Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
Data File : VV021948.D
Acq On : 25 Aug 2021 14:47
Operator : SY/MD
Sample : M3526-07ME
Misc : 6.19g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW7B9ME

Manual Integrations APPROVED
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Quant Time: Aug 26 05:19:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	436599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	410509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	227748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	109621	32.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.240%			
7) Chloroethane-d5	1.529	69	27631	10.728	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 21.460%#			
11) 1,1-Dichloroethene-d2	2.072	63	127543	23.475	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.960%#			
21) 2-Butanone-d5	3.895	46	173172	81.578	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.580%			
24) Chloroform-d	4.346	84	218094	36.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.760%			
26) 1,2-Dichloroethane-d4	5.030	65	144948	42.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.220%			
32) Benzene-d6	5.043	84	485966	41.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.340%			
36) 1,2-Dichloropropane-d6	6.072	67	158197	43.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.060%			
41) Toluene-d8	7.317	98	479332	43.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.860%			
43) trans-1,3-Dichloroprop...	7.625	79	68174	37.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.360%			
47) 2-Hexanone-d5	8.104	63	133928	111.157	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.160%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	236144	51.837	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.680%			
66) 1,2-Dichlorobenzene-d4	11.628	152	207149	43.950	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.900%			
Target Compounds						Qvalue
16) Methylene chloride	2.494	84	8207	2.286	ug/L #	69
25) Chloroform	4.387	83	14049	2.422	ug/L	95
29) Cyclohexane	4.661	56	182229	36.044	ug/L #	79
35) Methylcyclohexane	6.127	83	1116244	210.765	ug/L	94
52) Ethylbenzene	9.021	91	25502	1.772	ug/L	97
53) m,p-Xylene	9.146	106	12953	2.322	ug/L	74
60) Isopropylbenzene	9.937	105	97062m	6.357	ug/L	
62) 1,3,5-Trimethylbenzene	10.545	105	11449	0.894	ug/L	97

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

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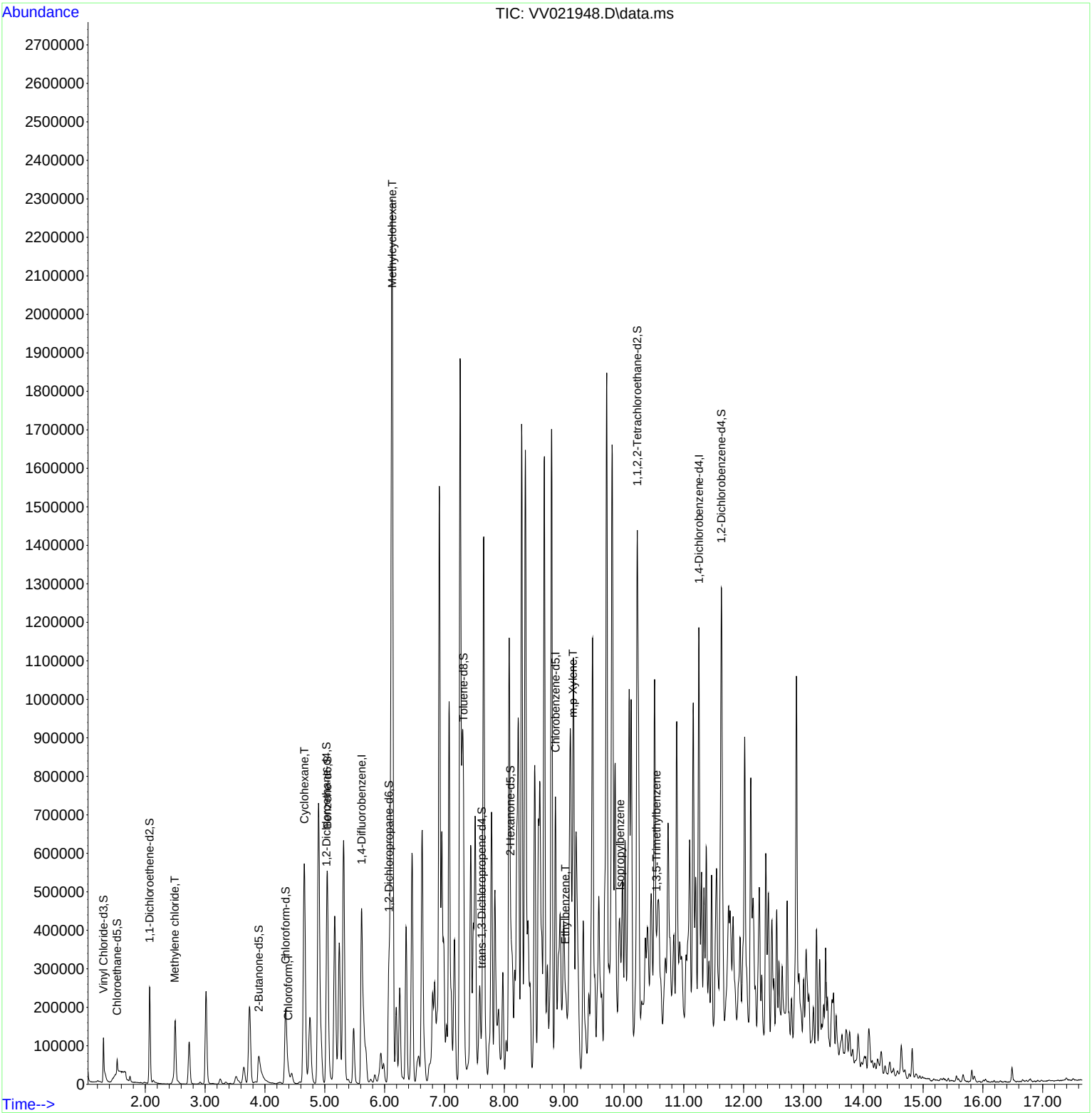
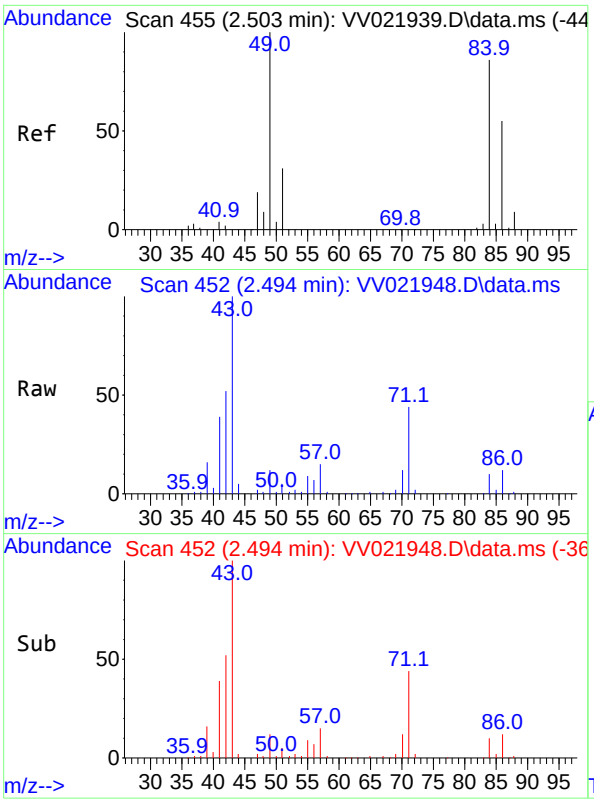
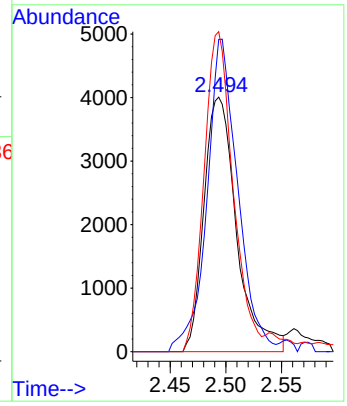




#16
Methylene chloride
Concen: 2.286 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 84 Resp: 8207

Ion	Ratio	Lower	Upper
84	100		
86	122.7	44.7	83.1#
49	125.7	82.5	153.3



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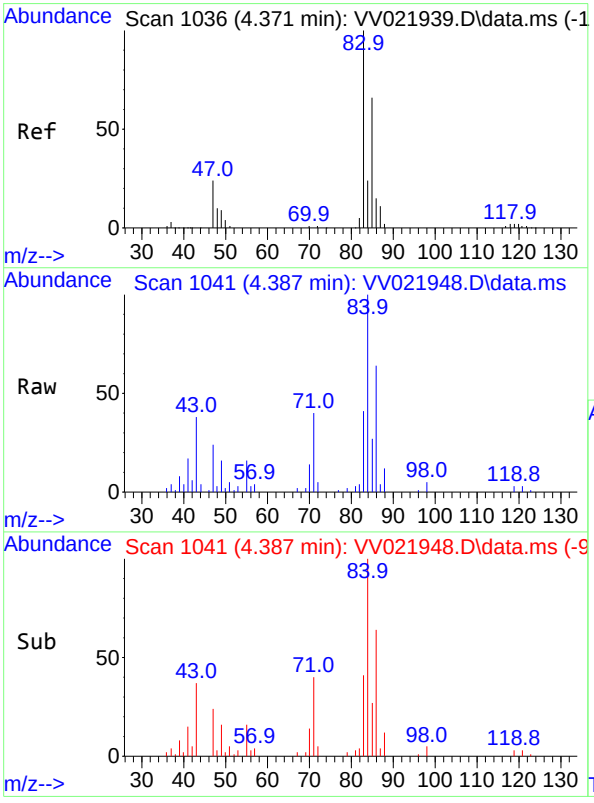
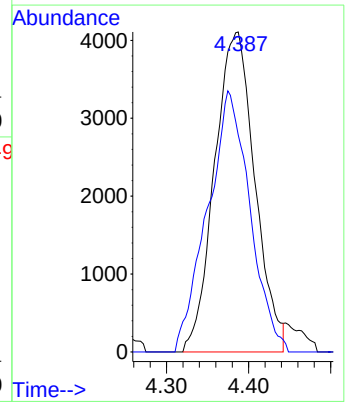
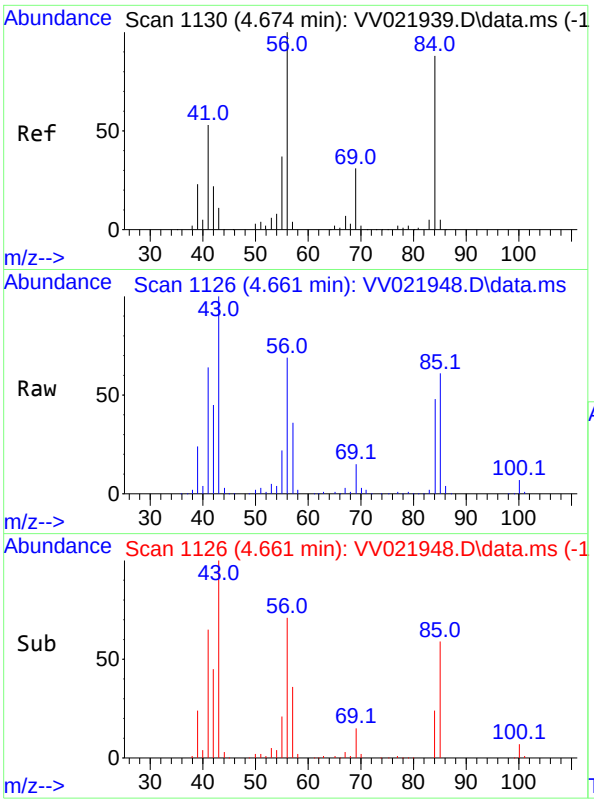


#25
Chloroform
Concen: 2.422 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.016 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 83 Resp: 14049

Ion	Ratio	Lower	Upper
83	100		
85	67.8	44.8	83.2

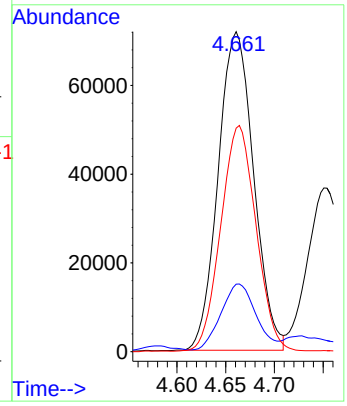


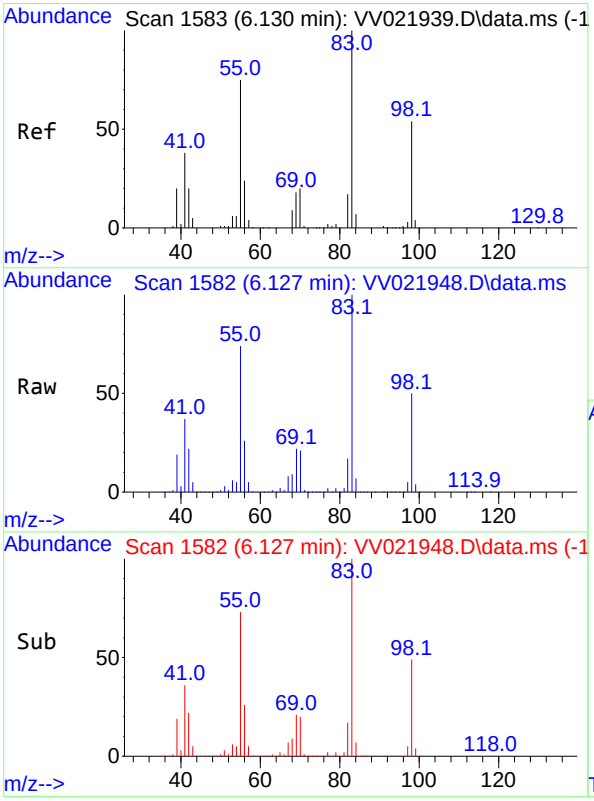


#29
Cyclohexane
Concen: 36.044 ug/L
RT: 4.661 min Scan# 1126
Delta R.T. -0.013 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 56 Resp: 182229

Ion	Ratio	Lower	Upper
56	100		
69	20.2	24.9	37.3#
84	70.3	72.6	109.0#

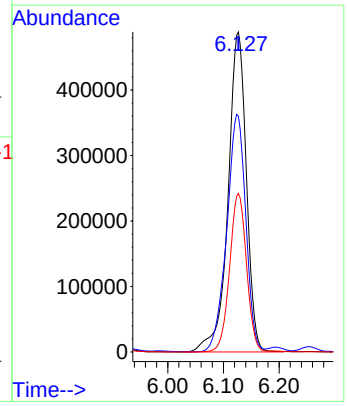




#35
Methylcyclohexane
Concen: 210.765 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 83 Resp: 1116244

Ion	Ratio	Lower	Upper
83	100		
55	77.3	57.9	86.9
98	45.7	39.9	59.9



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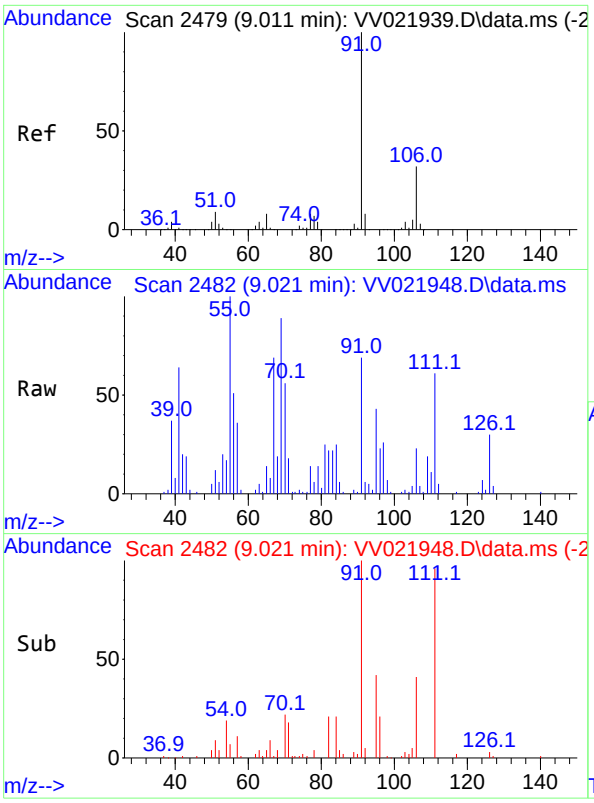
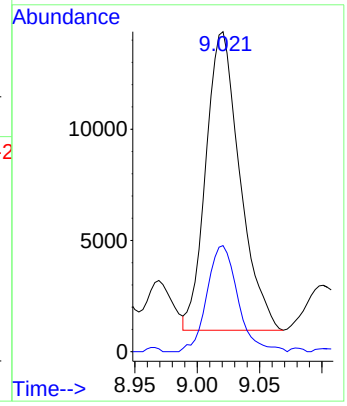
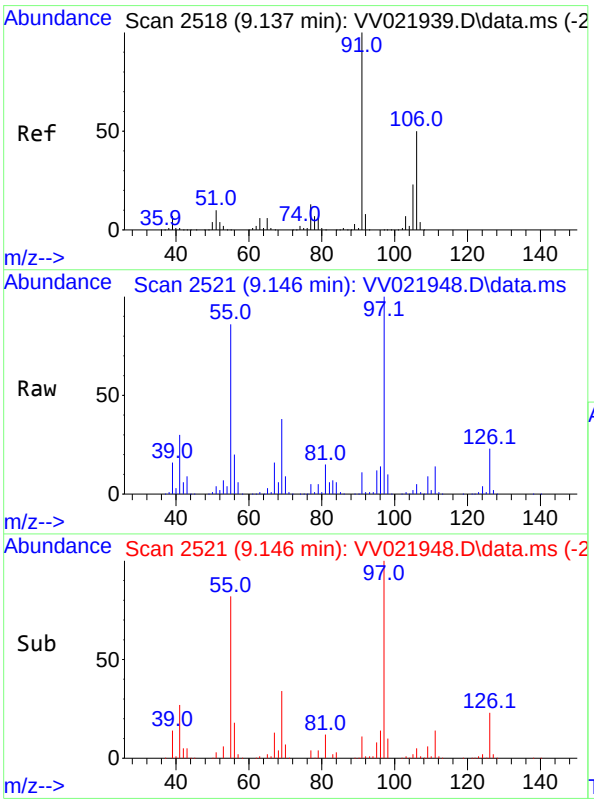


#52
Ethylbenzene
Concen: 1.772 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.009 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 91 Resp: 25502

Ion	Ratio	Lower	Upper
91	100		
106	33.2	22.2	41.2

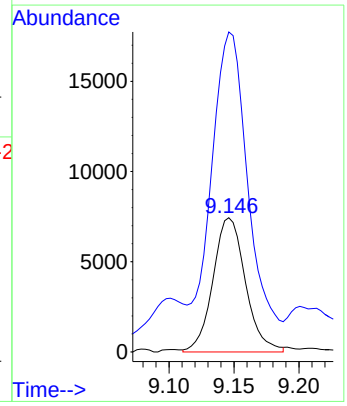


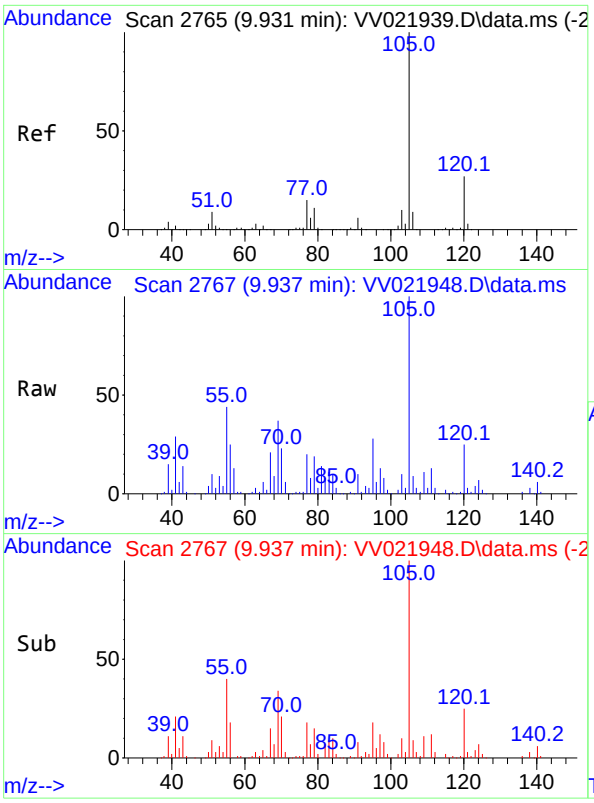


#53
m,p-Xylene
Concen: 2.322 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion:106 Resp: 12953

Ion	Ratio	Lower	Upper
106	100		
91	238.3	139.2	258.6

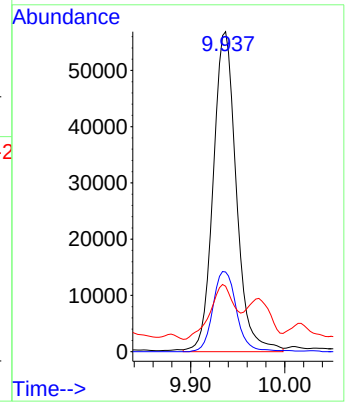




#60
Isopropylbenzene
Concen: 6.357 ug/L m
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion:105 Resp: 97062

Ion	Ratio	Lower	Upper
105	100		
120	54.2	21.3	31.9#
77	21.4	11.8	17.8#



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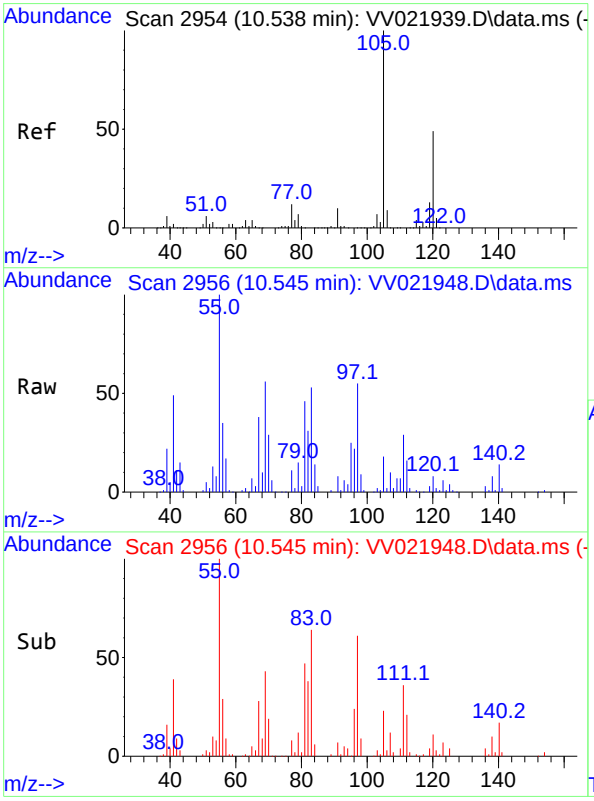

#62
1,3,5-Trimethylbenzene
Concen: 0.894 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion:105 Resp: 11449

Ion	Ratio	Lower	Upper
105	100		
120	48.3	40.2	60.4