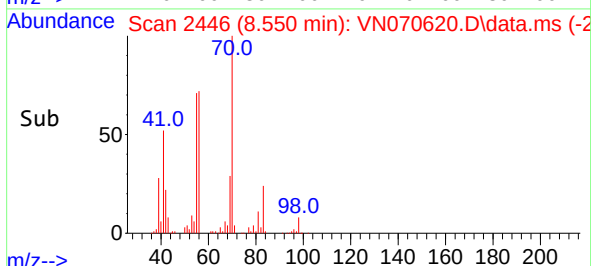
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

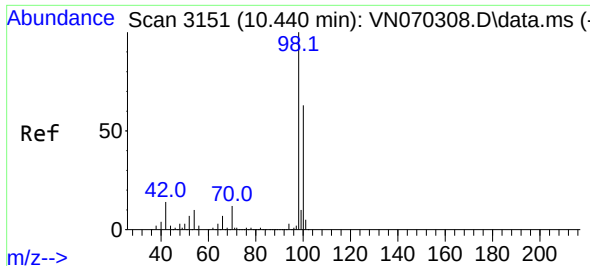


#43
Isopropyl Acetate
Concen: 3.055 ug/l
RT: 8.550 min Scan# 2446
Delta R.T. -0.010 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



Tgt Ion: 43 Resp: 82305
Ion Ratio Lower Upper
43 100
61 0.5 20.4 30.6#
87 0.0 11.2 16.8#





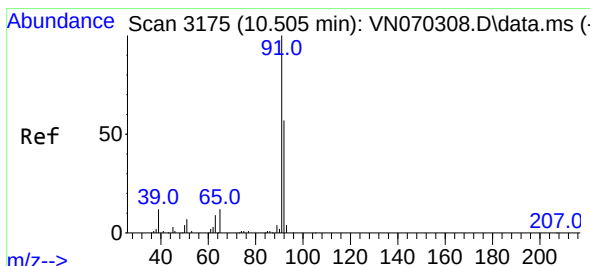
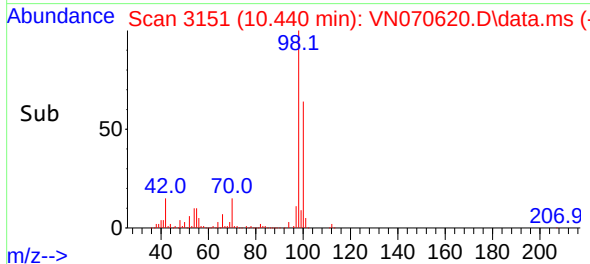
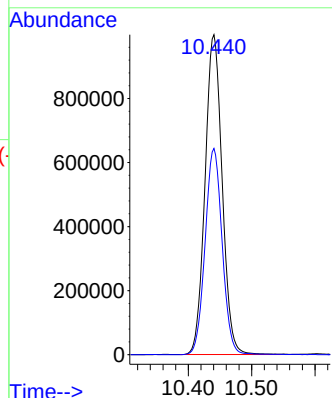
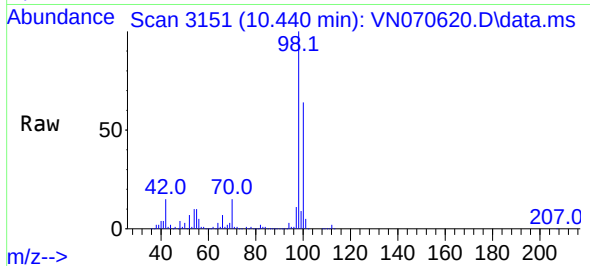
#50
Toluene-d8
Concen: 57.682 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME

Tgt Ion: 98 Resp: 1877940
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

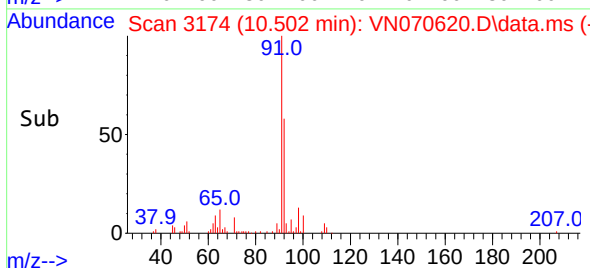
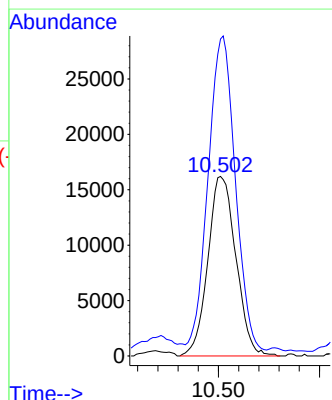
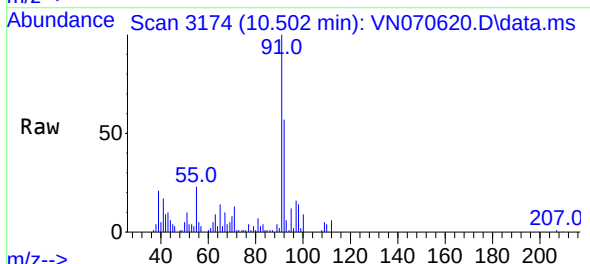
Manual Integrations
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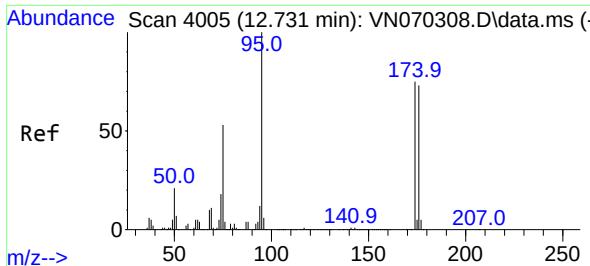
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#52
Toluene
Concen: 1.277 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

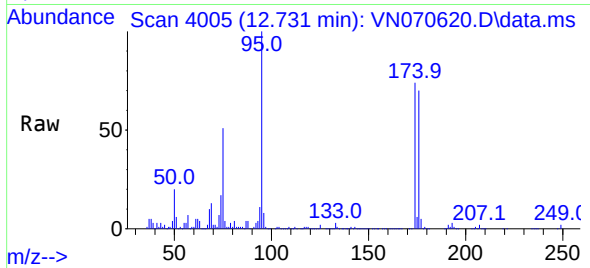
Tgt Ion: 92 Resp: 31236
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 62.842 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

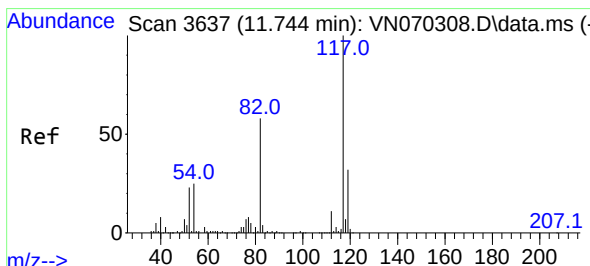
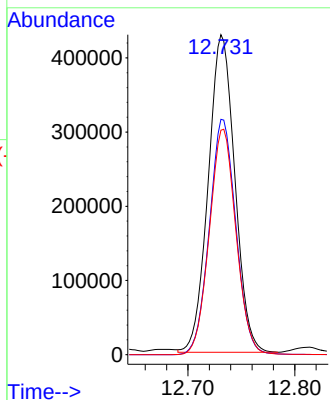
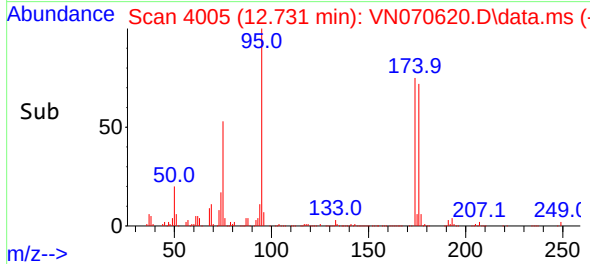
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ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



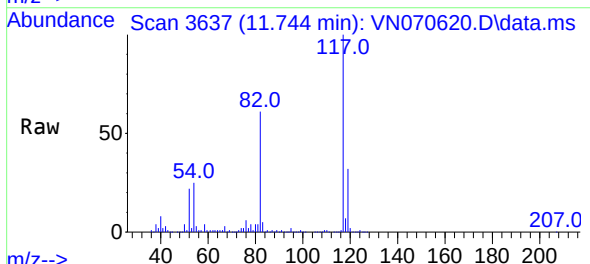
Tgt Ion: 95 Resp: 73894
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.4 0.0 181.4

Manual Integrations
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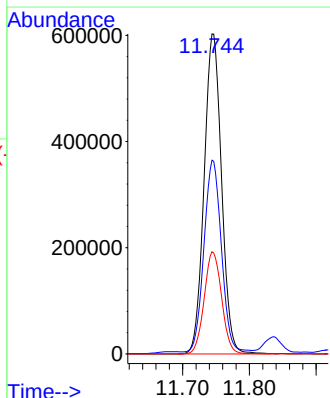
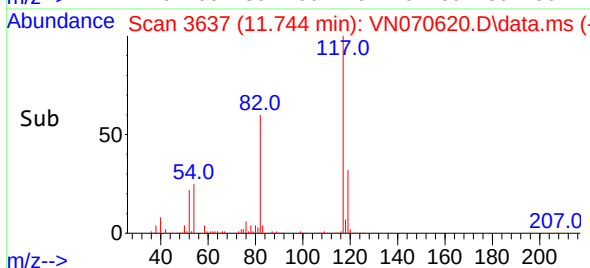
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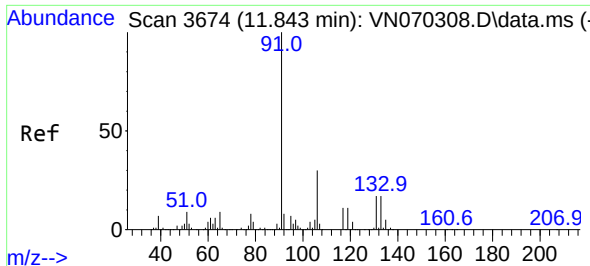


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



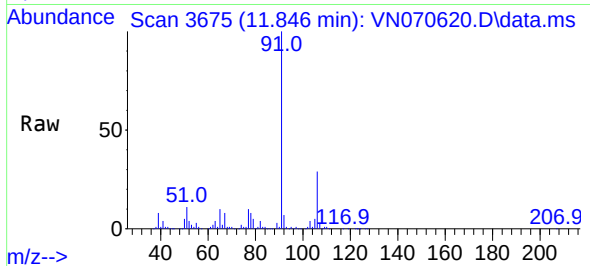
Tgt Ion:117 Resp: 1093451
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2





#67
Ethyl Benzene
Concen: 23.591 ug/l
RT: 11.846 min Scan# 3074
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

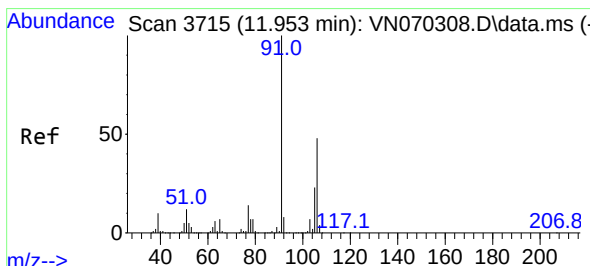
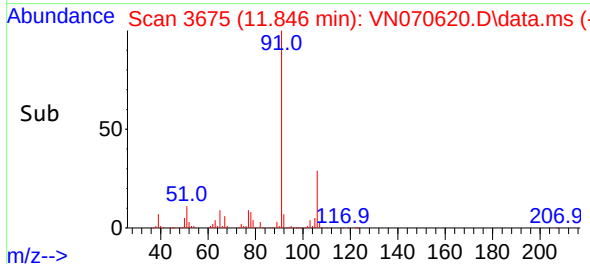
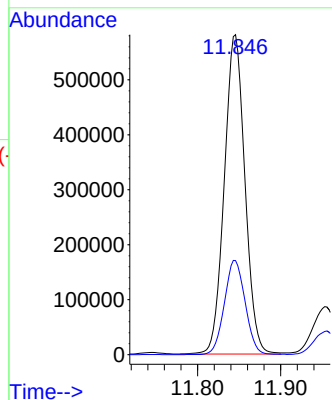
Instrument : MSVOA_N
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Tgt Ion: 91 Resp: 1002828
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

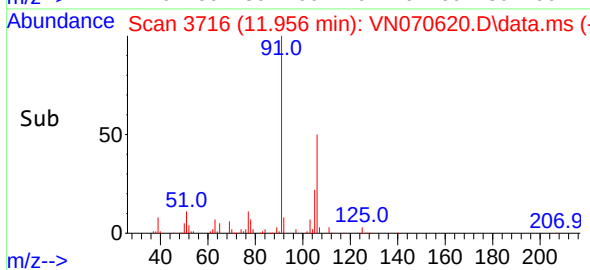
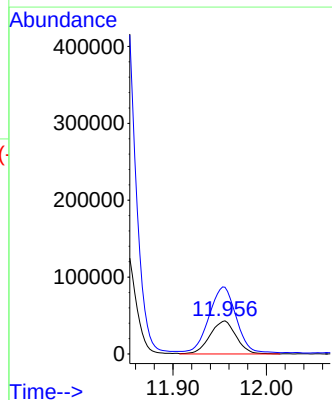
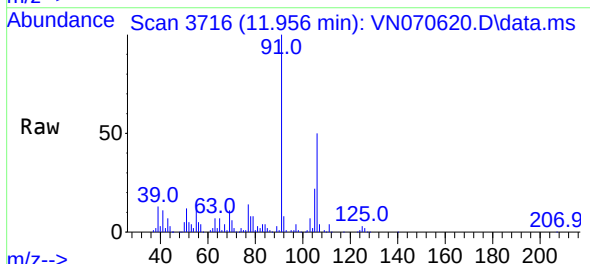
Manual Integrations
APPROVED

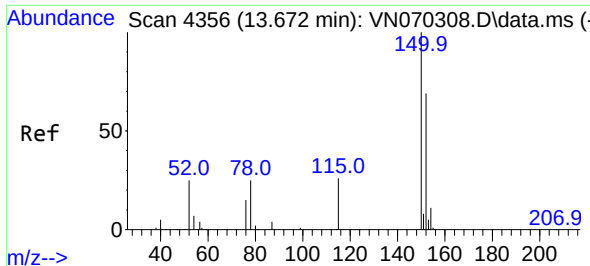
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#68
m/p-Xylenes
Concen: 5.405 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

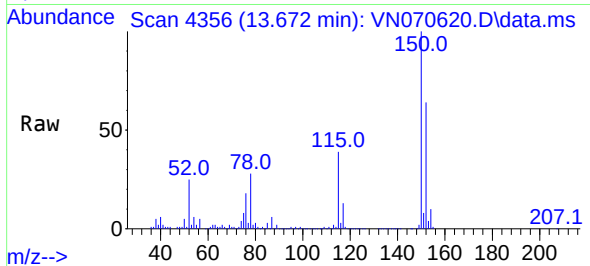
Tgt Ion:106 Resp: 83628
Ion Ratio Lower Upper
106 100
91 204.8 160.6 240.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

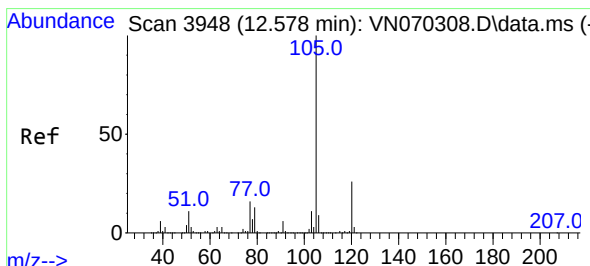
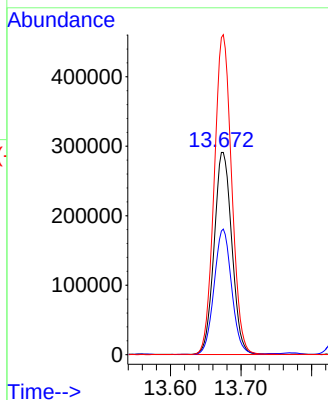
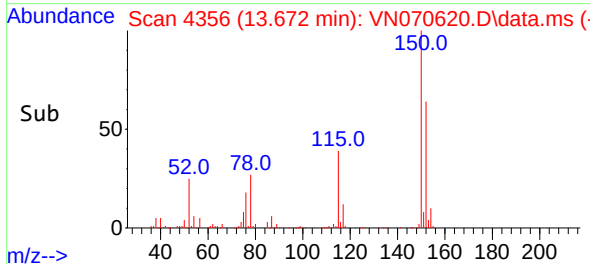
Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



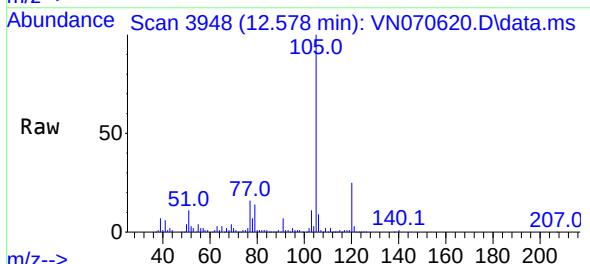
Tgt Ion:152 Resp: 508209
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 156.1 0.0 344.4

Manual Integrations
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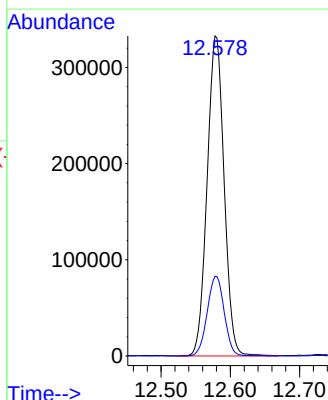
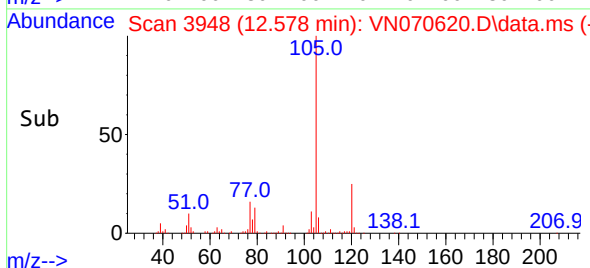
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

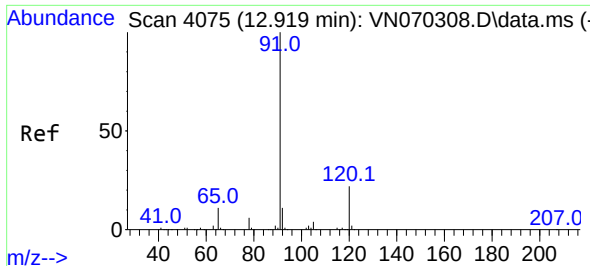


#73
Isopropylbenzene
Concen: 12.009 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



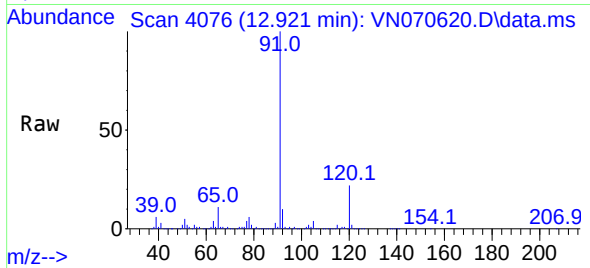
Tgt Ion:105 Resp: 566780
Ion Ratio Lower Upper
105 100
120 24.9 13.4 40.1





#78
n-propylbenzene
Concen: 24.989 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47

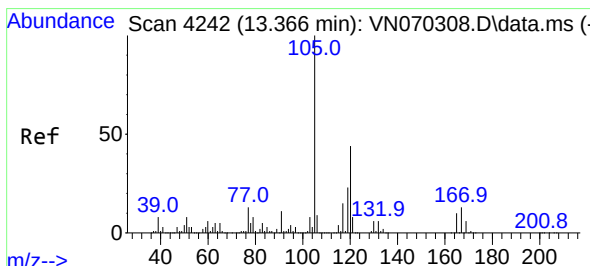
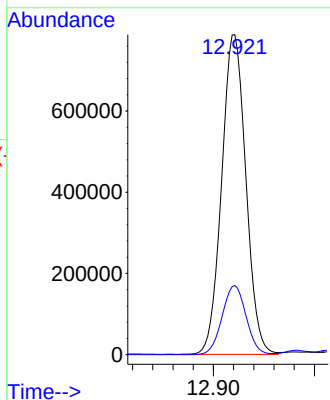
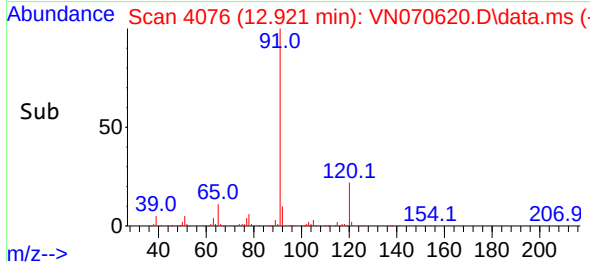
Instrument : MSVOA_N
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME



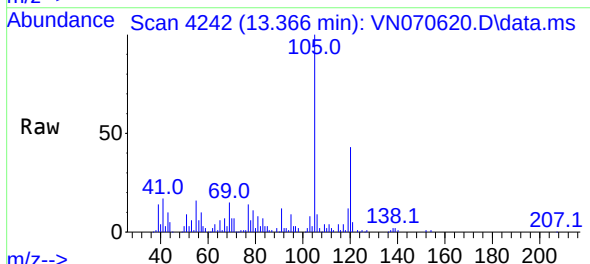
Tgt Ion: 91 Resp: 1306670
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

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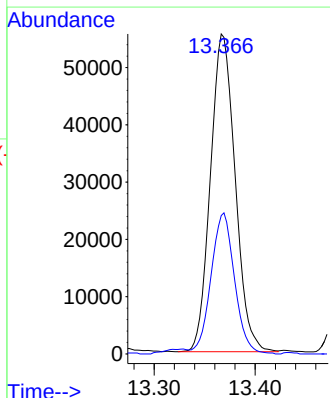
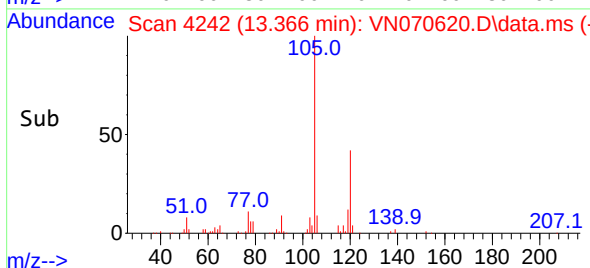
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

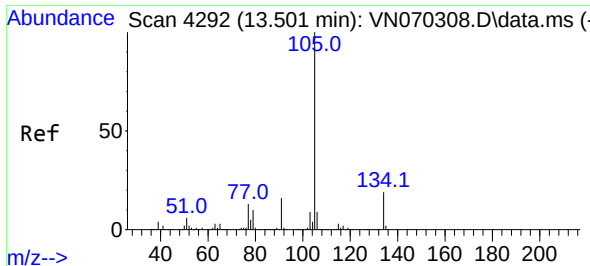


#84
1,2,4-Trimethylbenzene
Concen: 2.593 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070620.D
Acq: 14 Jan 2022 13:47



Tgt Ion:105 Resp: 94425
Ion Ratio Lower Upper
105 100
120 42.2 22.8 68.4





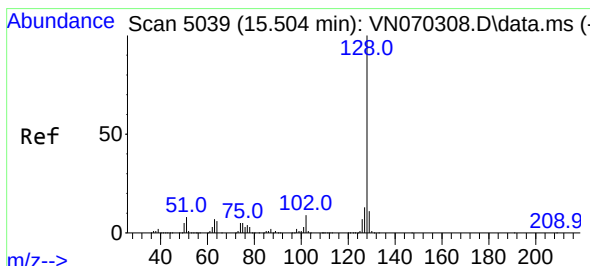
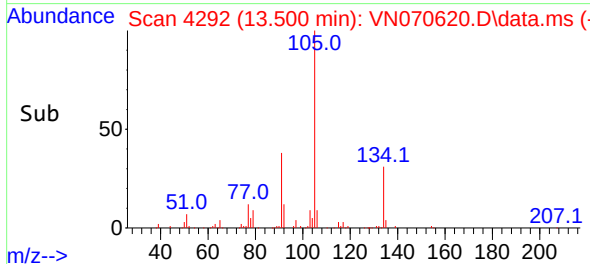
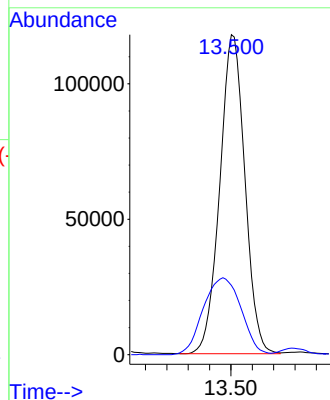
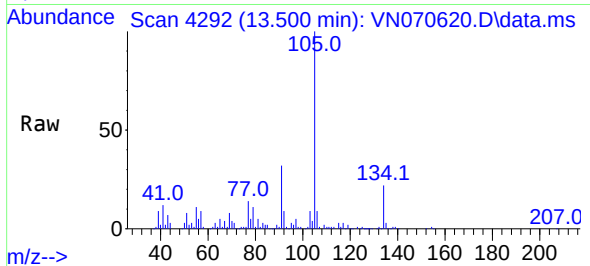
#85
 sec-Butylbenzene
 Concen: 4.249 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

Instrument : MSVOA_N
 ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-NORTH-SIDEWALLME

Tgt Ion:105 Resp: 192110
 Ion Ratio Lower Upper
 105 100
 134 36.4 10.4 31.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#95
 Naphthalene
 Concen: 12.715 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. 0.003 min
 Lab File: VN070620.D
 Acq: 14 Jan 2022 13:47

Tgt Ion:128 Resp: 262248
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.5 15.7
 129 9.5 8.7 13.1

