Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 08:55:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	423833	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	422926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	228504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143490	33.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.820%			
7) Chloroethane-d5	1.896	69	136750	34.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 68.540%#			
11) 1,1-Dichloroethene-d2	2.562	63	189838	29.920	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.840%#			
21) 2-Butanone-d5	4.620	46	259031	92.980	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.980%			
24) Chloroform-d	5.060	84	302227	43.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.340%			
26) 1,2-Dichloroethane-d4	5.700	65	195369	45.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.220%			
32) Benzene-d6	5.726	84	628865	50.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.560%			
36) 1,2-Dichloropropane-d6	6.690	67	213096	53.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.060%			
41) Toluene-d8	7.896	98	569100	49.735	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.460%			
43) trans-1,3-Dichloroprop...	8.176	79	83273	43.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.880%			
47) 2-Hexanone-d5	8.632	63	151930	93.627	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.630%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	336358	47.890	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.780%			
66) 1,2-Dichlorobenzene-d4	12.192	152	225726	46.241	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.480%			
Target Compounds						Qvalue
8) Chloroethane	1.919	64	28817	8.806	ug/L	97
13) Acetone	2.626	43	7249	3.259	ug/L	96
19) 1,1-Dichloroethane	3.864	63	18276	2.992	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	6673	1.859	ug/L	95
29) Cyclohexane	5.385	56	155382	37.732	ug/L	94
33) Benzene	5.774	78	26503	2.055	ug/L	100
35) Methylcyclohexane	6.761	83	690809	151.983	ug/L	93
42) Toluene	7.960	91	20698211m	1509.219	ug/L	
52) Ethylbenzene	9.562	91	18883854m	1290.872	ug/L	
53) m,p-Xylene	9.690	106	17753692m	3227.293	ug/L	
54) o-Xylene	10.099	106	790157	143.704	ug/L	100
61) Isopropylbenzene	10.481	105	2267577	152.762	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	92848	7.649	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	730926	60.082	ug/L	100

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

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ClientSampleId :
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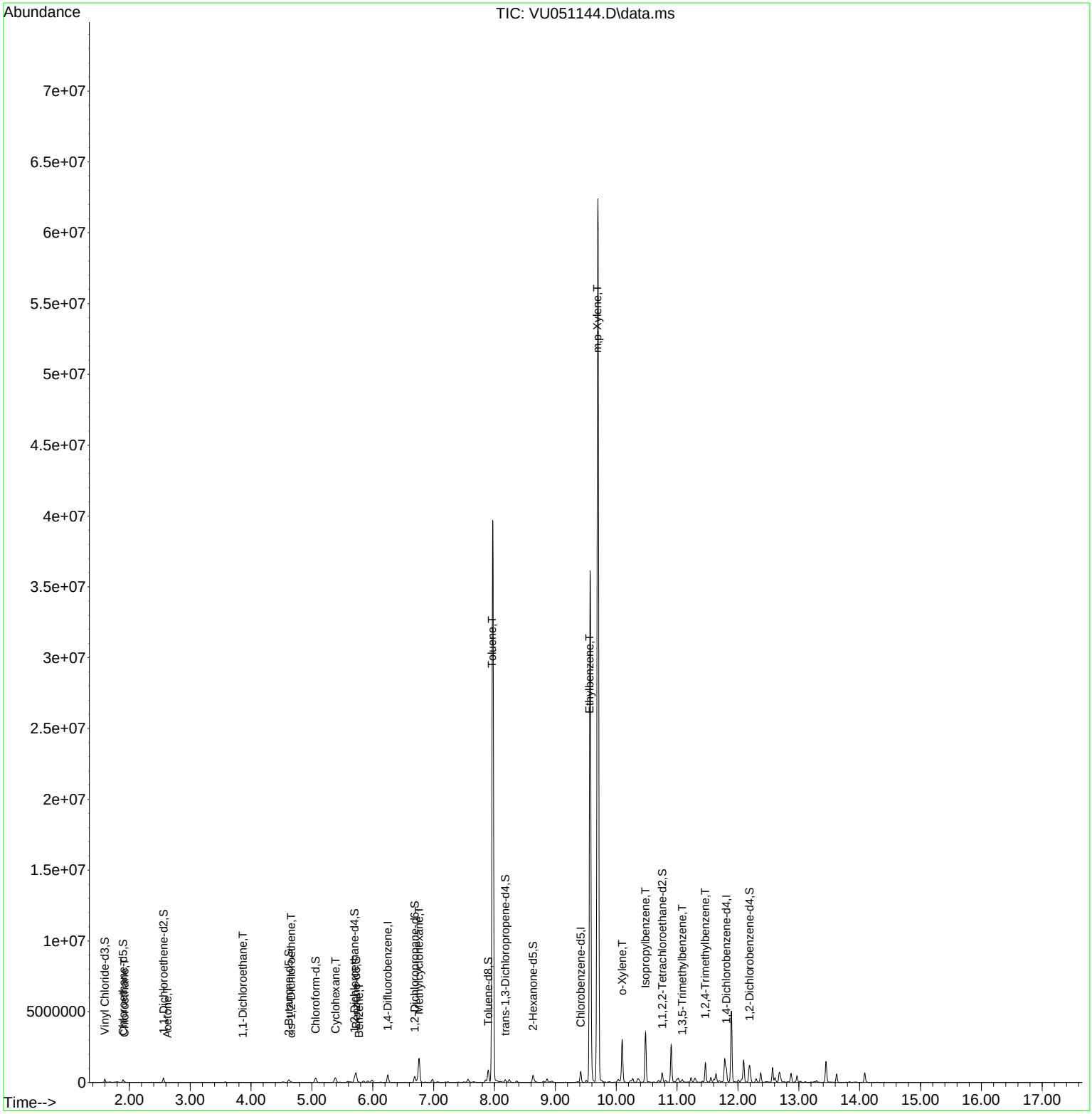
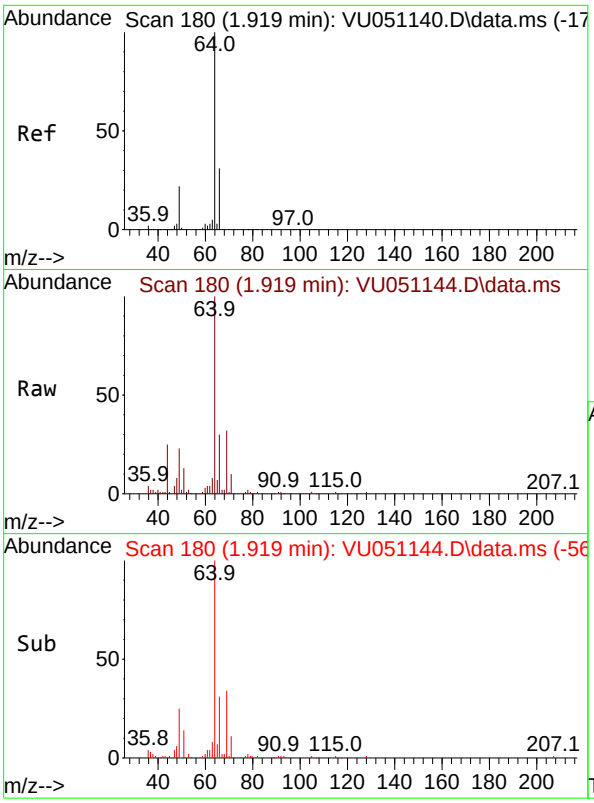
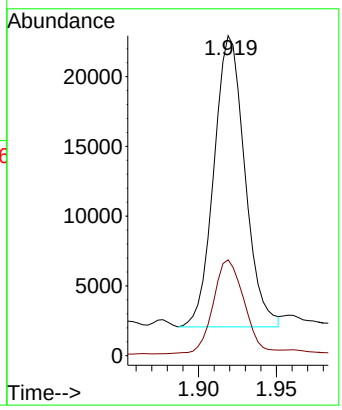




#8
Chloroethane
Concen: 8.806 ug/L
RT: 1.919 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 64 Resp: 2881

Ion	Ratio	Lower	Upper
64	100		
66	29.9	22.3	41.3



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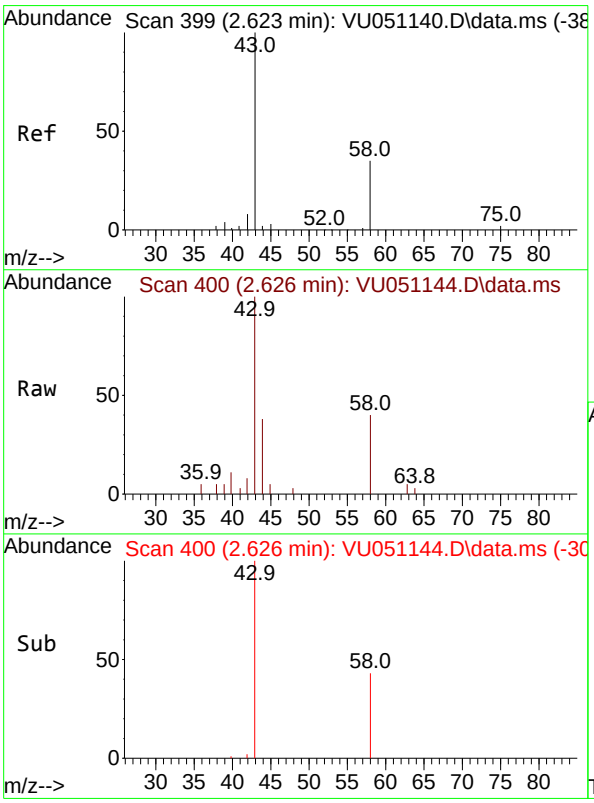
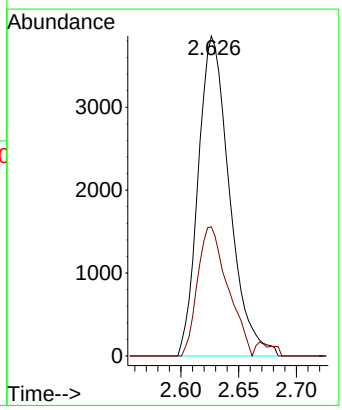
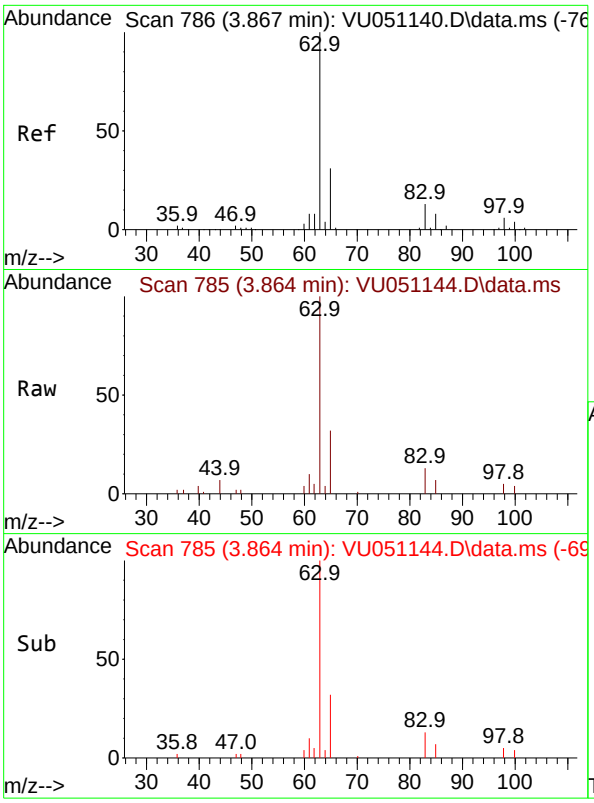


#13
Acetone
Concen: 3.259 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 43 Resp: 7249

Ion	Ratio	Lower	Upper
43	100		
58	39.0	0.0	73.6

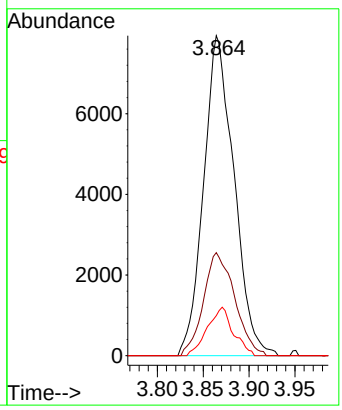




#19
1,1-Dichloroethane
Concen: 2.992 ug/L
RT: 3.864 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 63 Resp: 1827

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.6	42.0
83	12.5	9.4	17.4



Instrument :
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ClientSampleId :
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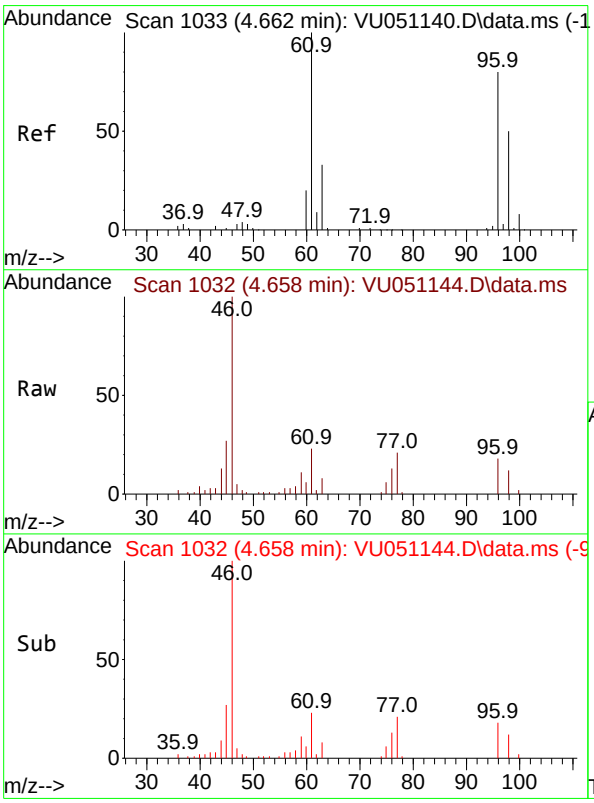
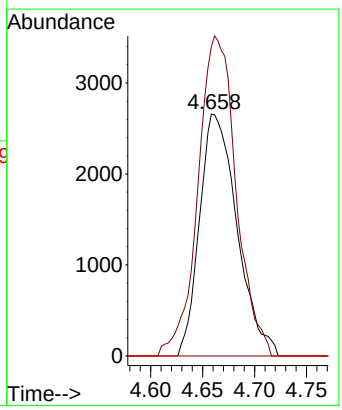
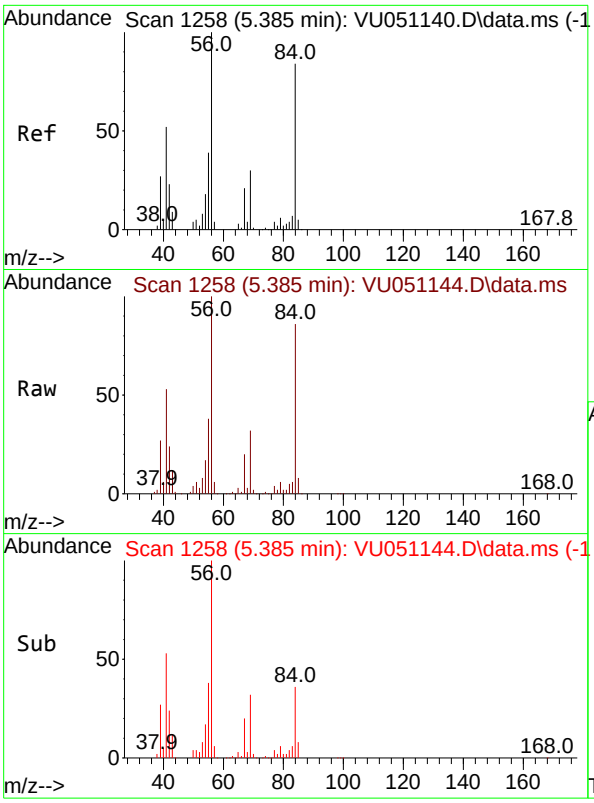


#20
cis-1,2-Dichloroethene
Concen: 1.859 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 96 Resp: 6673

Ion	Ratio	Lower	Upper
96	100		
61	127.8	85.4	158.6
68	0.0	0.0	0.0





#29
Cyclohexane
Concen: 37.732 ug/L
RT: 5.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 56 Resp: 15538

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.8	37.2
84	82.0	71.8	107.6

Instrument :
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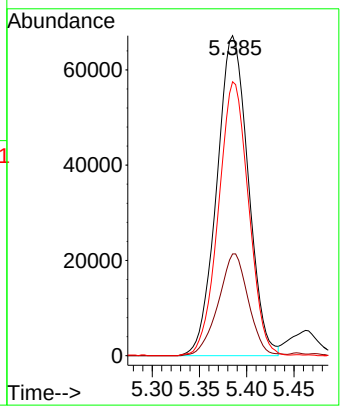
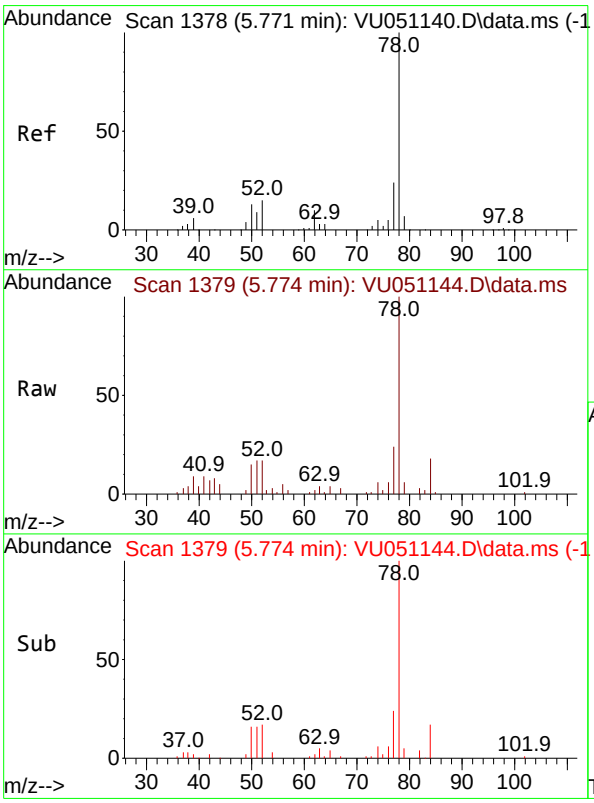
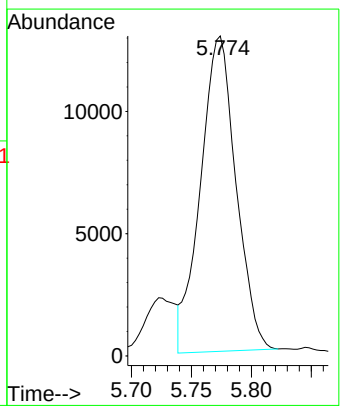
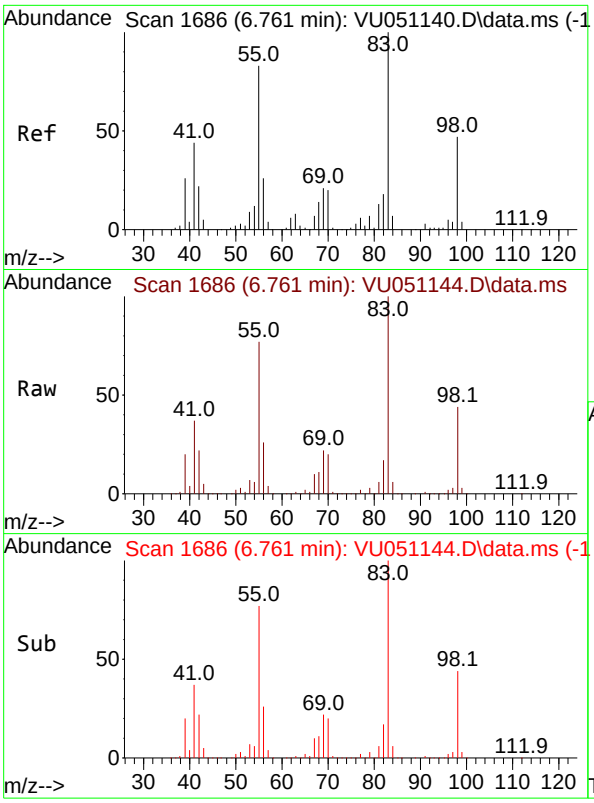




#33
Benzene
Concen: 2.055 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 78 Resp: 26503





#35
Methylcyclohexane
Concen: 151.983 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 83 Resp: 690809

Ion	Ratio	Lower	Upper
83	100		
55	82.4	59.3	88.9
98	44.1	36.0	54.0

Instrument :
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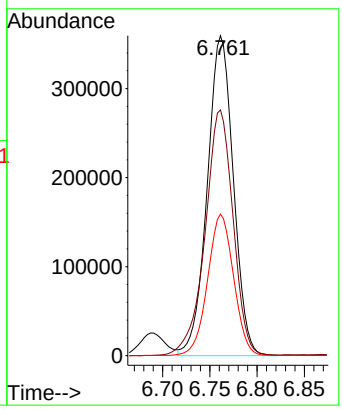
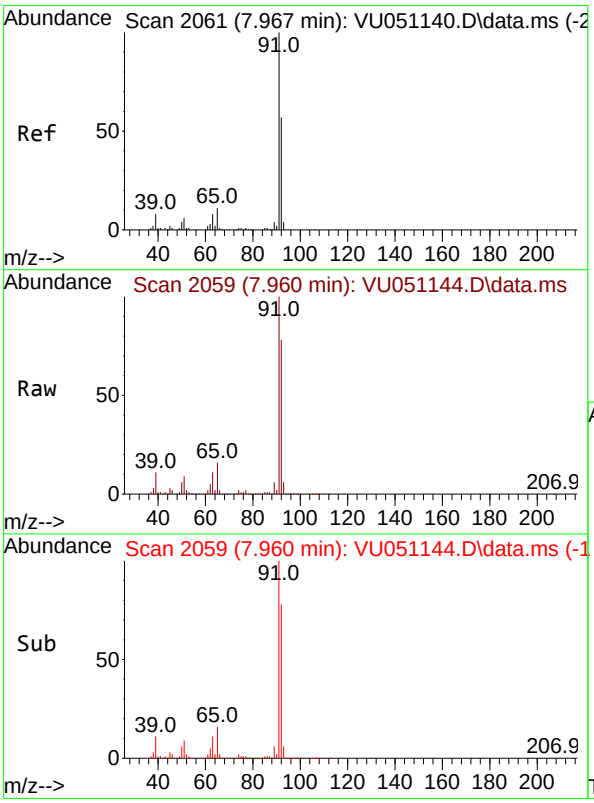
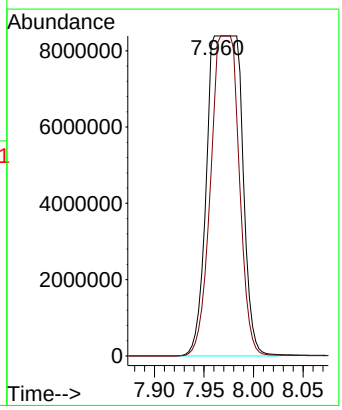


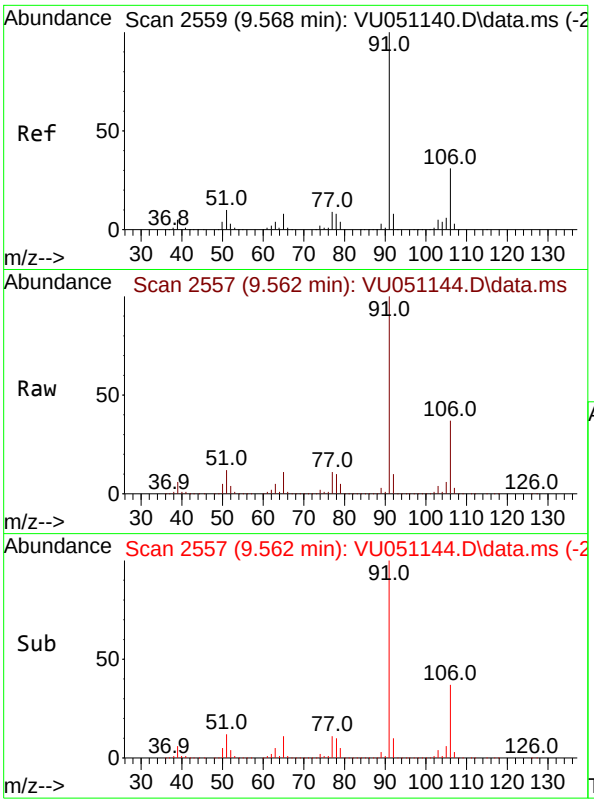


#42
Toluene
Concen: 1509.219 ug/L m
RT: 7.960 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 91 Resp:20698211

Ion	Ratio	Lower	Upper
91	100		
92	78.2	40.1	74.5#





#52
Ethylbenzene
Concen: 1290.872 ug/L m
RT: 9.562 min Scan# 2
Delta R.T. -0.006 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion: 91 Resp:1888385

Ion	Ratio	Lower	Upper
91	100		
106	37.2	21.7	40.3

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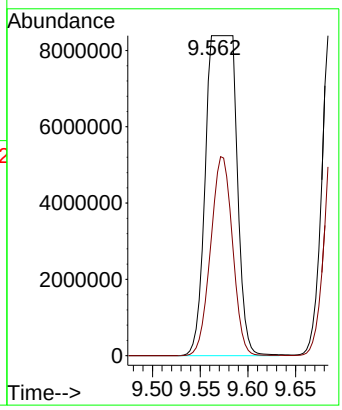
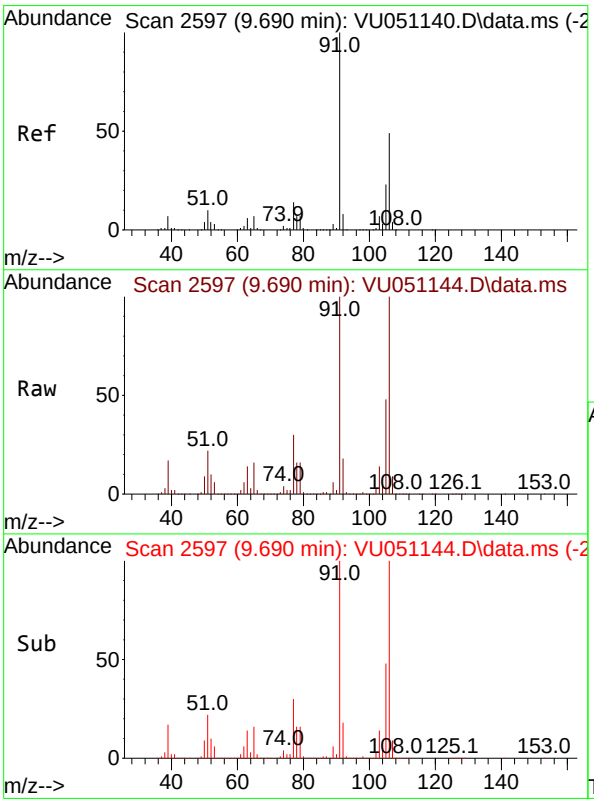
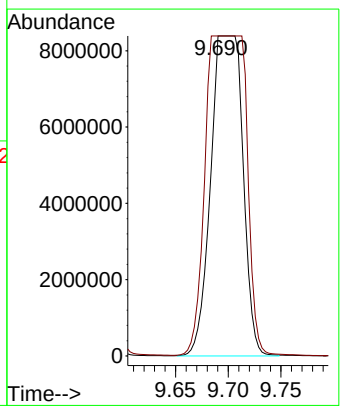


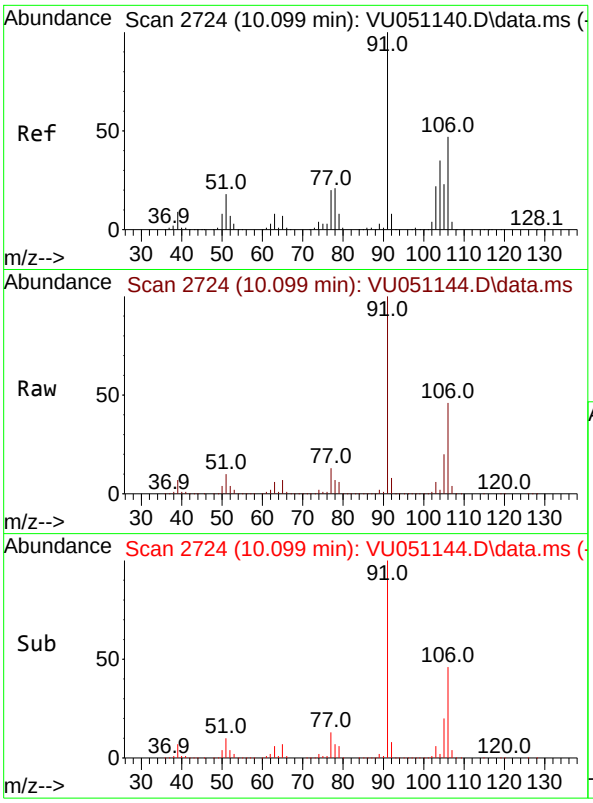


#53
m,p-Xylene
Concen: 3227.293 ug/L m
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion:106 Resp:17753692

Ion	Ratio	Lower	Upper
106	100		
91	100.0	141.9	263.5#





#54
o-Xylene
Concen: 143.704 ug/L
RT: 10.099 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion:106 Resp: 79015

Ion	Ratio	Lower	Upper
106	100		
91	218.3	152.4	283.0

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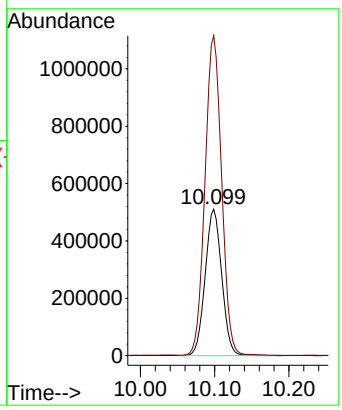
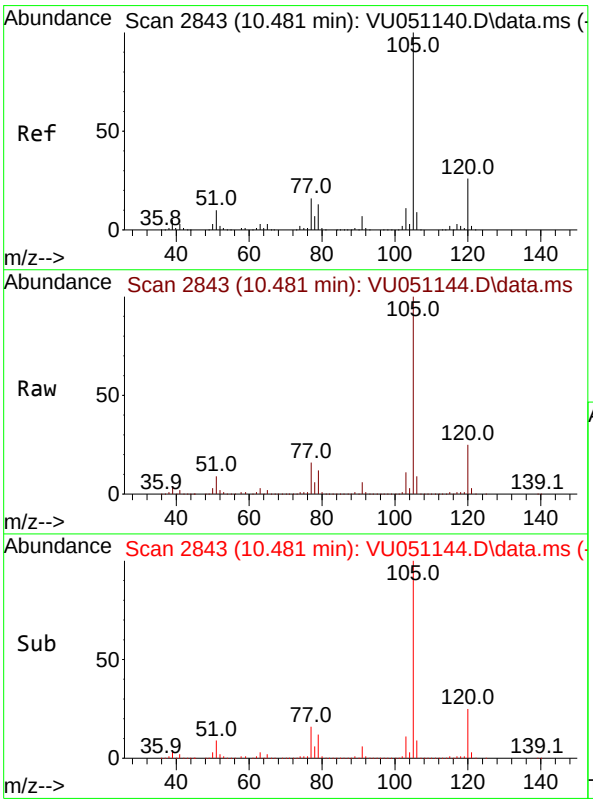
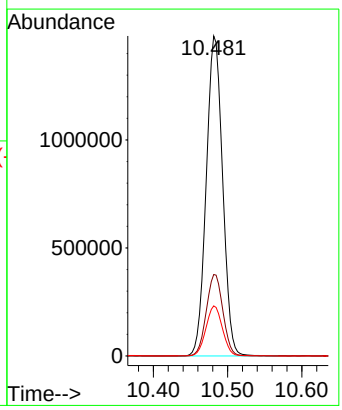


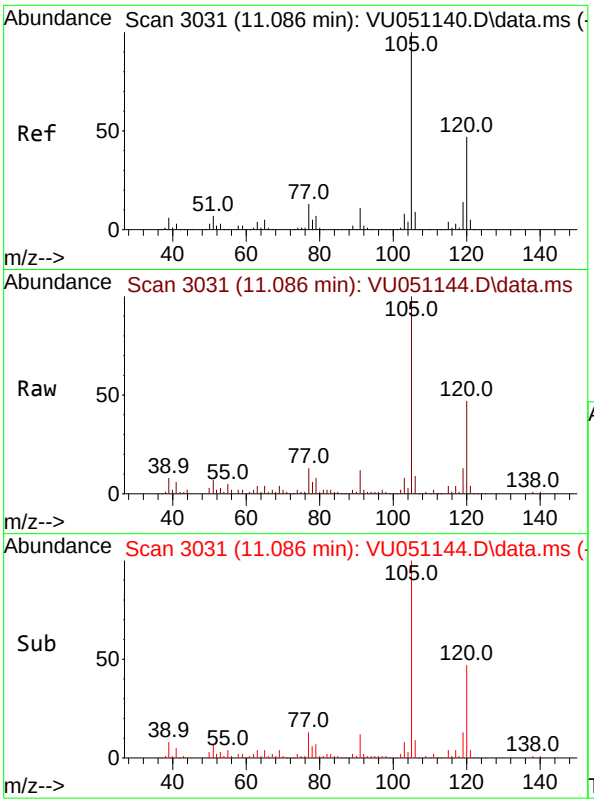


#61
Isopropylbenzene
Concen: 152.762 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion:105 Resp: 2267577

Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.1	31.7
77	15.7	12.8	19.2





#62
1,3,5-Trimethylbenzene
Concen: 7.649 ug/L
RT: 11.086 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion:105 Resp: 9284

Ion	Ratio	Lower	Upper
105	100		
120	48.4	37.8	56.8

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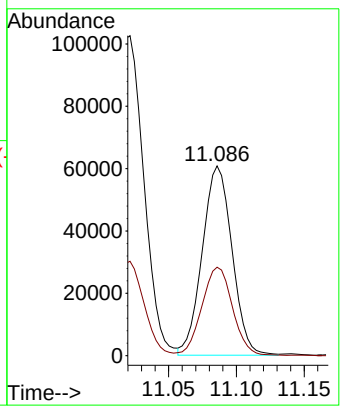

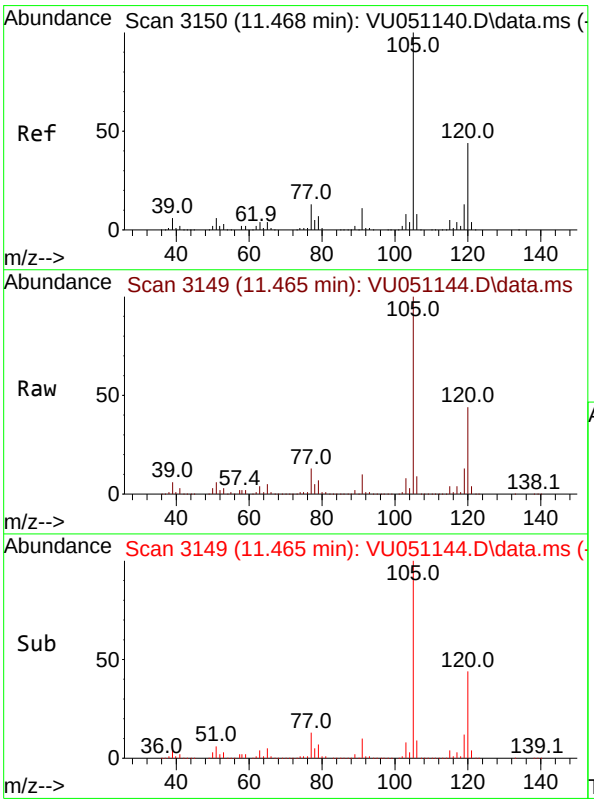

#63
1,2,4-Trimethylbenzene
Concen: 60.082 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051144.D
Acq: 05 Oct 2022 22:42

Tgt Ion:105 Resp: 730926

Ion	Ratio	Lower	Upper
105	100		
120	44.3	35.5	53.3