Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
Data File : VV021952.D
Acq On : 25 Aug 2021 16:23
Operator : SY/MD
Sample : M3526-08MEDL 5X
Misc : 3.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : EW7C0MEDL

Quant Time: Aug 26 05:20:31 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	420137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	399257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	226855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101852	31.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.020%			
7) Chloroethane-d5	1.539	69	83886	33.845	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 67.680%#			
11) 1,1-Dichloroethene-d2	2.095	63	133759	25.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.160%#			
21) 2-Butanone-d5	3.876	46	161414	79.018	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.020%			
24) Chloroform-d	4.346	84	209047	36.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.480%			
26) 1,2-Dichloroethane-d4	5.030	65	137590	42.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.060%			
32) Benzene-d6	5.046	84	471166	41.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.080%			
36) 1,2-Dichloropropane-d6	6.069	67	148548	41.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.100%			
41) Toluene-d8	7.316	98	452265	42.619	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.240%			
43) trans-1,3-Dichloroprop...	7.625	79	68786	39.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.180%			
47) 2-Hexanone-d5	8.088	63	111737	95.353	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.350%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	197563	44.590	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.180%			
66) 1,2-Dichlorobenzene-d4	11.625	152	205582	43.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.580%			
Target Compounds						Qvalue
16) Methylene chloride	2.500	84	4968	1.438	ug/L	88
25) Chloroform	4.374	83	14029	2.513	ug/L	77
29) Cyclohexane	4.670	56	39161	7.964	ug/L	91
35) Methylcyclohexane	6.130	83	231351	44.914	ug/L	94
52) Ethylbenzene	9.021	91	11390	0.814	ug/L	99
53) m,p-Xylene	9.146	106	7358	1.356	ug/L	90
60) Isopropylbenzene	9.934	105	34084	2.241	ug/L	98

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

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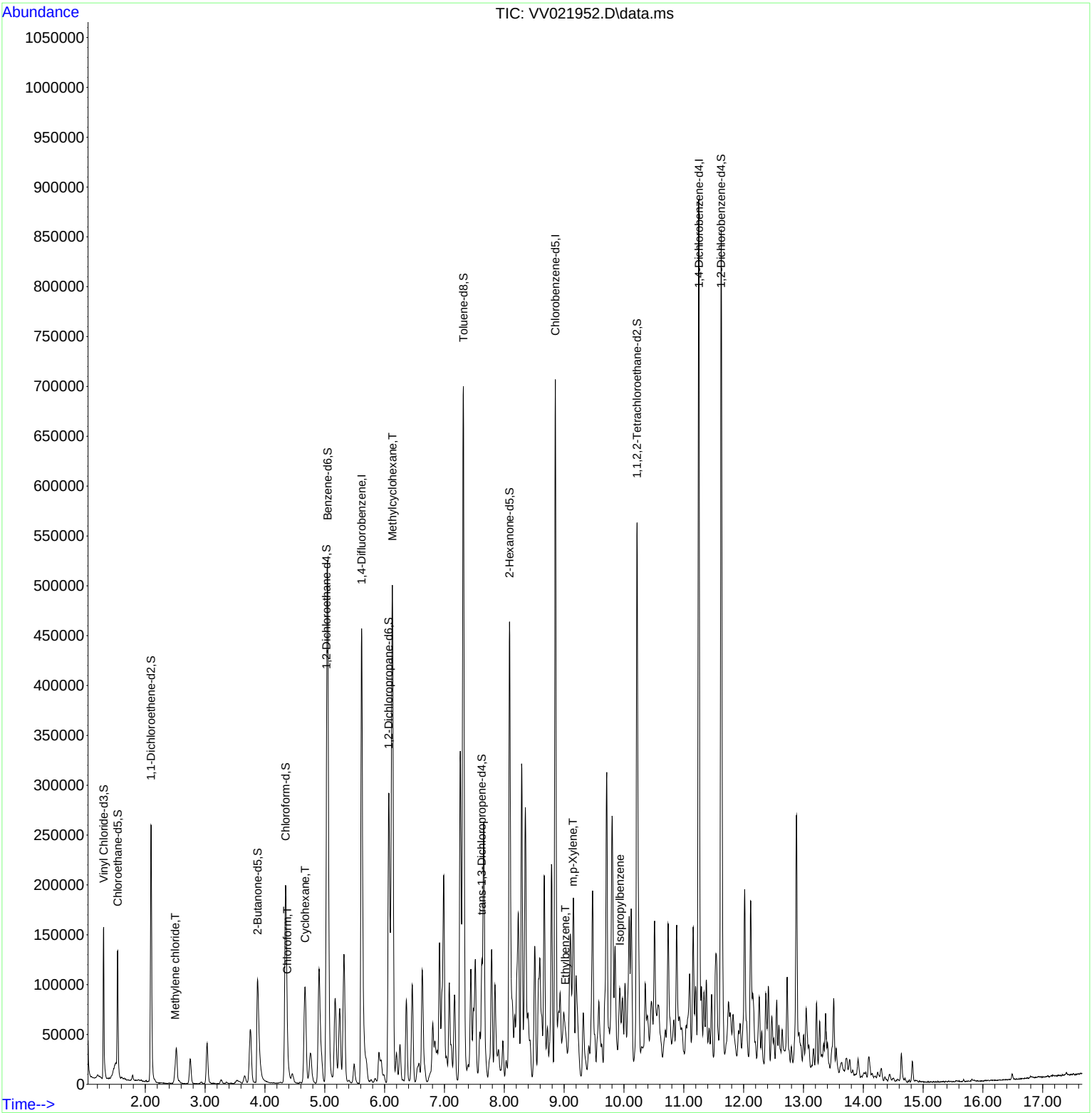
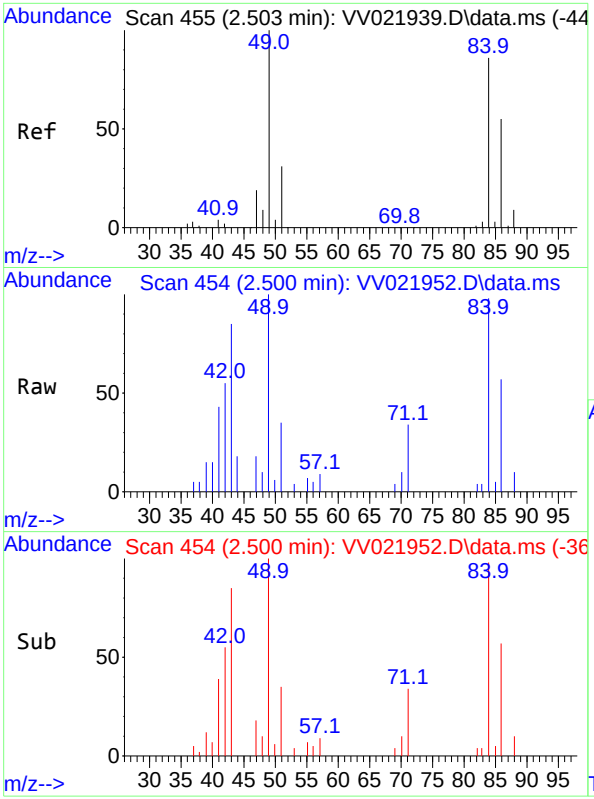
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration



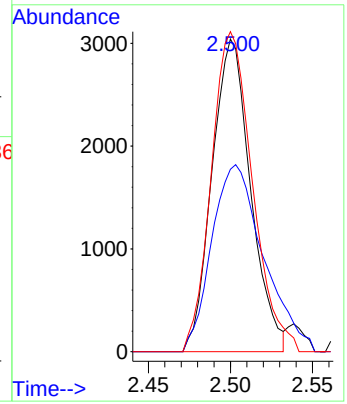
Instrument :
MSVOA_V
ClientSampleId :
EW7C0MEDL

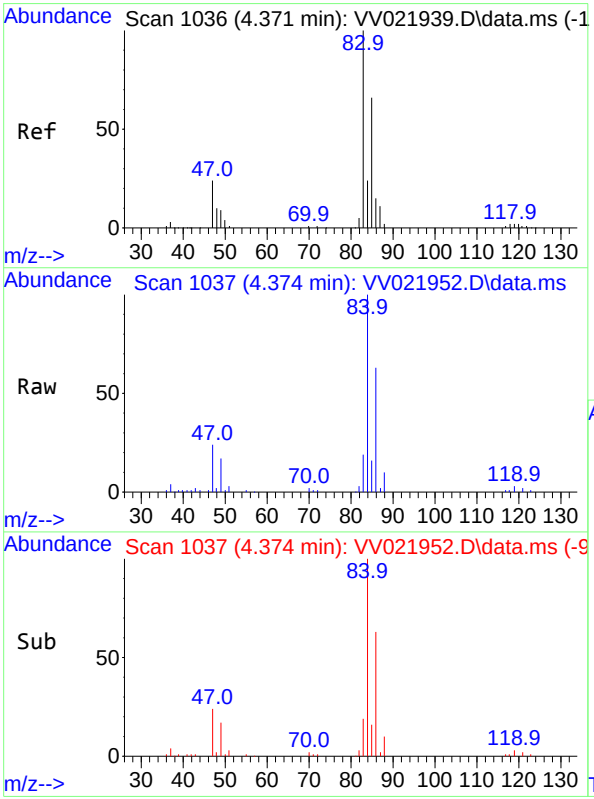


#16
Methylene chloride
Concen: 1.438 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion: 84 Resp: 4968

Ion	Ratio	Lower	Upper
84	100		
86	58.3	44.7	83.1
49	102.4	82.5	153.3

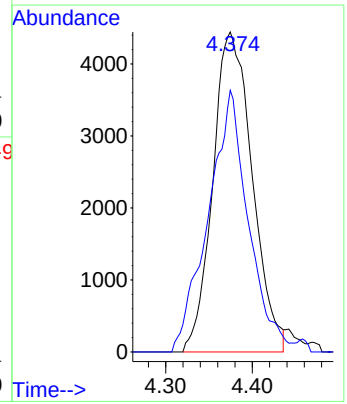


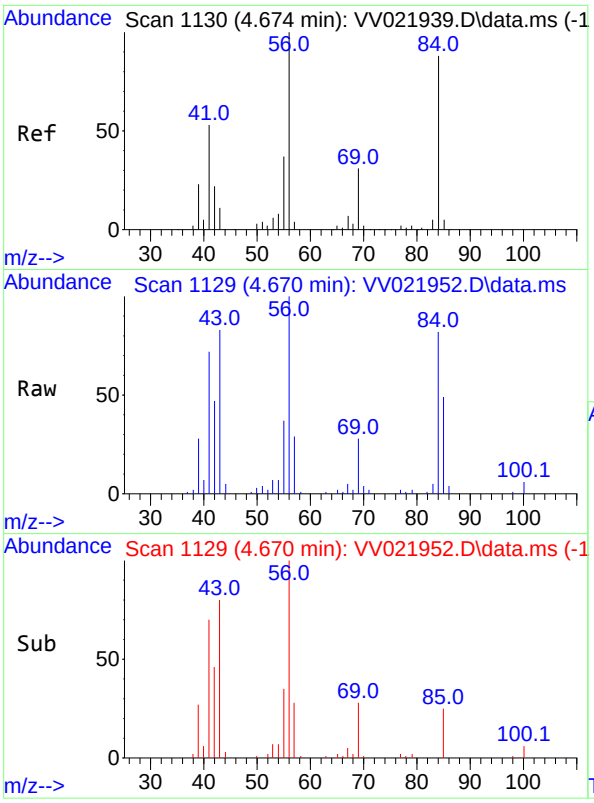


#25
Chloroform
Concen: 2.513 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion: 83 Resp: 14029

Ion	Ratio	Lower	Upper
83	100		
85	81.7	44.8	83.2

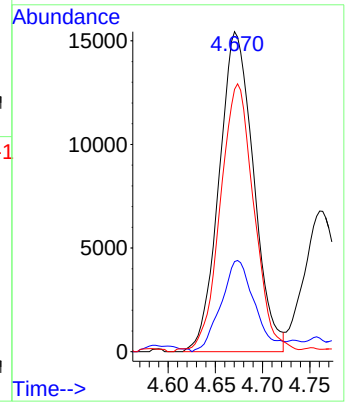




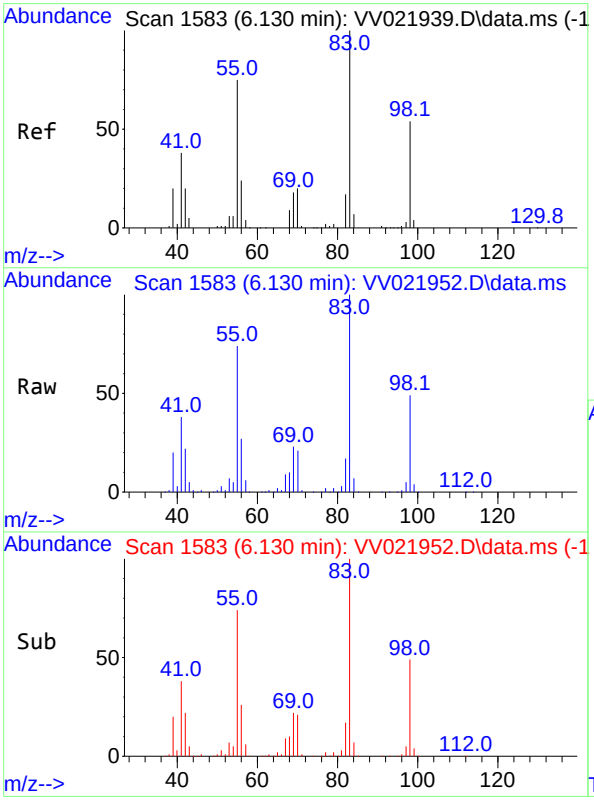
#29
Cyclohexane
Concen: 7.964 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion: 56 Resp: 39161

Ion	Ratio	Lower	Upper
56	100		
69	27.4	24.9	37.3
84	81.7	72.6	109.0



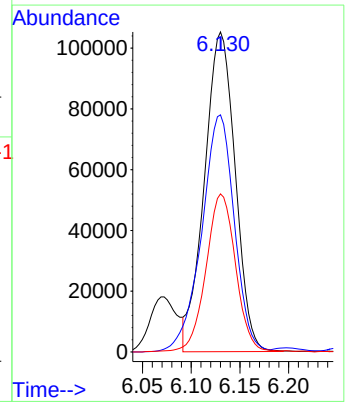
Instrument :
MSVOA_V
ClientSampleId :
EW7C0MEDL



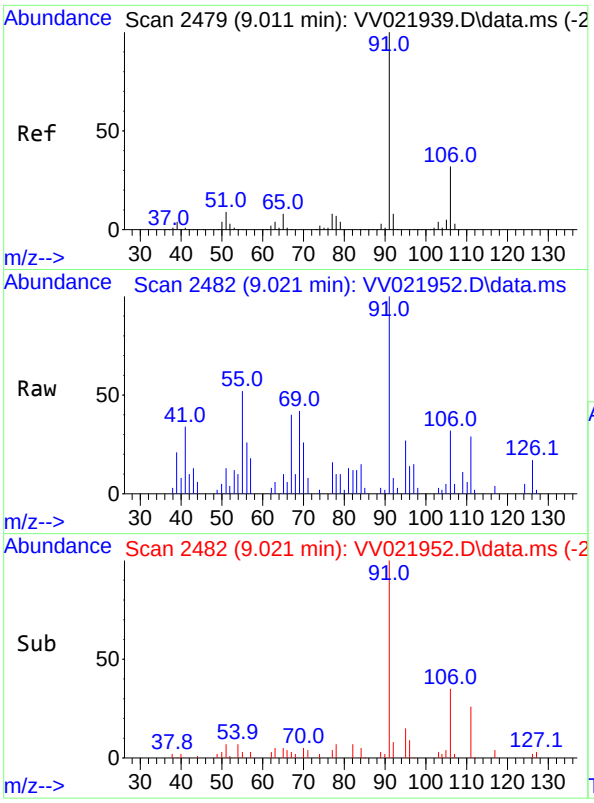
#35
Methylcyclohexane
Concen: 44.914 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion: 83 Resp: 231351

Ion	Ratio	Lower	Upper
83	100		
55	78.9	57.9	86.9
98	47.7	39.9	59.9



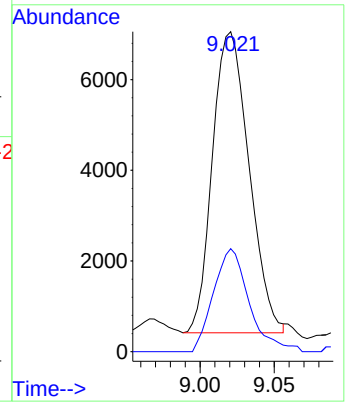
Instrument :
MSVOA_V
ClientSampleId :
EW7C0MEDL

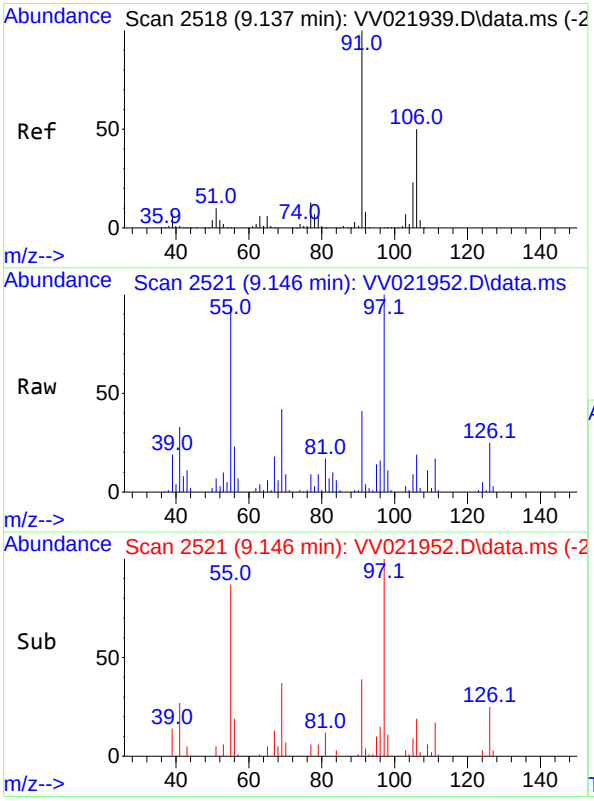


#52
Ethylbenzene
Concen: 0.814 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.009 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion: 91 Resp: 11390

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.2	41.2

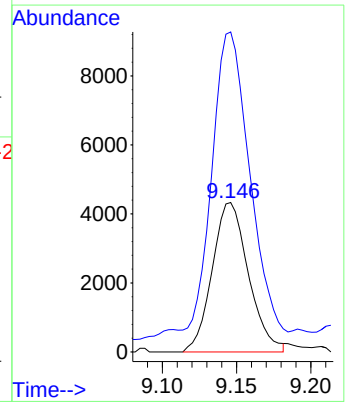


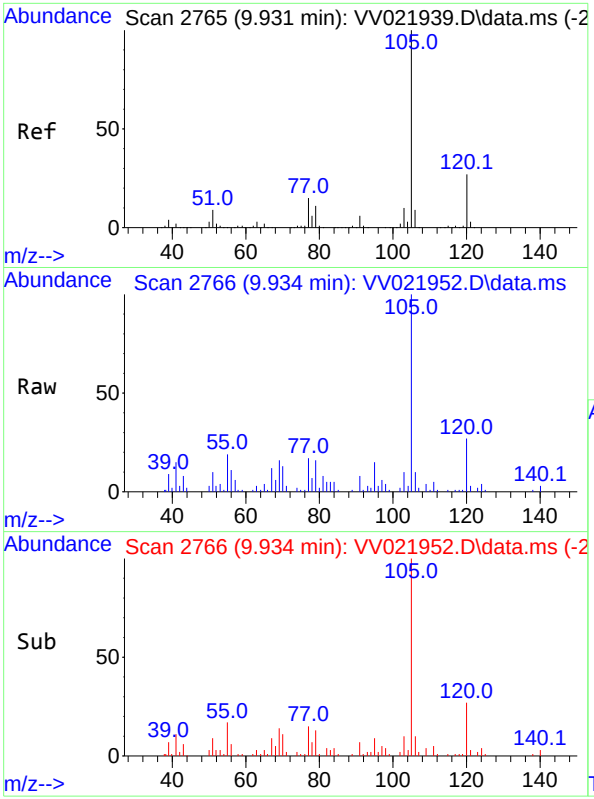


#53
m,p-Xylene
Concen: 1.356 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion:106 Resp: 7358

Ion	Ratio	Lower	Upper
106	100		
91	214.0	139.2	258.6

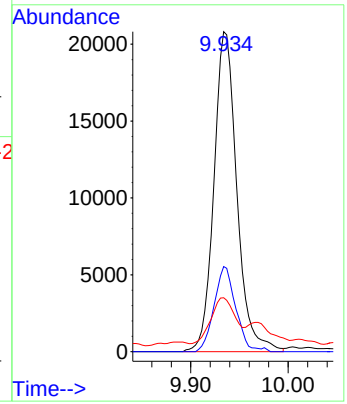




#60
Isopropylbenzene
Concen: 2.241 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021952.D
Acq: 25 Aug 2021 16:23

Tgt Ion:105 Resp: 34084

Ion	Ratio	Lower	Upper
105	100		
120	24.9	21.3	31.9
77	15.0	11.8	17.8



Instrument :
MSVOA_V
ClientSampleId :
EW7C0MEDL