Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027092.D
Acq On : 29 Jul 2022 18:09
Operator : SY/MD
Sample : N3899-04 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUR3

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Jul 30 00:09:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 00:04:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	537038	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	537905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	256197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	217563	42.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.160%			
7) Chloroethane-d5	1.565	69	179276	44.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.580%			
11) 1,1-Dichloroethene-d2	2.101	63	289222	33.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.500%			
21) 2-Butanone-d5	3.886	46	190703	65.459	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 65.460%			
24) Chloroform-d	4.343	84	392553	42.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.320%			
26) 1,2-Dichloroethane-d4	5.027	65	232492	44.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.020%			
32) Benzene-d6	5.043	84	795765	42.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.260%			
36) 1,2-Dichloropropane-d6	6.066	67	259123	44.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.640%			
41) Toluene-d8	7.313	98	675617	39.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.140%#			
43) trans-1,3-Dichloroprop...	7.619	79	101146	39.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.200%			
47) 2-Hexanone-d5	8.088	63	212653	85.562	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.560%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	369243	42.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.720%			
66) 1,2-Dichlorobenzene-d4	11.622	152	265546	46.108	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.220%			
Target Compounds						Qvalue
13) Acetone	2.169	43	95392	44.208	ug/L	65
14) Carbon disulfide	2.288	76	11327	0.913	ug/L	99
22) 2-Butanone	3.986	43	17960m	7.545	ug/L	
33) Benzene	5.098	78	18527	1.069	ug/L	100
52) Ethylbenzene	9.014	91	53936	2.980	ug/L	99
53) m,p-Xylene	9.143	106	8265	1.161	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	13772	2.522	ug/L	100

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

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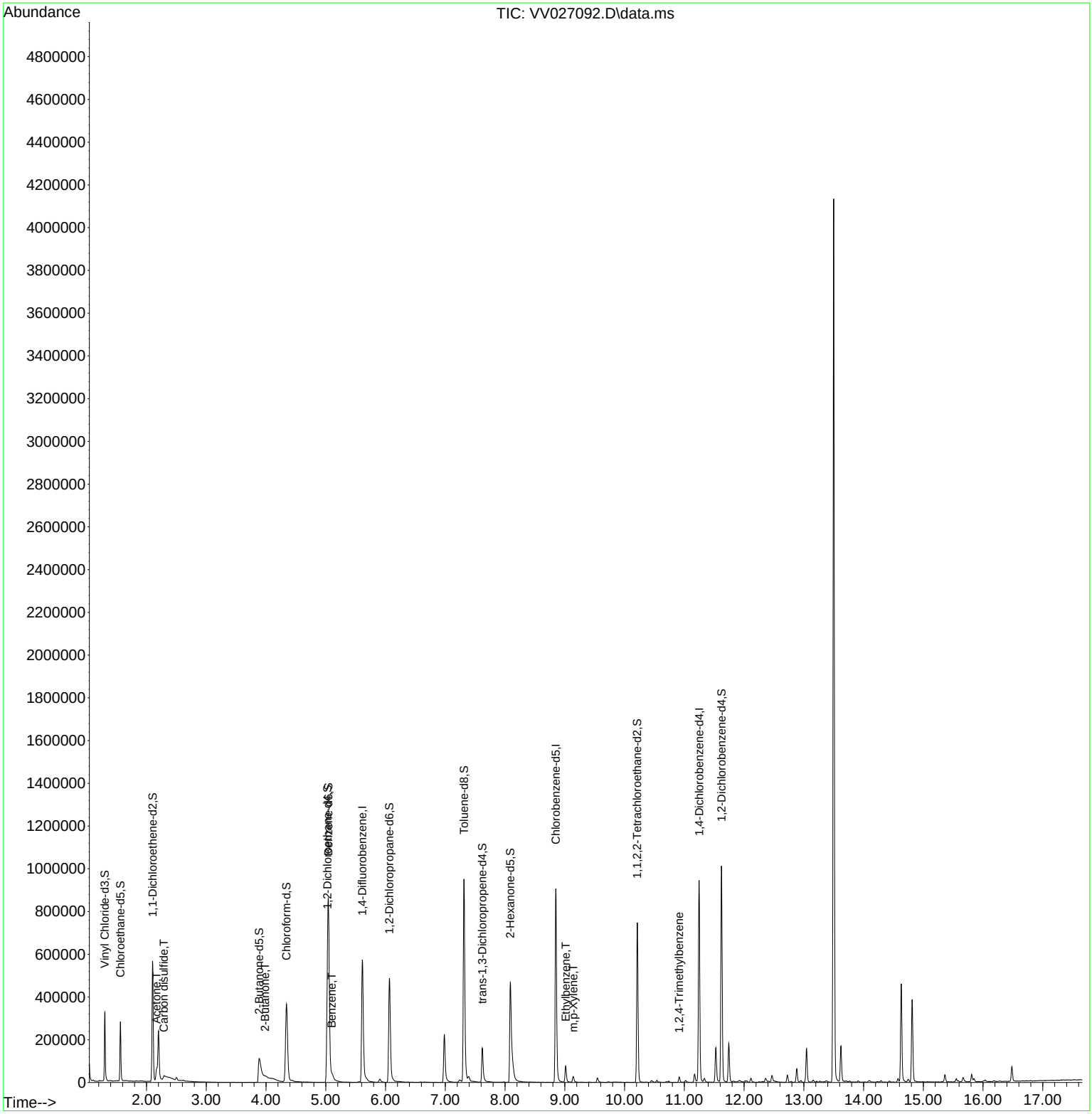
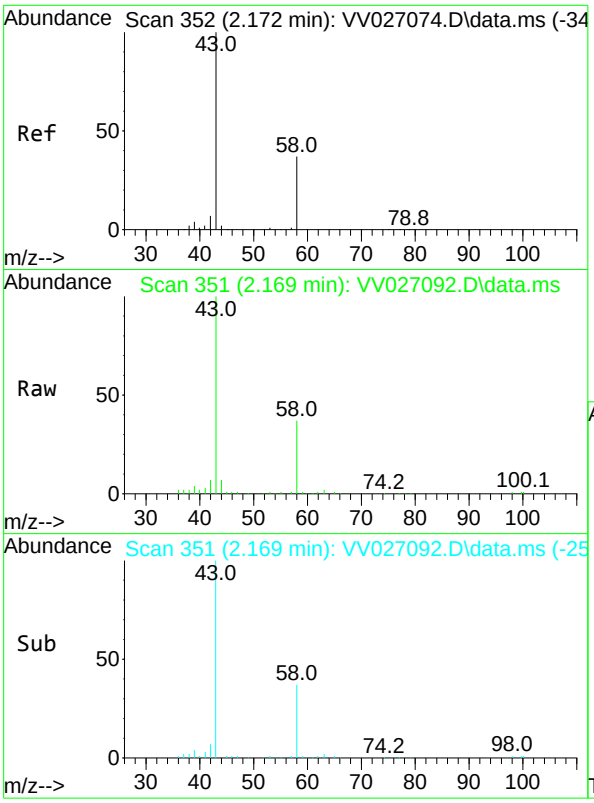
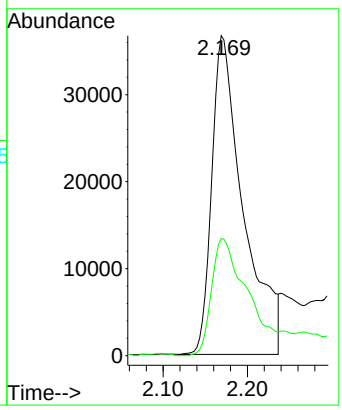




#13
Acetone
Concen: 44.208 ug/L
RT: 2.169 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 43 Resp: 9539

Ion	Ratio	Lower	Upper
43	100		
58	42.1	0.0	49.6



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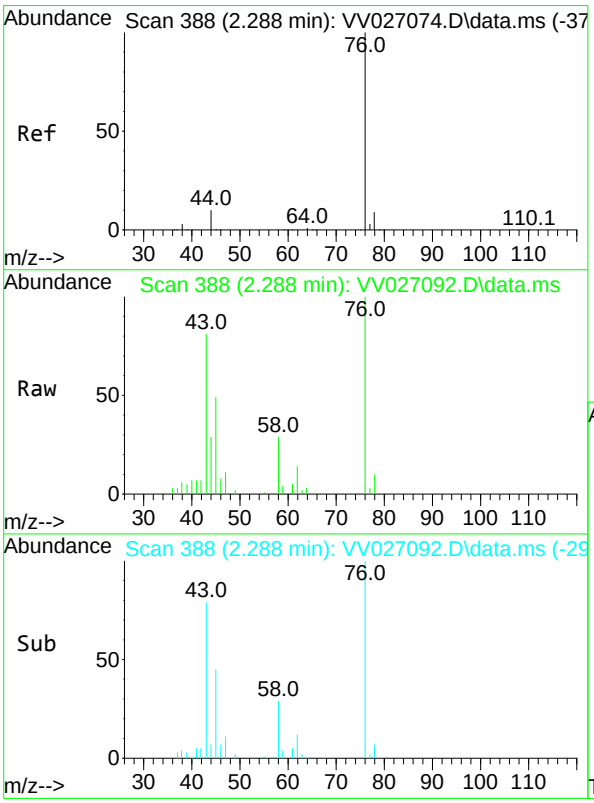
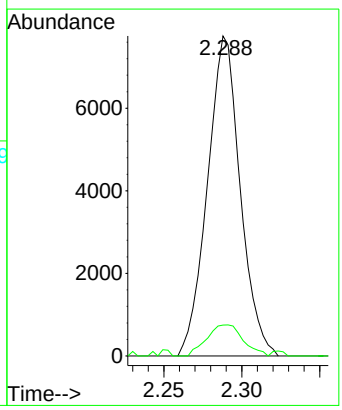
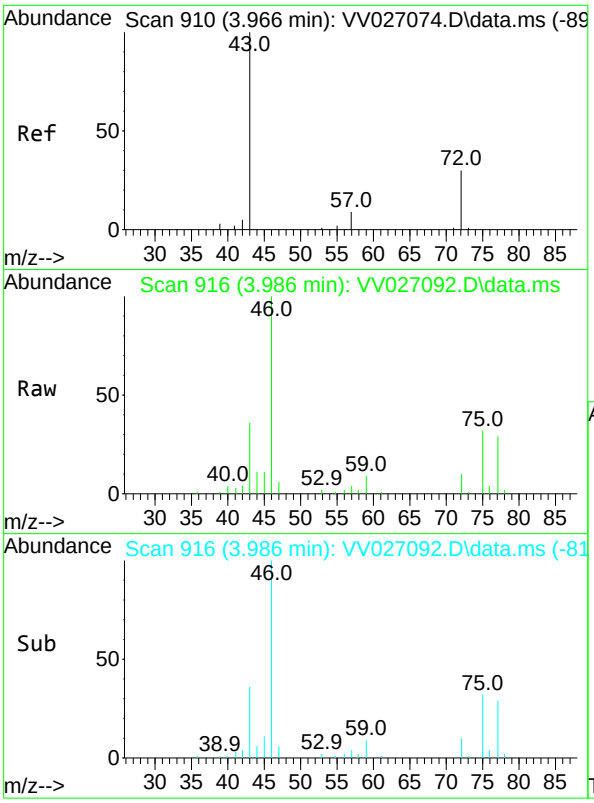


#14
Carbon disulfide
Concen: 0.913 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 76 Resp: 11327

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9





#22
2-Butanone
Concen: 7.545 ug/L m
RT: 3.986 min Scan# 9
Delta R.T. 0.019 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 43 Resp: 1796

Ion	Ratio	Lower	Upper
43	100		
72	2.5	11.9	35.7#

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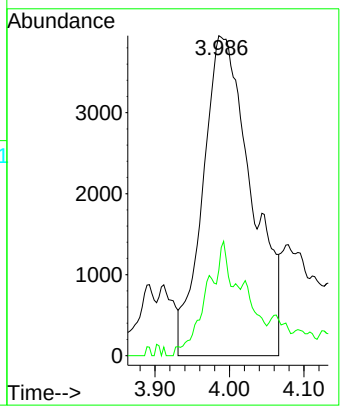
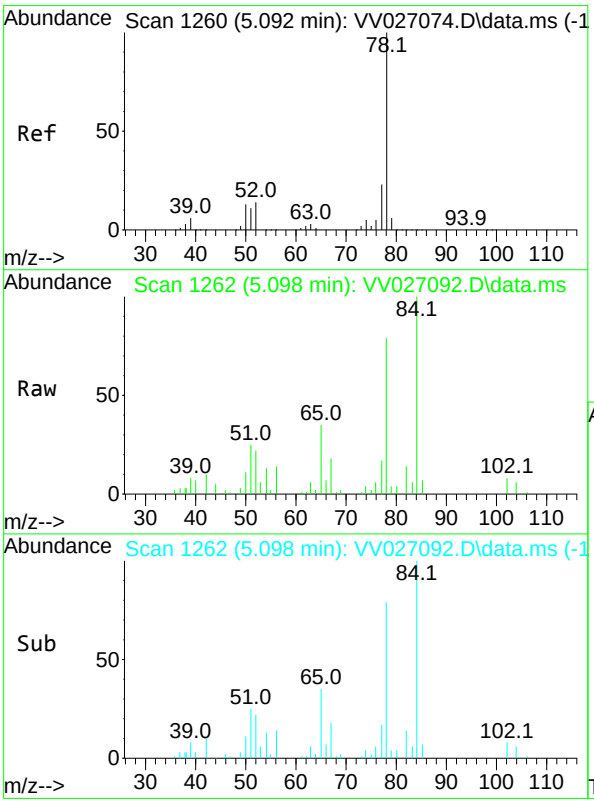
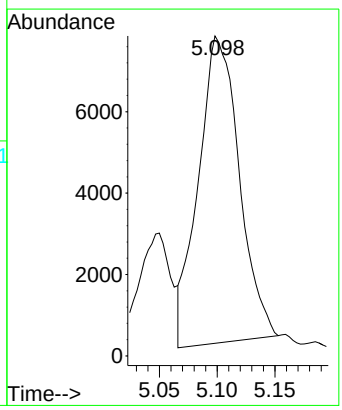
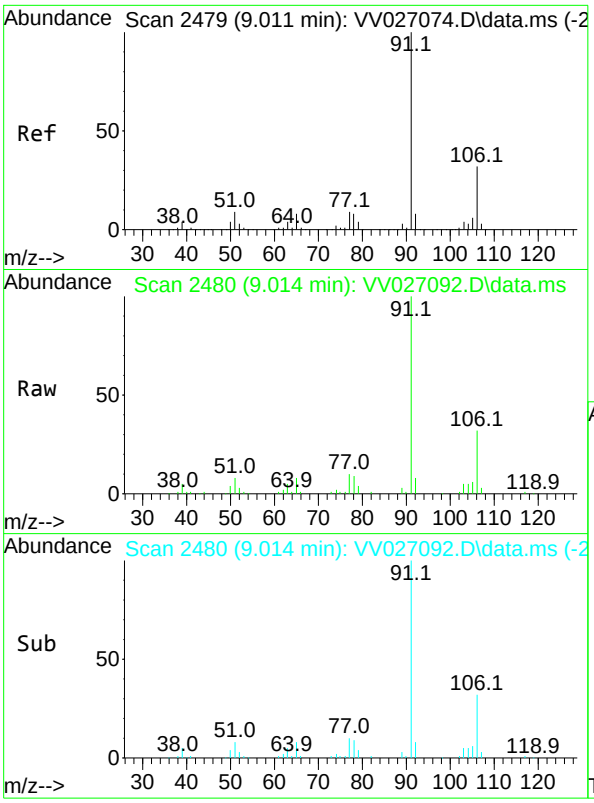




#33
Benzene
Concen: 1.069 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 78 Resp: 18527





#52
Ethylbenzene
Concen: 2.980 ug/L
RT: 9.014 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion: 91 Resp: 5393

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.8	40.6

Instrument :
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ClientSampleId :
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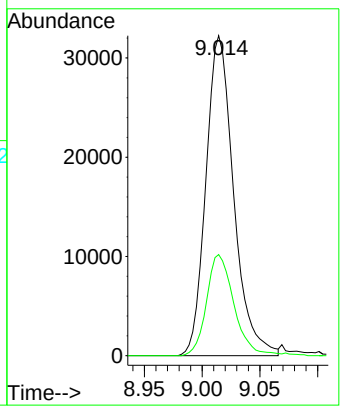
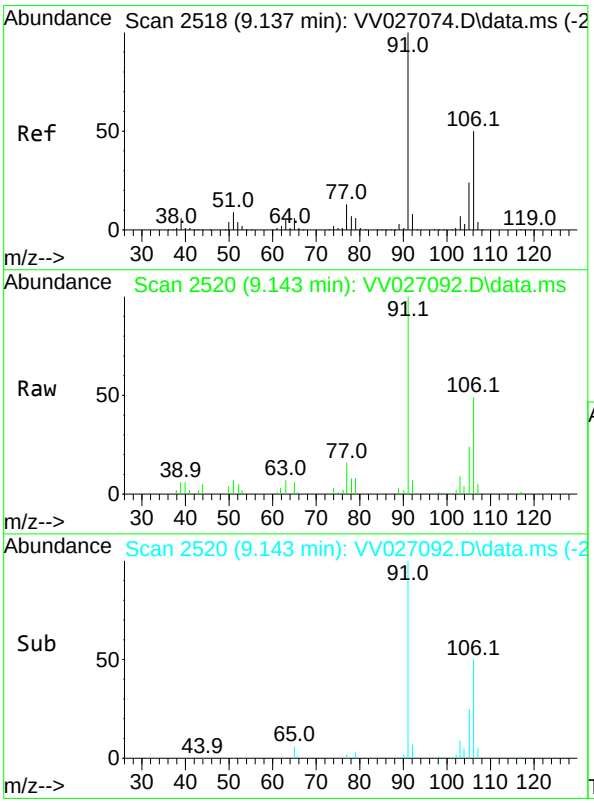
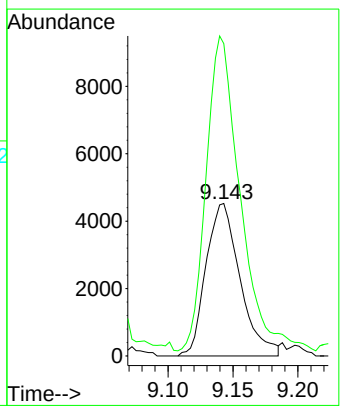


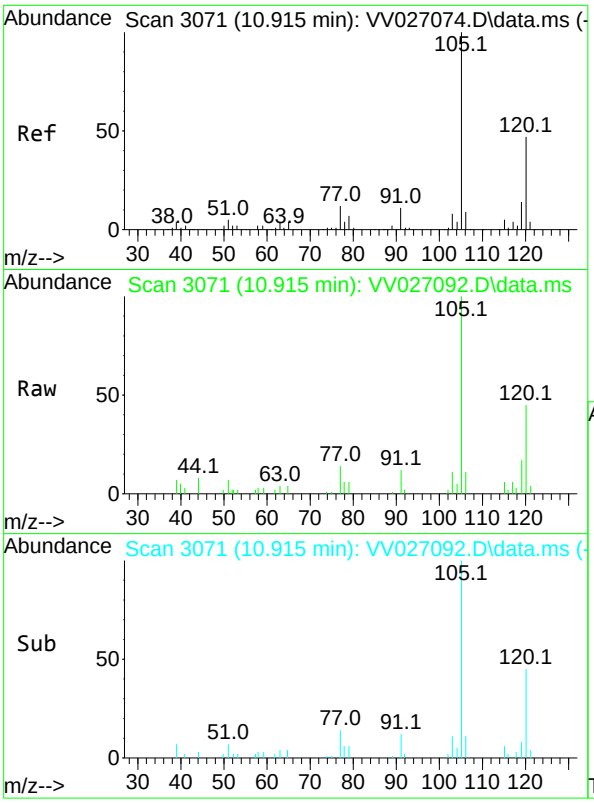


#53
m,p-Xylene
Concen: 1.161 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion:106 Resp: 8265

Ion	Ratio	Lower	Upper
106	100		
91	204.8	137.5	255.3

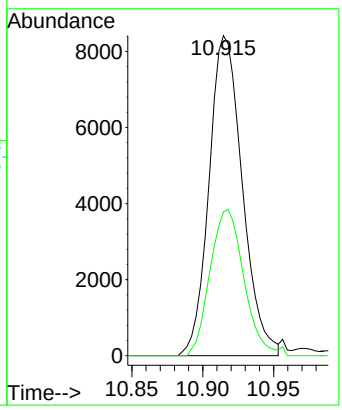




#63
1,2,4-Trimethylbenzene
Concen: 2.522 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV027092.D
Acq: 29 Jul 2022 18:09

Tgt Ion:105 Resp: 1377

Ion	Ratio	Lower	Upper
105	100		
120	46.1	37.0	55.6



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