

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078740.D
 Acq On : 02 Aug 2023 20:27
 Operator : JC\MD
 Sample : 03884-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 05:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	153815	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	514748	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	437538	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	219909	19.073	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	63.567%#		
60) 4-Bromofluorobenzene	12.853	95	155963	23.785	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	79.300%		
63) Toluene-d8	10.571	98	633348	29.302	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.667%		
Target Compounds						Qvalue
15) Acetone	4.436	58	1203834	1020.845	ug/l	93
18) Methylene Chloride	5.289	84	10291m	1.001	ug/l	
25) Chloroform	7.977	83	144730	7.836	ug/l	95
30) 2-Butanone	7.500	43	259544	86.685	ug/l	99
41) Bromodichloromethane	9.900	83	10487	1.243	ug/l #	93
58) 4-Methyl-2-Pentanone	10.453	43	28739	4.388	ug/l	95
62) Toluene	10.635	91	12464620	473.609	ug/l	99
66) Ethyl Benzene	11.965	91	8413	0.317	ug/l	94
67) m/p-Xylenes	12.070	106	7614	0.751	ug/l	94
68) o-Xylene	12.394	106	2534m	0.246	ug/l	
82) p-Isopropyltoluene	13.735	119	50444	2.446	ug/l	98

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

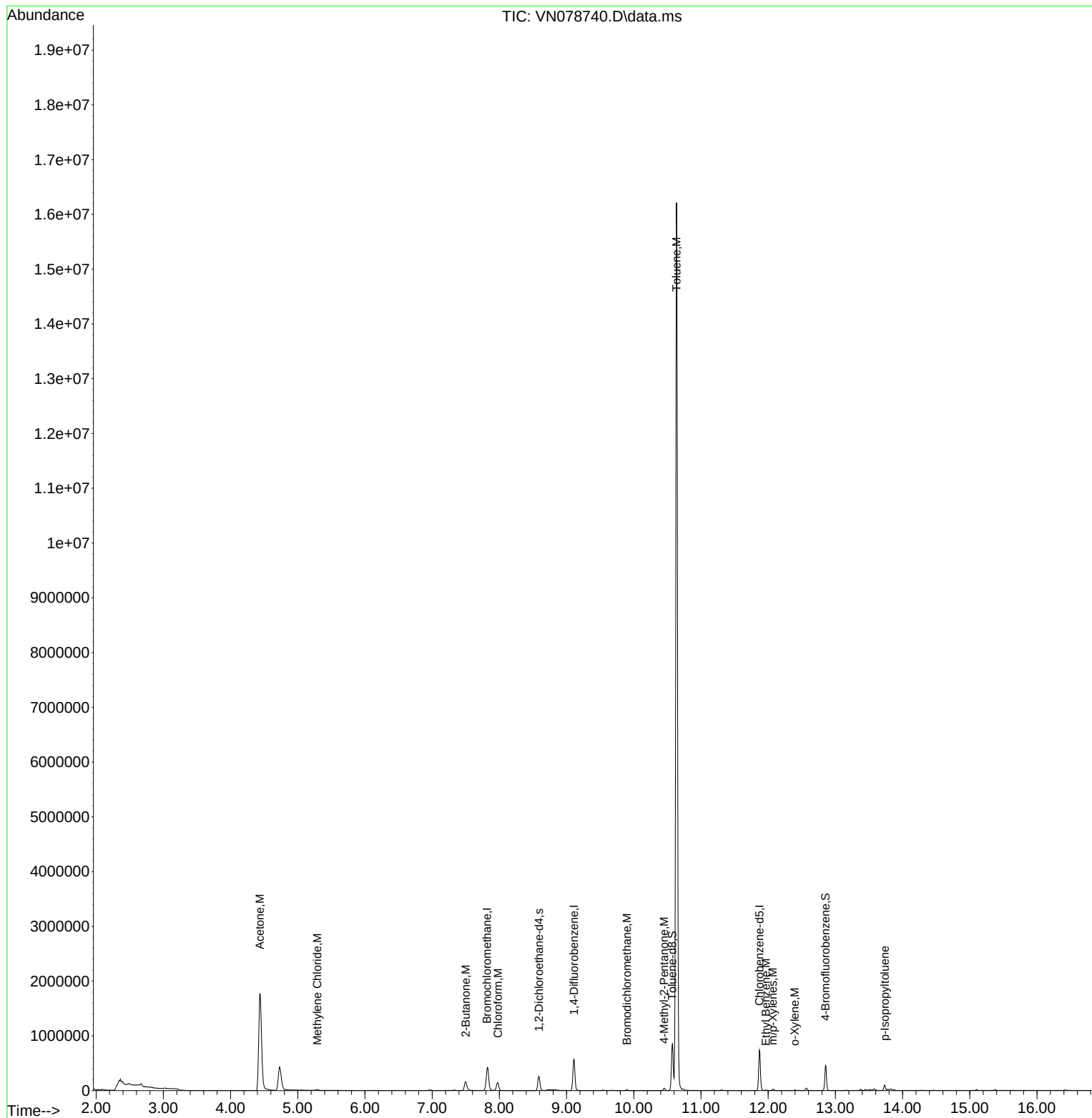
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
Data File : VN078740.D
Acq On : 02 Aug 2023 20:27
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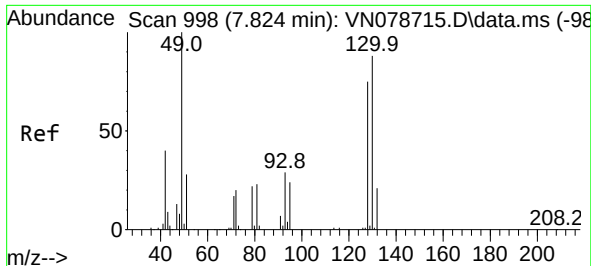
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)

Quant Time: Aug 03 05:34:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:51:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

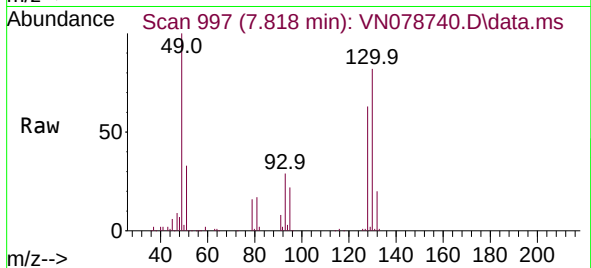
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

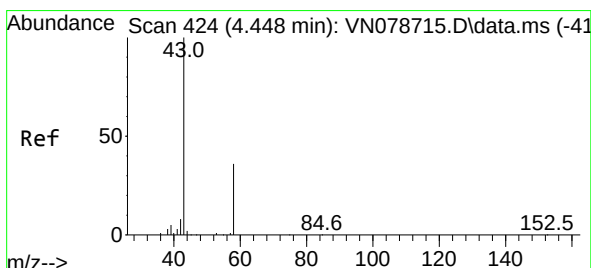
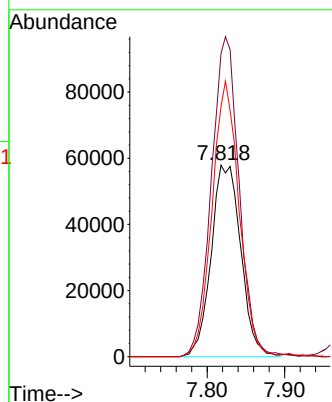
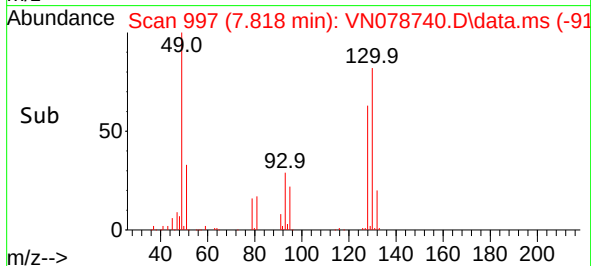
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)



Tgt Ion:128 Resp: 153815
Ion Ratio Lower Upper
128 100
49 156.7 0.0 370.8
130 131.3 0.0 307.0

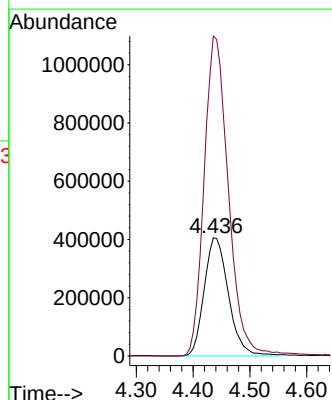
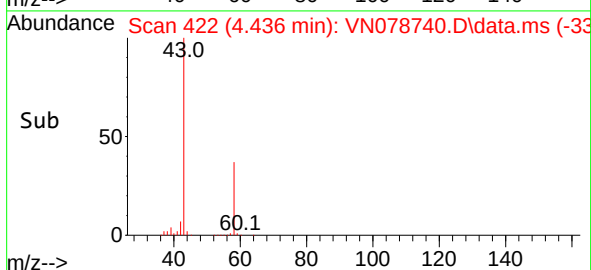
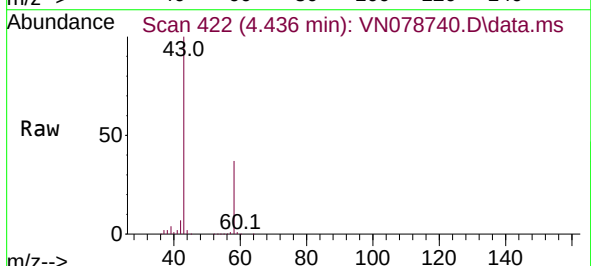
Manual Integrations
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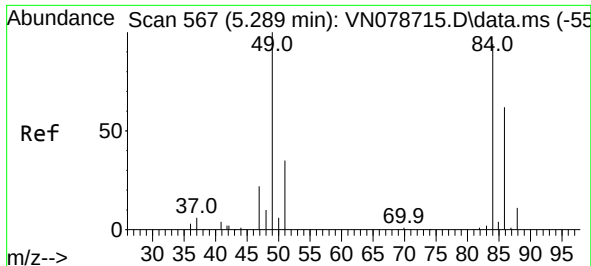
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#15
Acetone
Concen: 1020.845 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.012 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

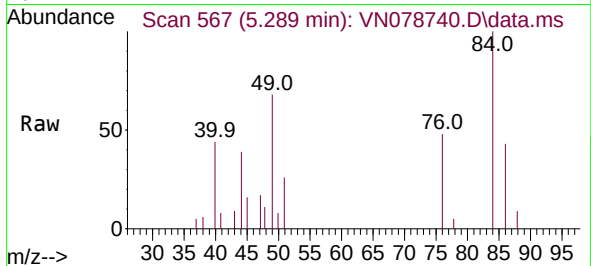
Tgt Ion: 58 Resp: 1203834
Ion Ratio Lower Upper
58 100
43 270.8 227.5 341.3





#18
Methylene Chloride
Concen: 1.001 ug/l m
RT: 5.289 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

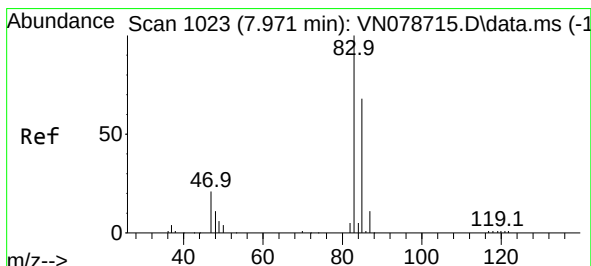
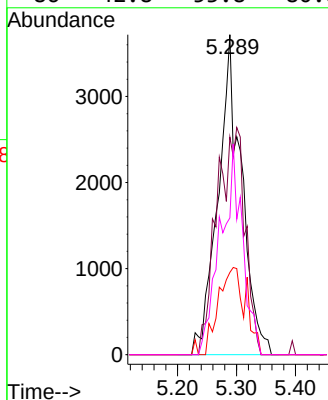
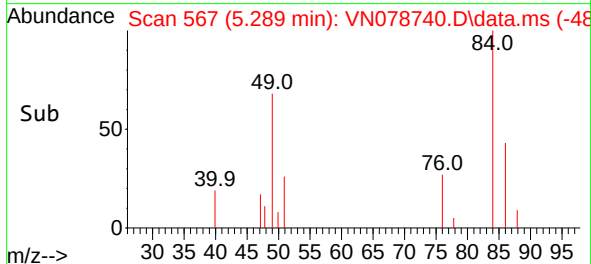
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)



Tgt Ion: 84 Resp: 1029
Ion Ratio Lower Upper
84 100
49 68.0 88.1 132.1
51 25.7 24.0 36.0
86 42.8 53.8 80.8#

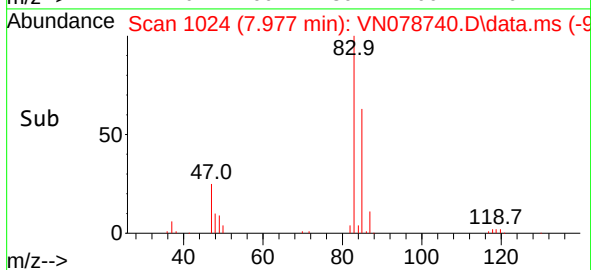
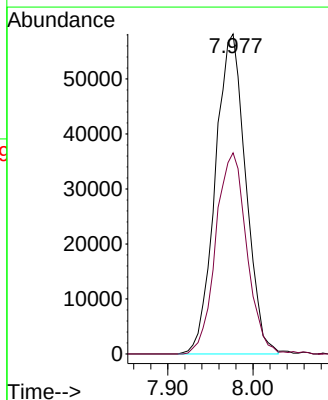
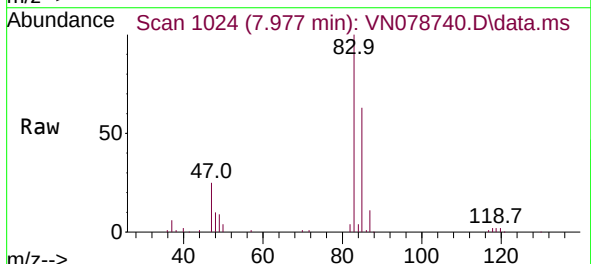
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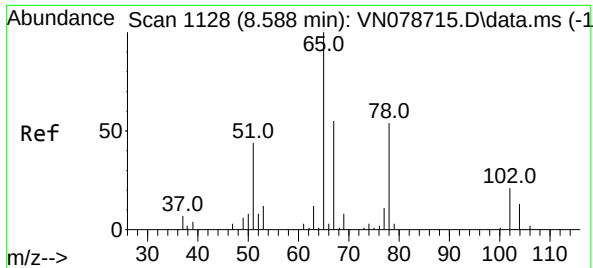
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#25
Chloroform
Concen: 7.836 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

Tgt Ion: 83 Resp: 144730
Ion Ratio Lower Upper
83 100
85 62.8 53.4 80.0





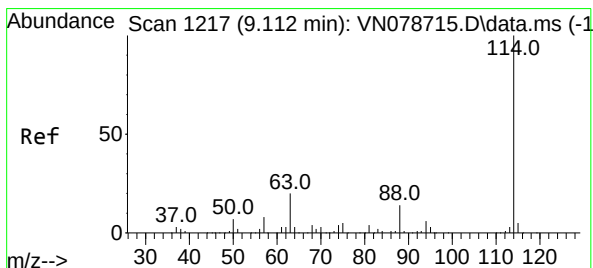
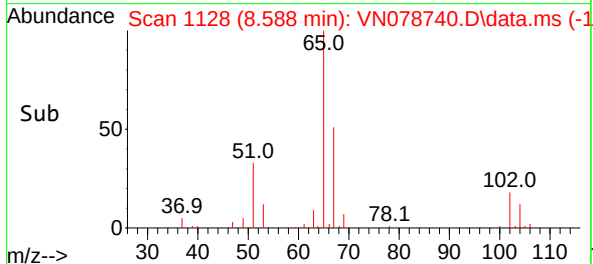
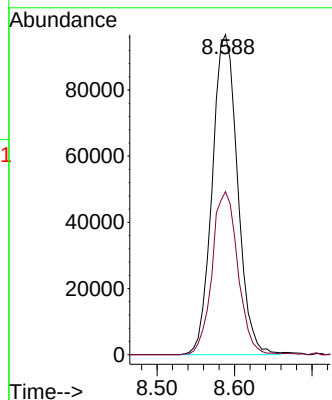
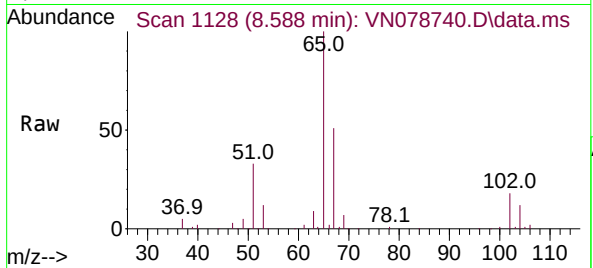
#27
1,2-Dichloroethane-d4
Concen: 19.073 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

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

Tgt Ion: 65 Resp: 219909
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3

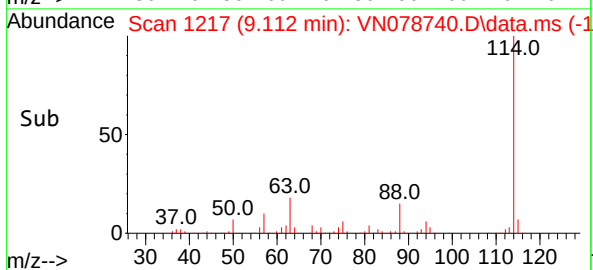
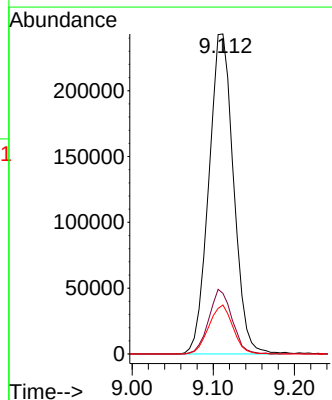
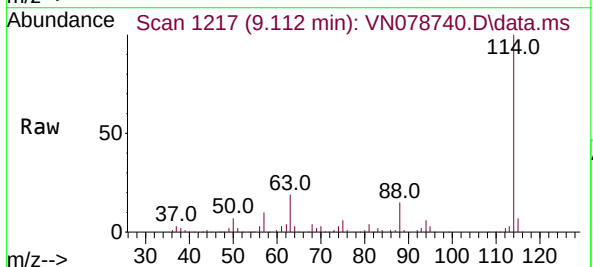
Manual Integrations
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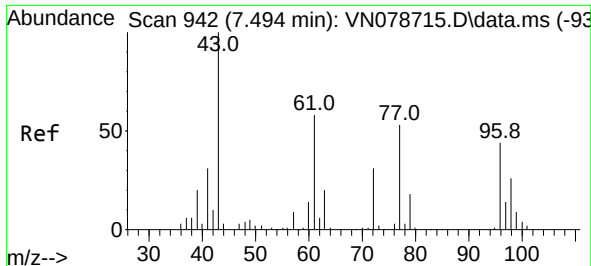
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

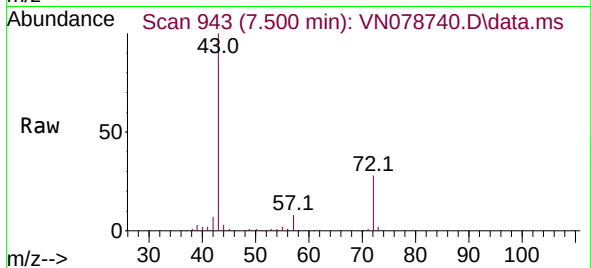
Tgt Ion:114 Resp: 514748
Ion Ratio Lower Upper
114 100
63 18.9 15.2 22.8
88 14.9 12.5 18.7





#30
2-Butanone
Concen: 86.685 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

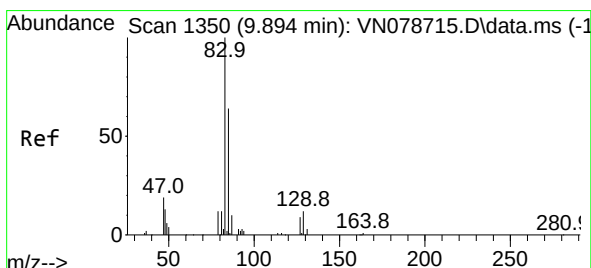
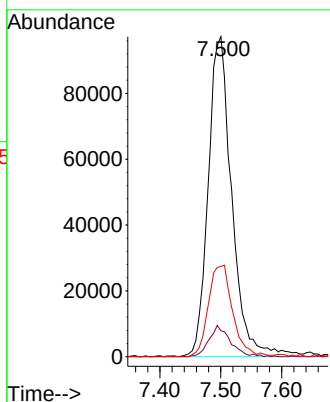
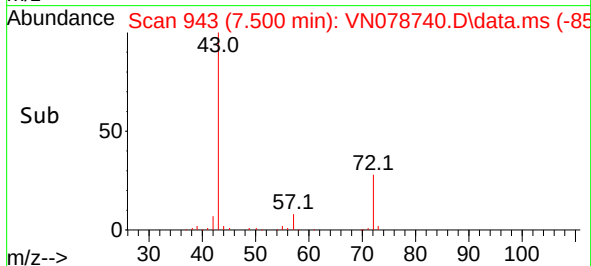
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)



Tgt Ion: 43 Resp: 259544
Ion Ratio Lower Upper
43 100
57 8.6 6.8 10.2
72 29.3 23.8 35.6

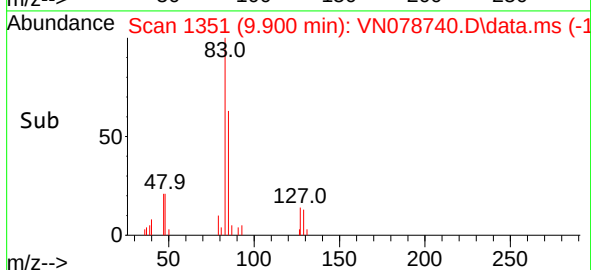
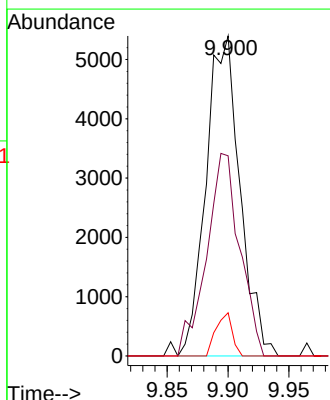
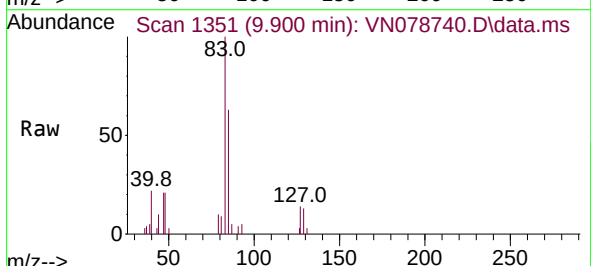
Manual Integrations
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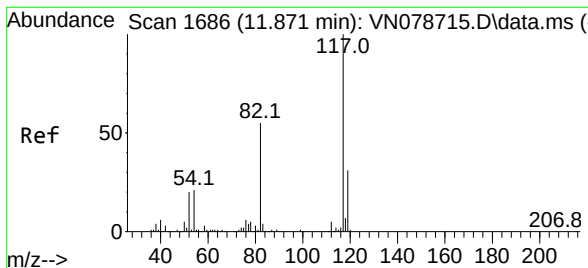
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#41
Bromodichloromethane
Concen: 1.243 ug/l
RT: 9.900 min Scan# 1351
Delta R.T. 0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

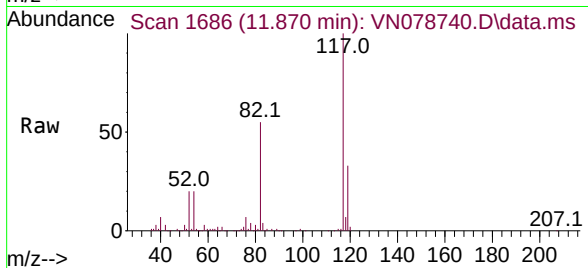
Tgt Ion: 83 Resp: 10487
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 13.5 7.8 11.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

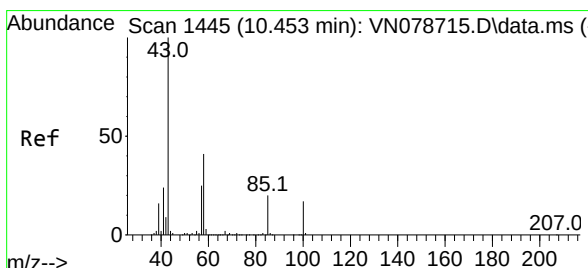
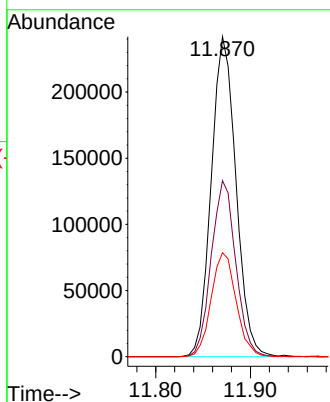
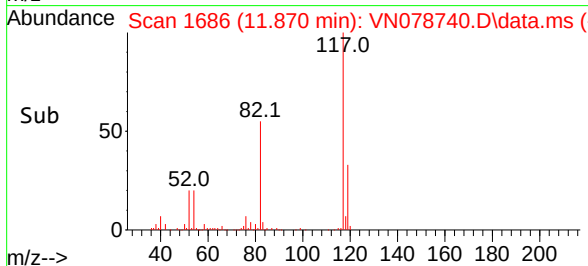
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)



Tgt Ion: 117 Resp: 437538
Ion Ratio Lower Upper
117 100
82 54.6 43.9 65.9
119 32.9 26.2 39.4

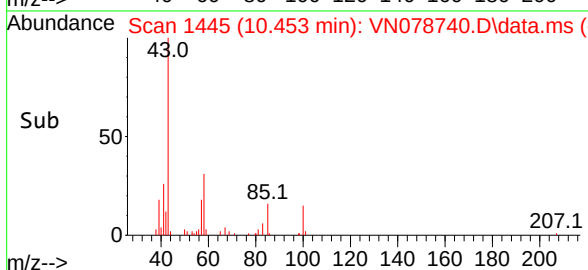
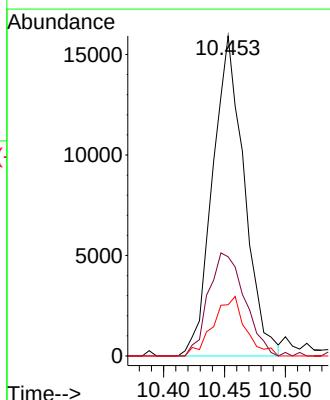
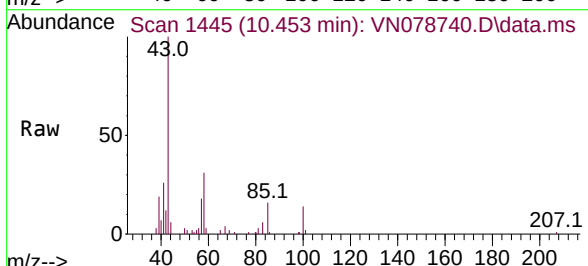
Manual Integrations
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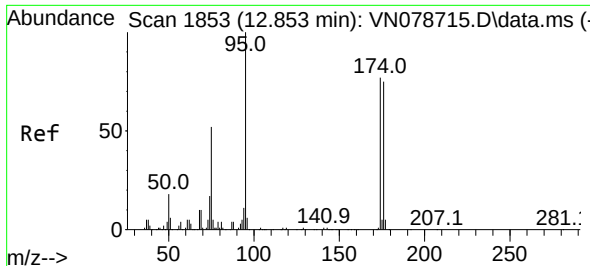
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 4.388 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

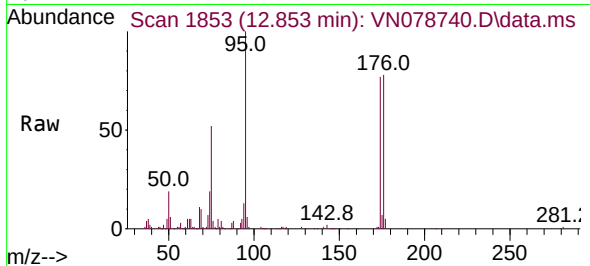
Tgt Ion: 43 Resp: 28739
Ion Ratio Lower Upper
43 100
58 36.9 32.6 48.8
85 18.3 16.2 24.2





#60
4-Bromofluorobenzene
Concen: 23.785 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

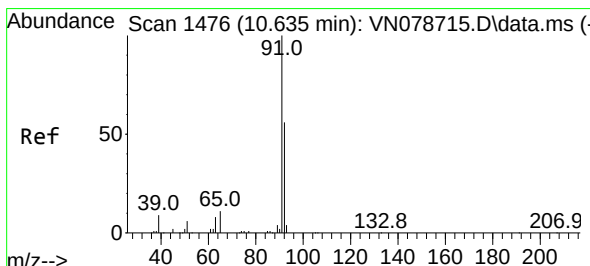
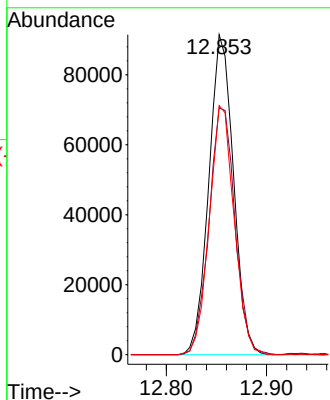
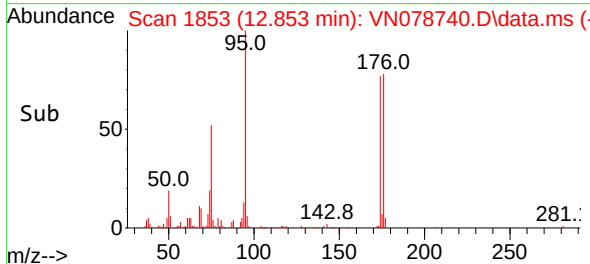
Instrument :
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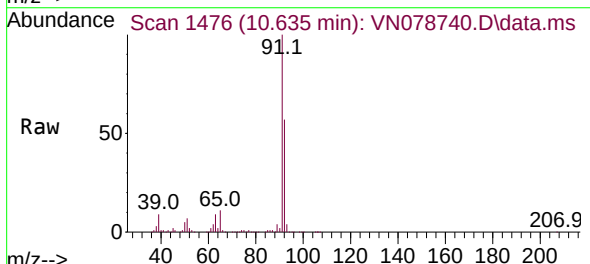
Tgt Ion: 95 Resp: 15596
Ion Ratio Lower Upper
95 100
174 81.4 61.7 92.5
176 78.6 58.1 87.1

Manual Integrations
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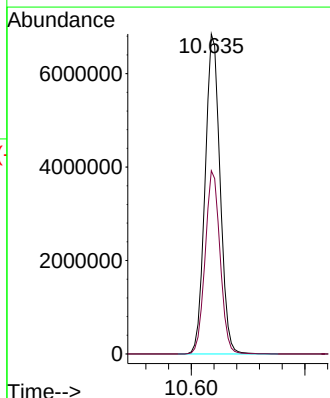
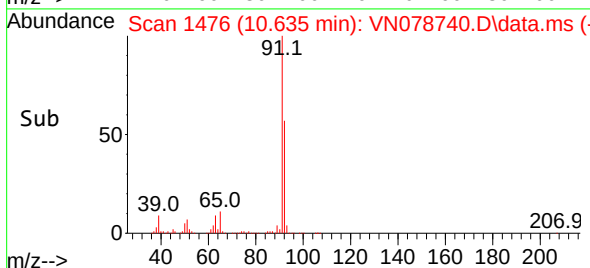
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

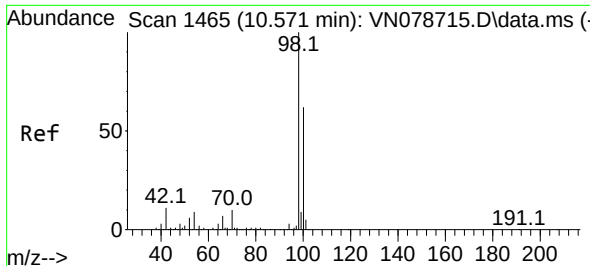


#62
Toluene
Concen: 473.609 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27



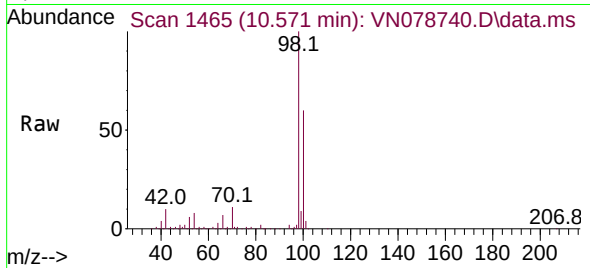
Tgt Ion: 91 Resp:12464620
Ion Ratio Lower Upper
91 100
92 57.1 45.2 67.8





#63
Toluene-d8
Concen: 29.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

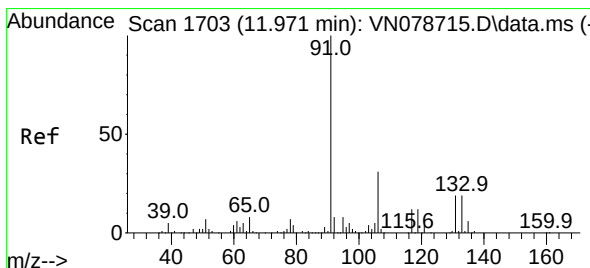
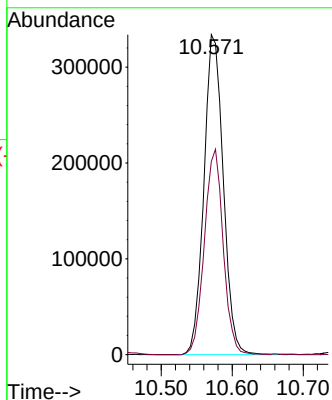
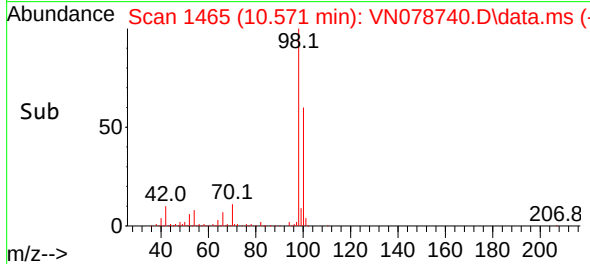
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)



Tgt Ion: 98 Resp: 633348
Ion Ratio Lower Upper
98 100
100 62.5 49.7 74.5

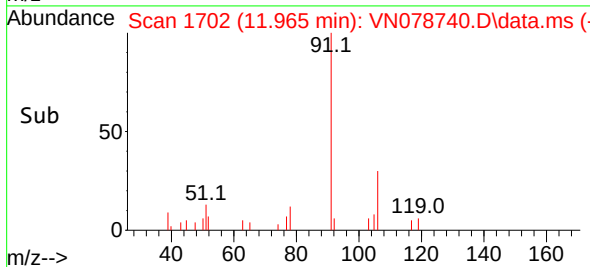
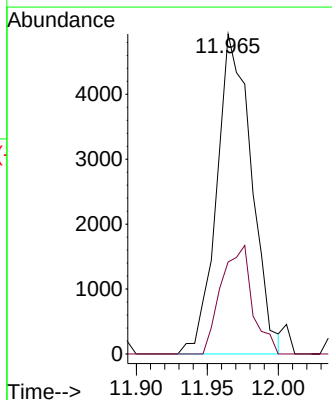
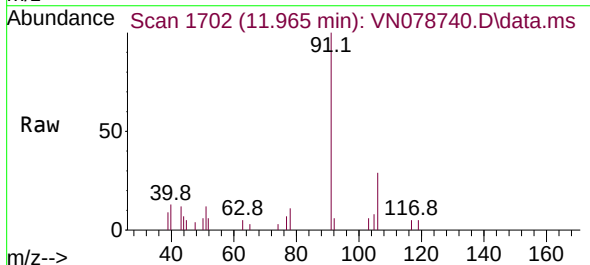
Manual Integrations
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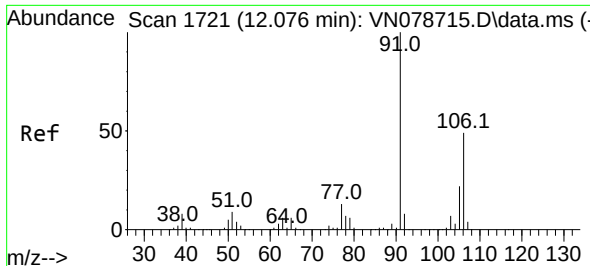
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 0.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

Tgt Ion: 91 Resp: 8413
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4





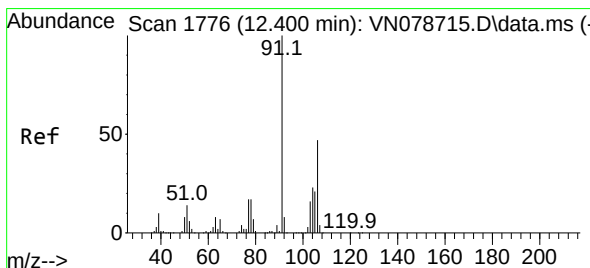
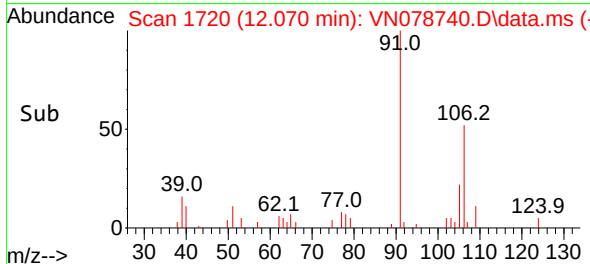
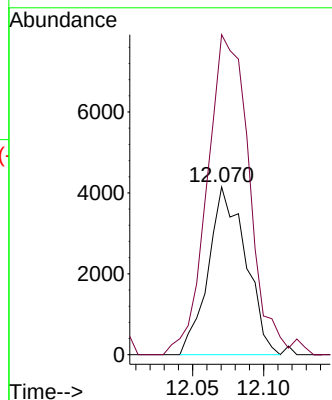
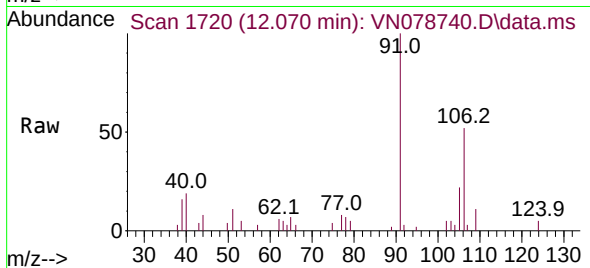
#67
m/p-Xylenes
Concen: 0.751 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

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

Tgt Ion:106 Resp: 7614
Ion Ratio Lower Upper
106 100
91 212.9 162.5 243.7

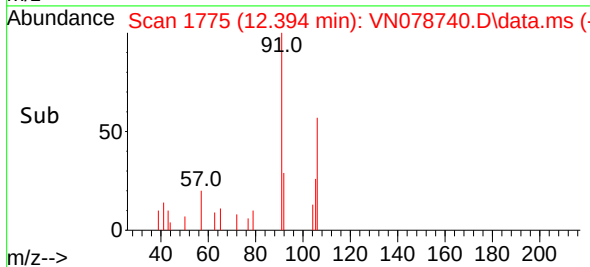
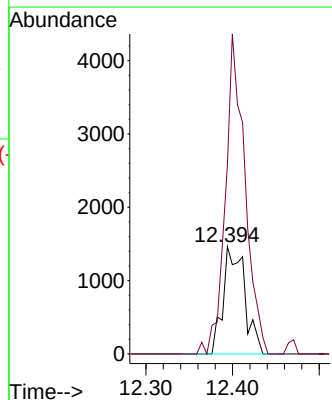
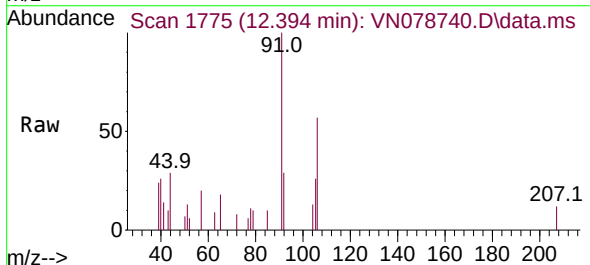
Manual Integrations
APPROVED

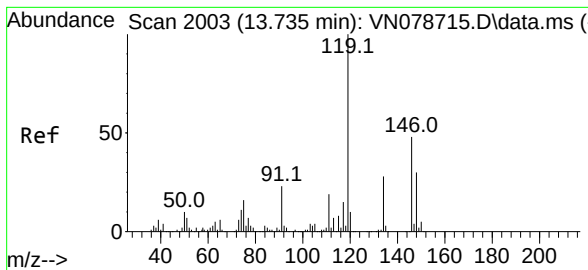
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#68
o-Xylene
Concen: 0.246 ug/l m
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN078740.D
Acq: 02 Aug 2023 20:27

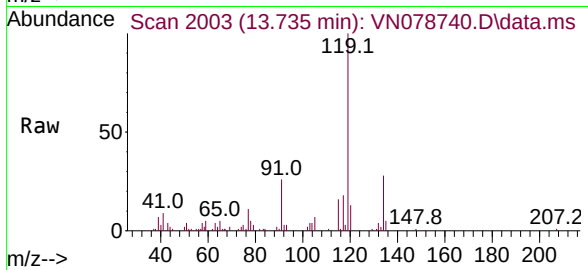
Tgt Ion:106 Resp: 2534
Ion Ratio Lower Upper
106 100
91 7.9 106.1 318.3#





#82
 p-Isopropyltoluene
 Concen: 2.446 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078740.D
 Acq: 02 Aug 2023 20:27

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



Tgt Ion:	119	Resp:	5044
Ion Ratio	Lower	Upper	
119	100		
134	26.9	0.0	52.4
91	25.5	0.0	48.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

