Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021886.D
Acq On : 19 Aug 2021 13:12
Operator : SY/MD
Sample : M3422-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA9DL

Quant Time: Aug 20 02:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 20 02:14:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	462003	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	432802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136346	37.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.500%			
7) Chloroethane-d5	1.558	69	109336	40.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.240%			
11) 1,1-Dichloroethene-d2	2.105	63	152409	26.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.020%#			
21) 2-Butanone-d5	3.876	46	195596	87.075	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.070%			
24) Chloroform-d	4.349	84	250152	39.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.960%			
26) 1,2-Dichloroethane-d4	5.034	65	153085	42.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.060%			
32) Benzene-d6	5.050	84	538650	43.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.560%			
36) 1,2-Dichloropropane-d6	6.072	67	167272	43.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.320%			
41) Toluene-d8	7.317	98	494441	42.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.960%			
43) trans-1,3-Dichloroprop...	7.625	79	73544	38.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.120%			
47) 2-Hexanone-d5	8.088	63	125191	98.554	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.550%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	227129	47.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.580%			
66) 1,2-Dichlorobenzene-d4	11.625	152	208767	43.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.140%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	9989	1.014	ug/L	97
33) Benzene	5.105	78	31447	2.361	ug/L	100
42) Toluene	7.391	91	162179	11.401	ug/L	99
52) Ethylbenzene	9.014	91	639402	42.133	ug/L	100
53) m,p-Xylene	9.140	106	122559	20.838	ug/L	99
54) o-Xylene	9.545	106	73265	12.567	ug/L	97
55) Styrene	9.564	104	91122	9.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	40897	3.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	128761	9.722	ug/L	99

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

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ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Fri Aug 20 02:14:47 2021
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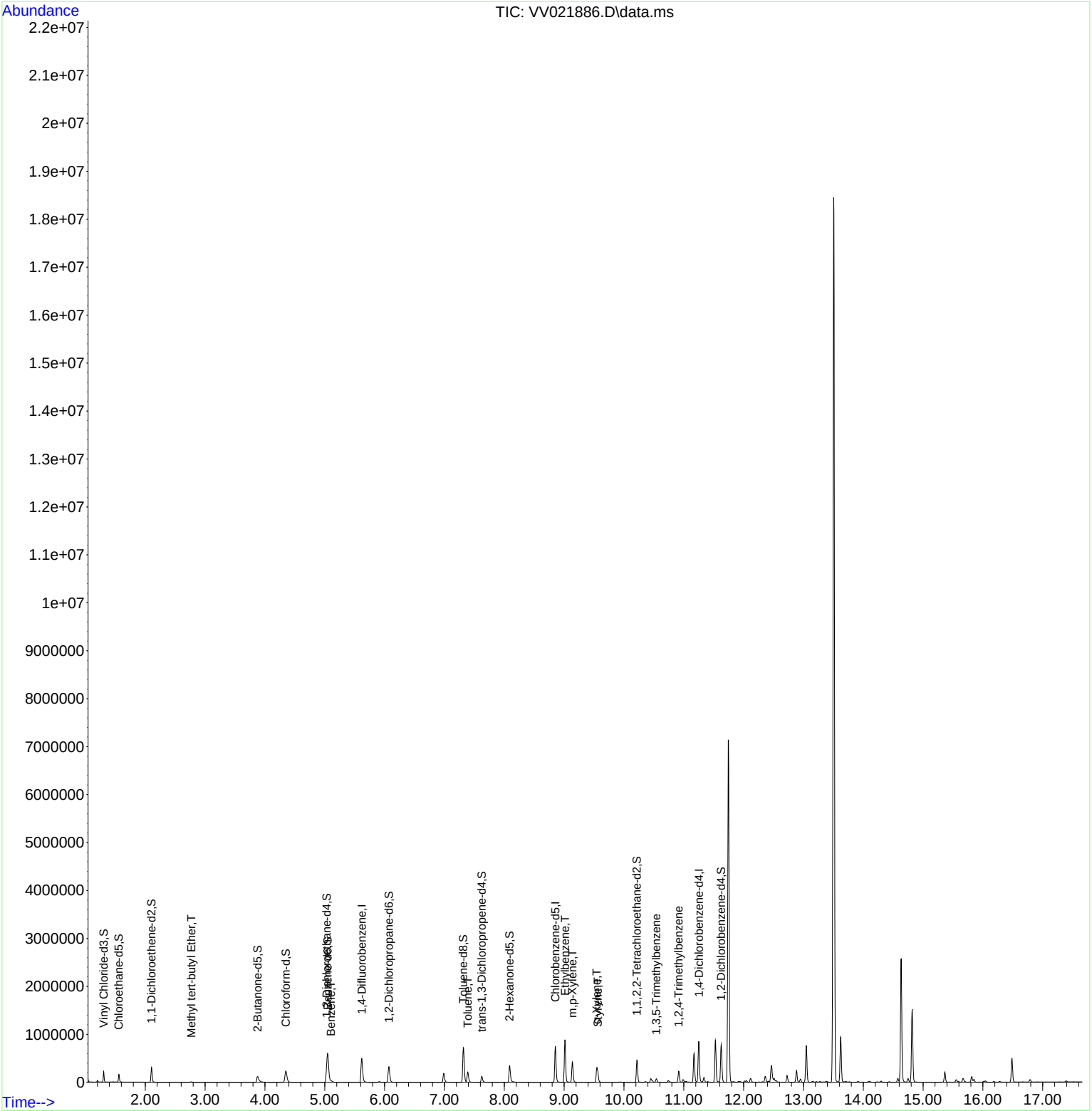
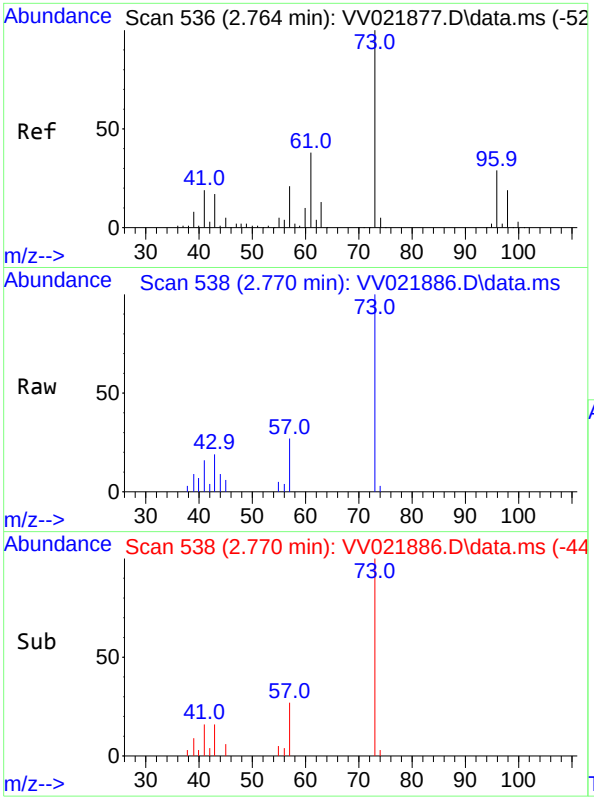


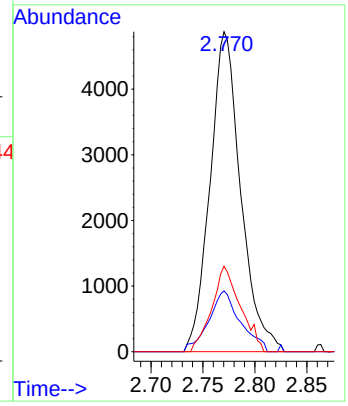
Instrument :
MSVOA_V
ClientSampleId :
DBKA9DL

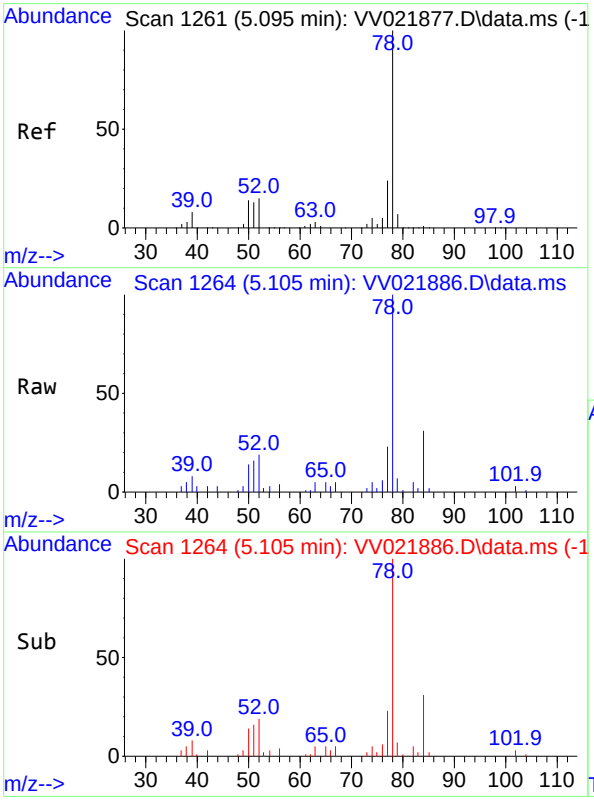


#18
Methyl tert-butyl Ether
Concen: 1.014 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion: 73 Resp: 9989

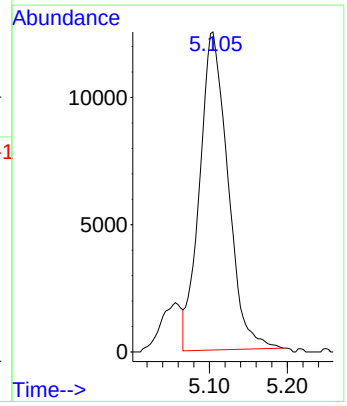
Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.2	21.4
57	23.6	17.7	26.5



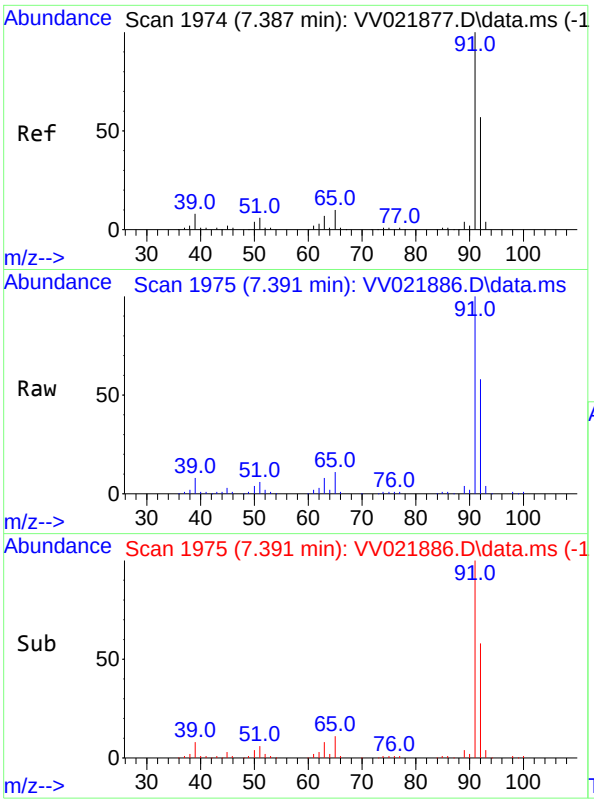


#33
Benzene
Concen: 2.361 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion: 78 Resp: 31447



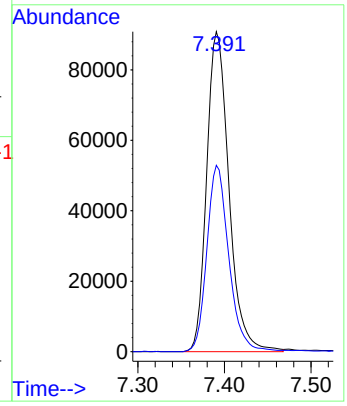
Instrument :
MSVOA_V
ClientSampleId :
DBKA9DL

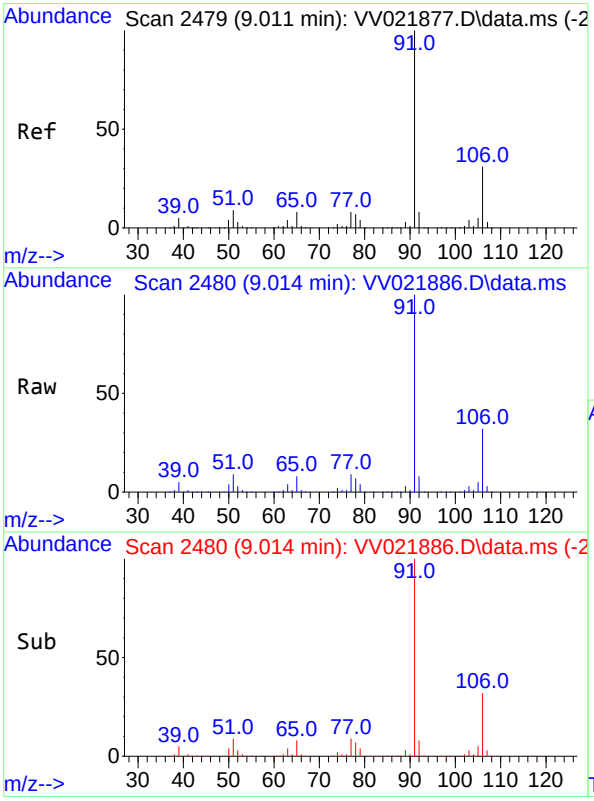


#42
Toluene
Concen: 11.401 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion: 91 Resp: 162179

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.1	74.5

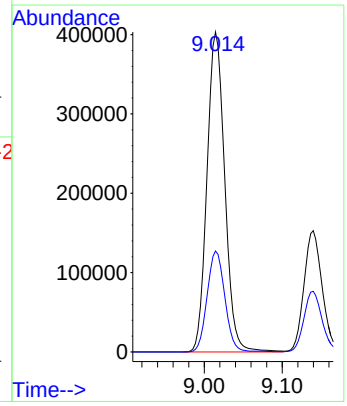




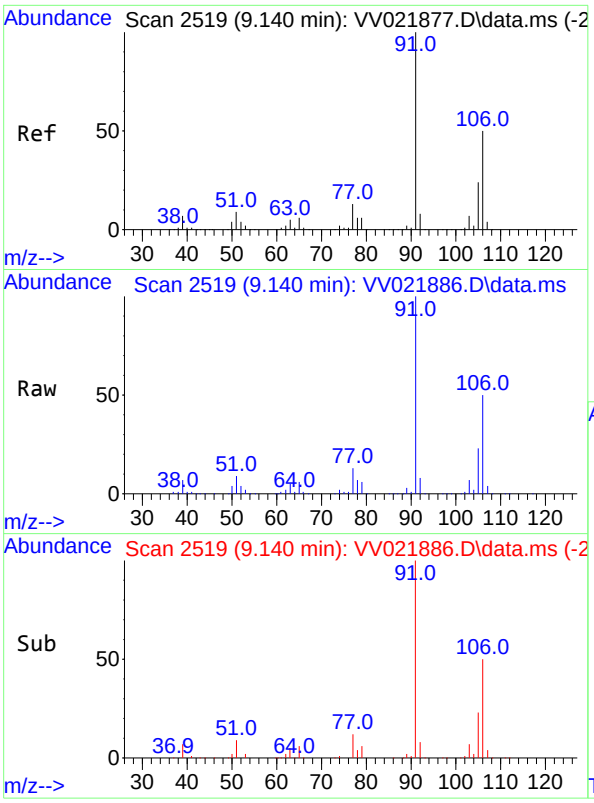
#52
Ethylbenzene
Concen: 42.133 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion: 91 Resp: 639402

Ion	Ratio	Lower	Upper
91	100		
106	31.5	22.2	41.2



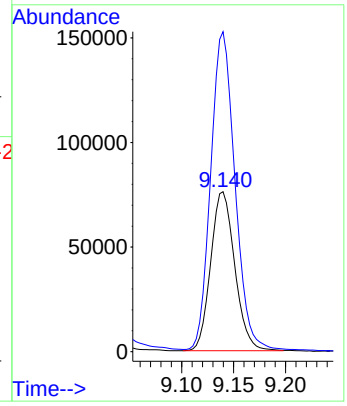
Instrument :
MSVOA_V
ClientSampleId :
DBKA9DL

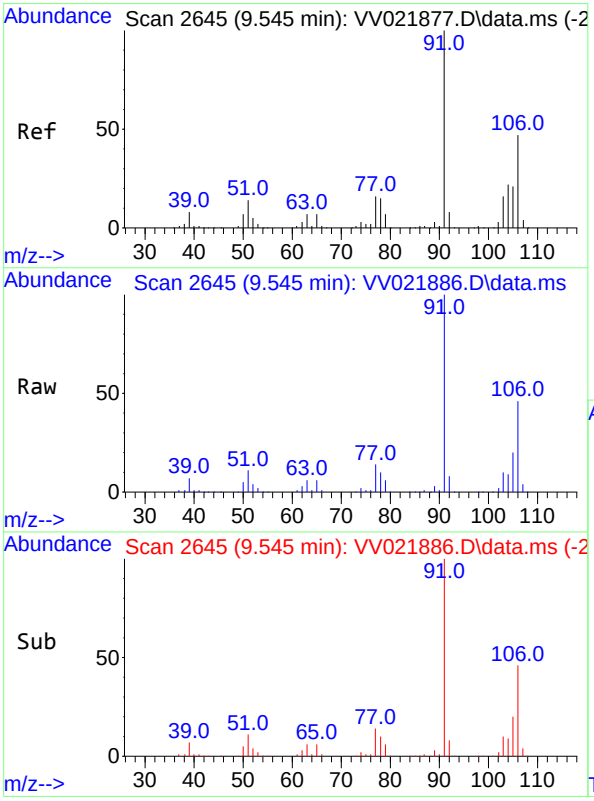


#53
m,p-Xylene
Concen: 20.838 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:106 Resp: 122559

Ion	Ratio	Lower	Upper
106	100		
91	199.9	139.2	258.6

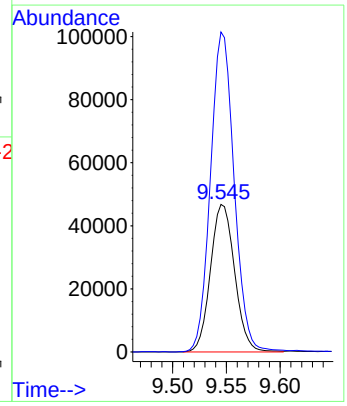




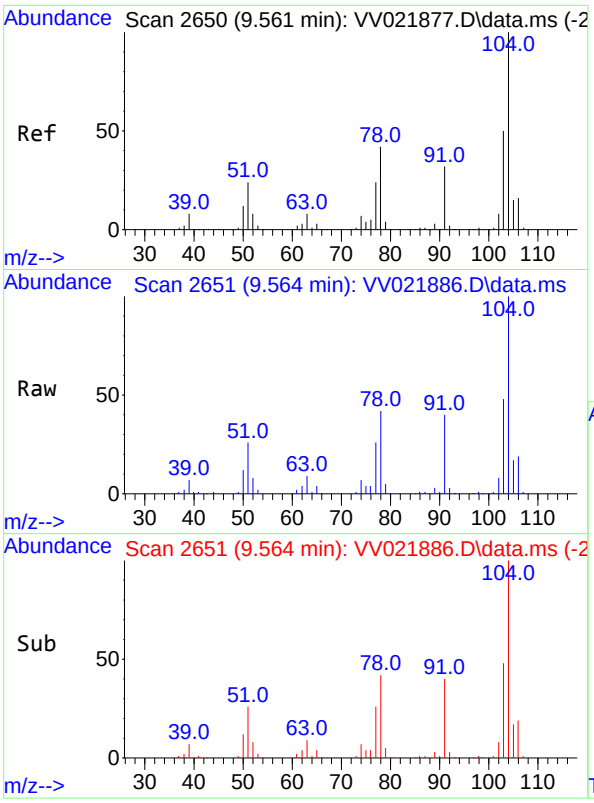
#54
o-Xylene
Concen: 12.567 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:106 Resp: 73265

Ion	Ratio	Lower	Upper
106	100		
91	216.9	148.1	275.0



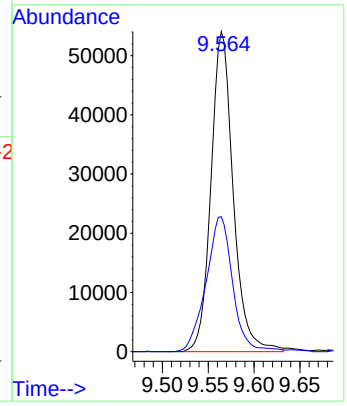
Instrument :
MSVOA_V
ClientSampleId :
DBKA9DL

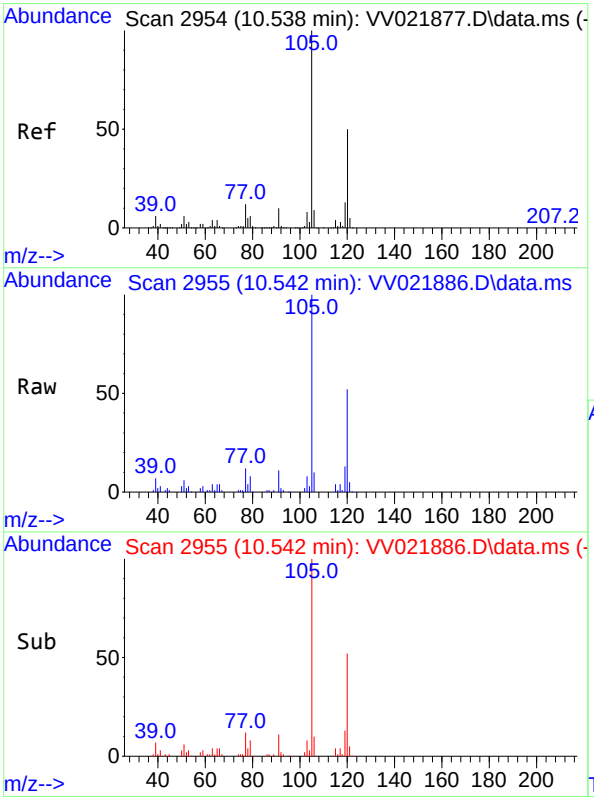


#55
Styrene
Concen: 9.334 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:104 Resp: 91122

Ion	Ratio	Lower	Upper
104	100		
78	42.2	30.2	56.2

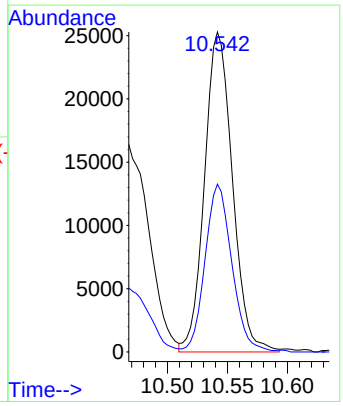


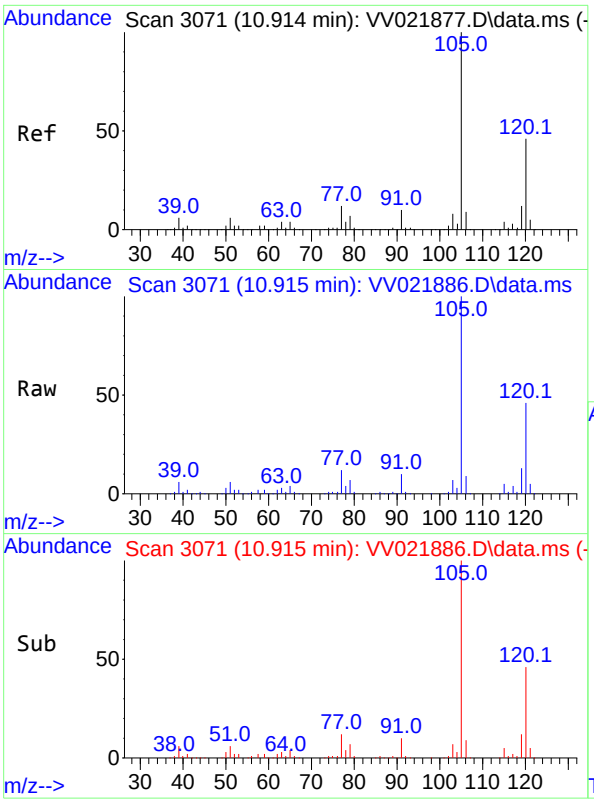


#62
1,3,5-Trimethylbenzene
Concen: 3.140 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:105 Resp: 40897

Ion	Ratio	Lower	Upper
105	100		
120	50.4	40.2	60.4

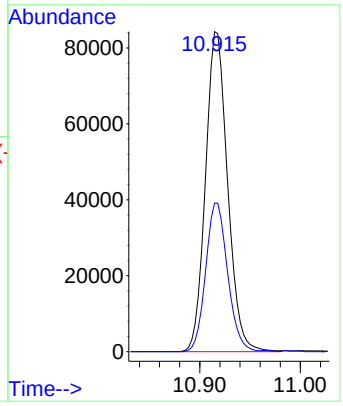




#63
1,2,4-Trimethylbenzene
Concen: 9.722 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:105 Resp: 128761

Ion	Ratio	Lower	Upper
105	100		
120	46.1	37.3	55.9



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