Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021827.D
Acq On : 17 Aug 2021 20:35
Operator : SY/MD
Sample : M3399-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB2

Quant Time: Aug 18 03:35:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 18 03:33:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	427281	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	398635	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	196811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123030	36.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.660%			
7) Chloroethane-d5	1.561	69	101844	40.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.800%			
11) 1,1-Dichloroethene-d2	2.104	63	143400	26.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.940%#			
21) 2-Butanone-d5	3.873	46	213665	102.848	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.850%			
24) Chloroform-d	4.349	84	254756	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.040%			
26) 1,2-Dichloroethane-d4	5.034	65	159192	47.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.640%			
32) Benzene-d6	5.050	84	509884	44.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.960%			
36) 1,2-Dichloropropane-d6	6.072	67	170759	47.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.660%			
41) Toluene-d8	7.316	98	444159	41.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.840%			
43) trans-1,3-Dichloroprop...	7.625	79	75942	43.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.460%			
47) 2-Hexanone-d5	8.088	63	125712	107.446	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.450%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	230281	52.055	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.120%			
66) 1,2-Dichlorobenzene-d4	11.625	152	204988	50.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.660%			
Target Compounds						Qvalue
13) Acetone	2.162	43	5940	3.475	ug/L #	100
18) Methyl tert-butyl Ether	2.773	73	9939	1.090	ug/L	96
33) Benzene	5.104	78	19016	1.550	ug/L	100
42) Toluene	7.397	91	20108	1.535	ug/L	90
52) Ethylbenzene	9.014	91	103891	7.433	ug/L	99
53) m,p-Xylene	9.146	106	12116	2.237	ug/L	99
54) o-Xylene	9.551	106	4933	0.919	ug/L	93
63) 1,2,4-Trimethylbenzene	10.921	105	15708	1.395	ug/L	96

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

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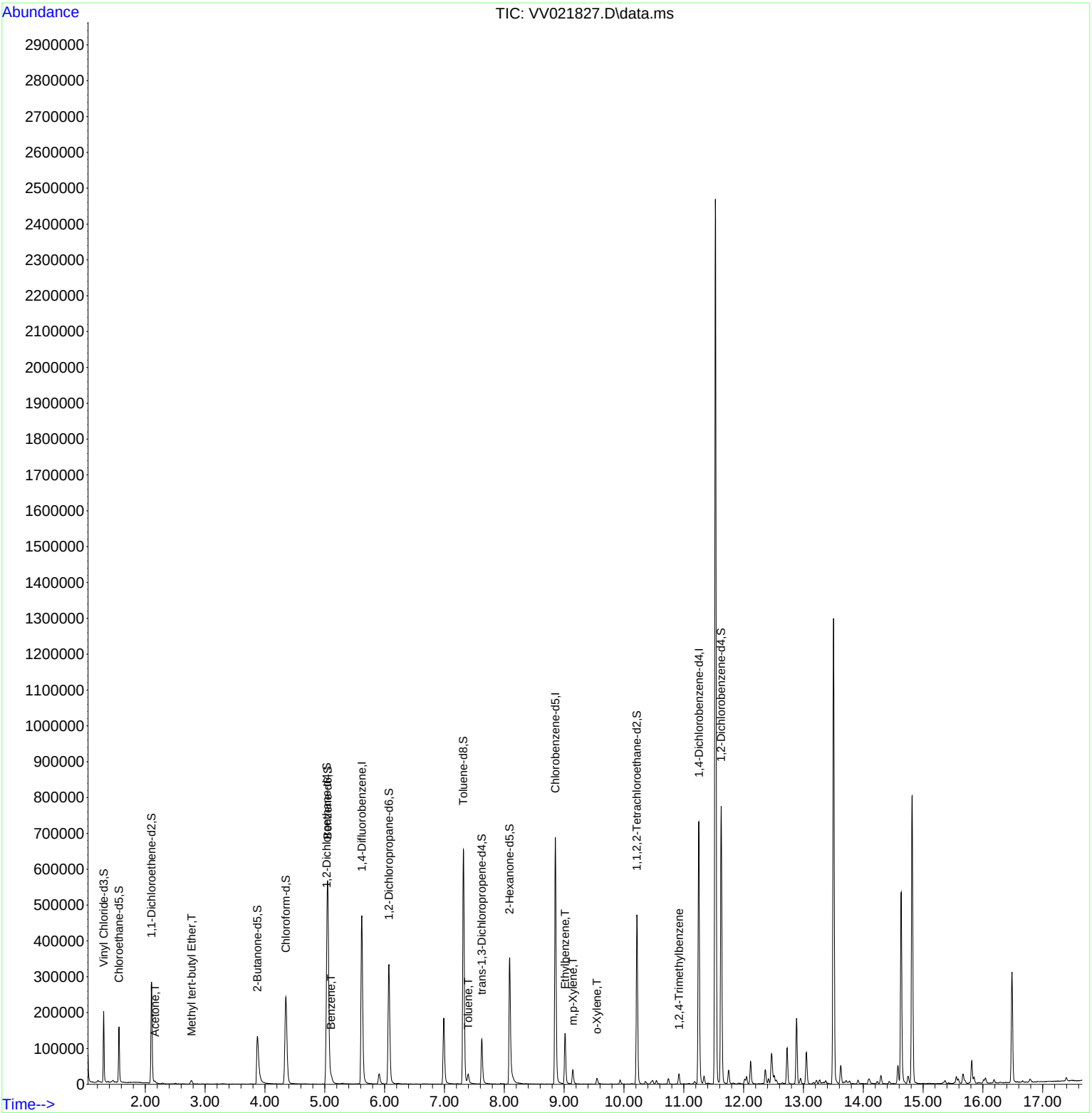
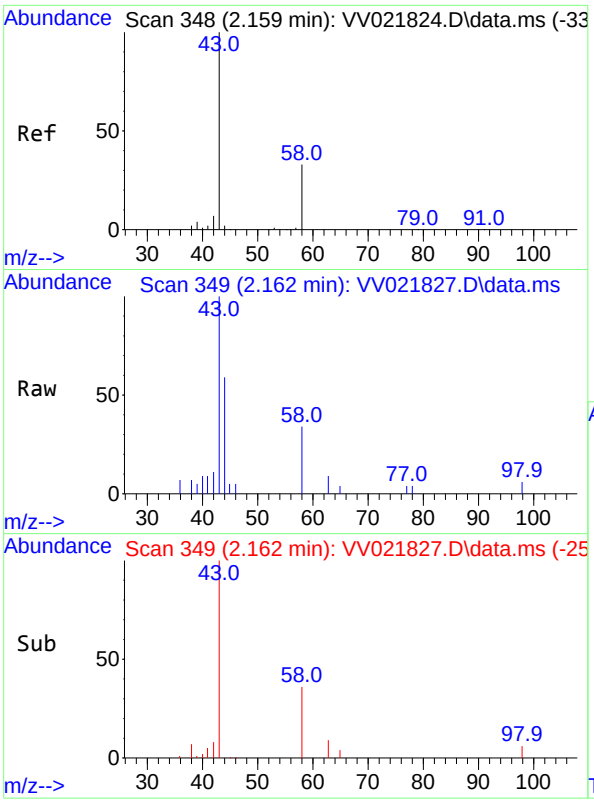
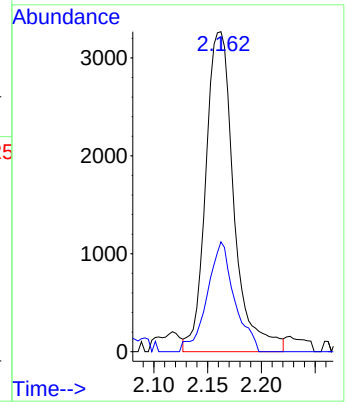




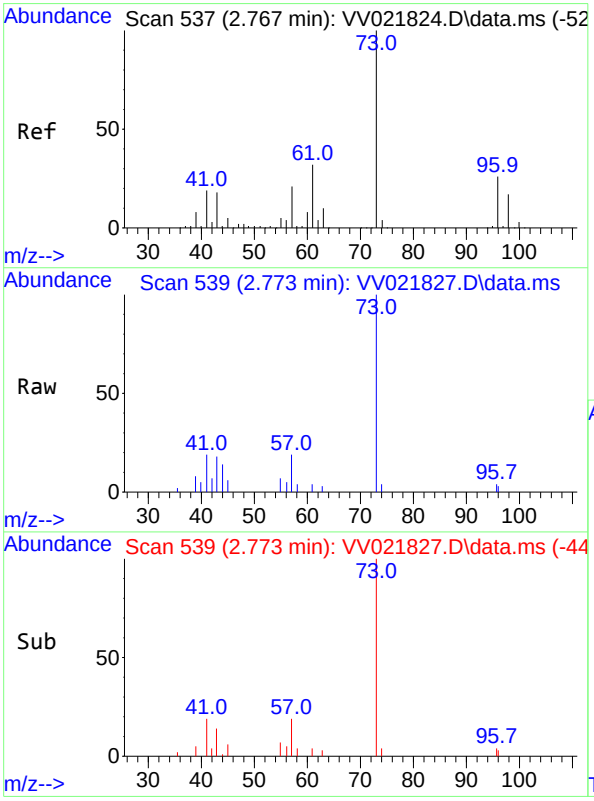
#13
Acetone
Concen: 3.475 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 43 Resp: 5940

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	0.0#



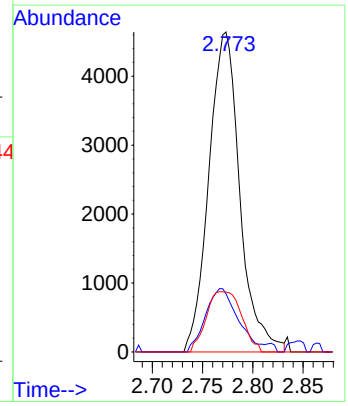
Instrument :
MSVOA_V
ClientSampleId :
DBKB2



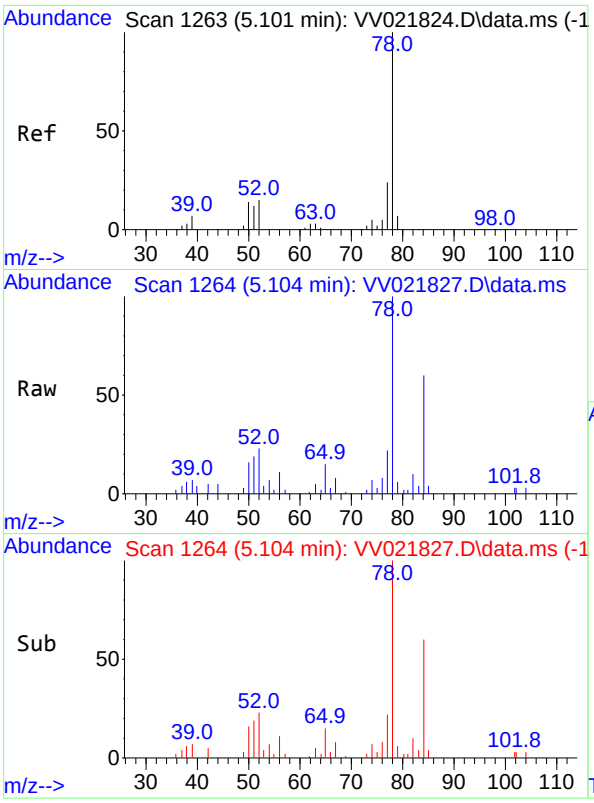
#18
Methyl tert-butyl Ether
Concen: 1.090 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 73 Resp: 9939

Ion	Ratio	Lower	Upper
73	100		
43	21.0	14.2	21.4
57	21.4	17.7	26.5

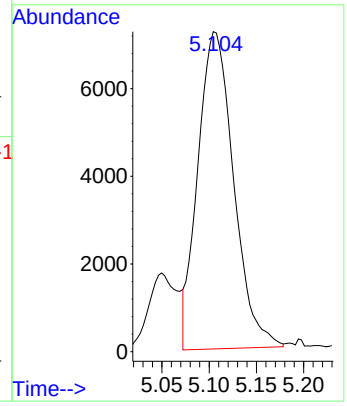


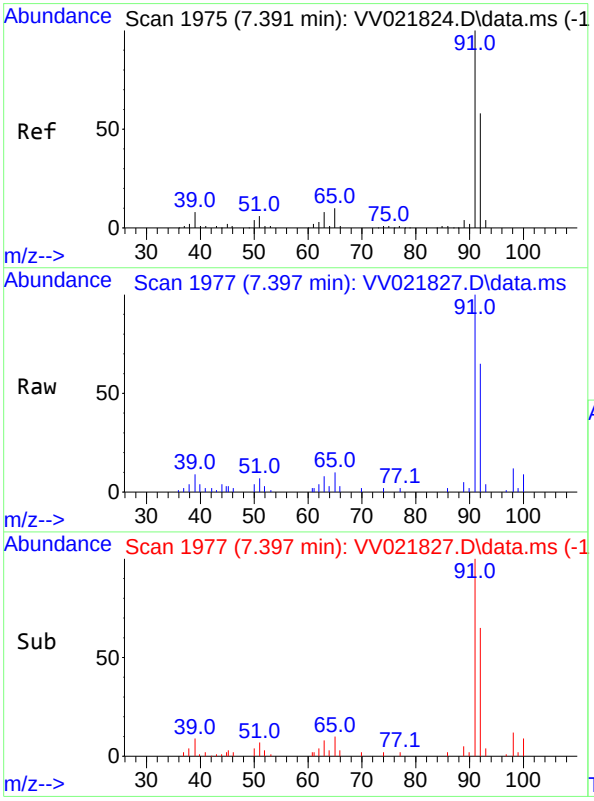
Instrument :
MSVOA_V
ClientSampleId :
DBKB2



#33
Benzene
Concen: 1.550 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 78 Resp: 19016

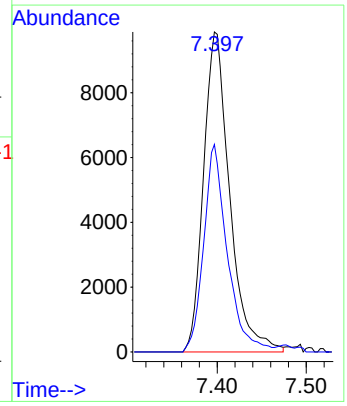


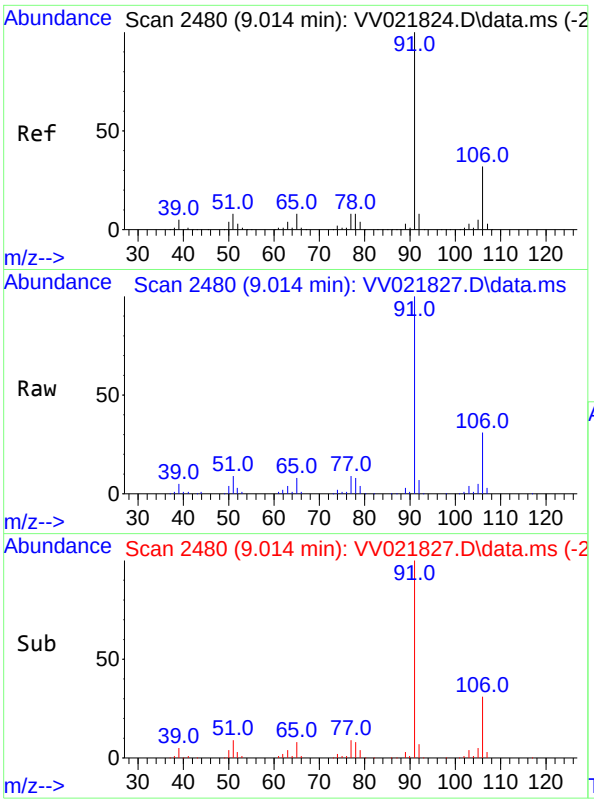


#42
Toluene
Concen: 1.535 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 91 Resp: 20108

Ion	Ratio	Lower	Upper
91	100		
92	64.8	40.1	74.5

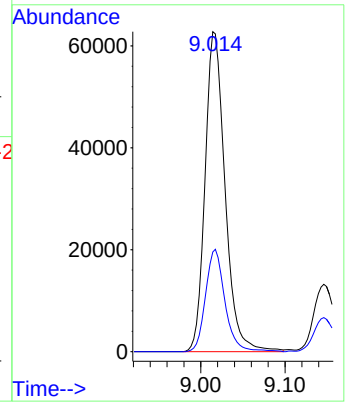




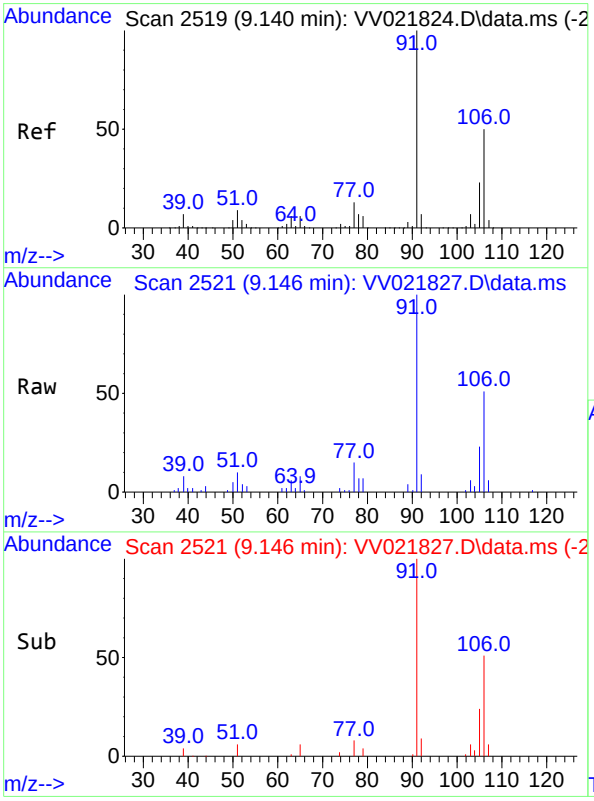
#52
Ethylbenzene
Concen: 7.433 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 91 Resp: 103891

Ion	Ratio	Lower	Upper
91	100		
106	31.2	22.2	41.2



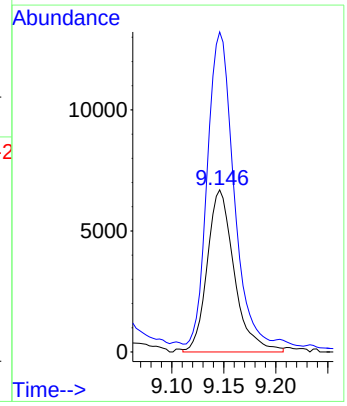
Instrument :
MSVOA_V
ClientSampleId :
DBKB2



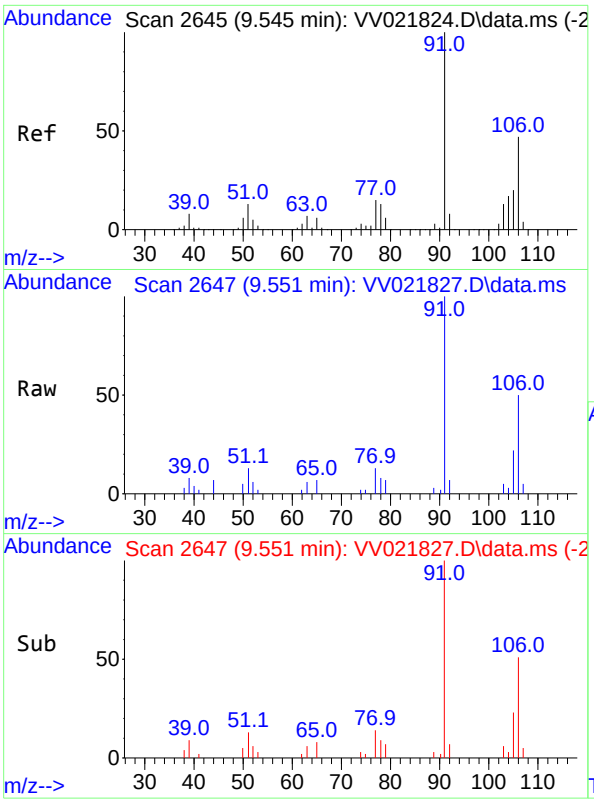
#53
m,p-Xylene
Concen: 2.237 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion:106 Resp: 12116

Ion	Ratio	Lower	Upper
106	100		
91	197.5	139.2	258.6



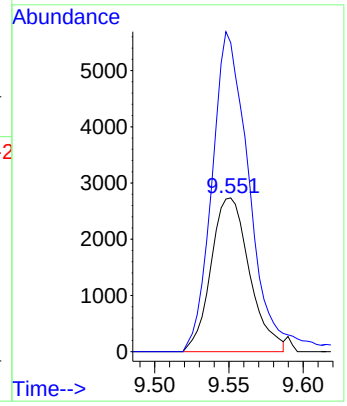
Instrument :
MSVOA_V
ClientSampleId :
DBKB2

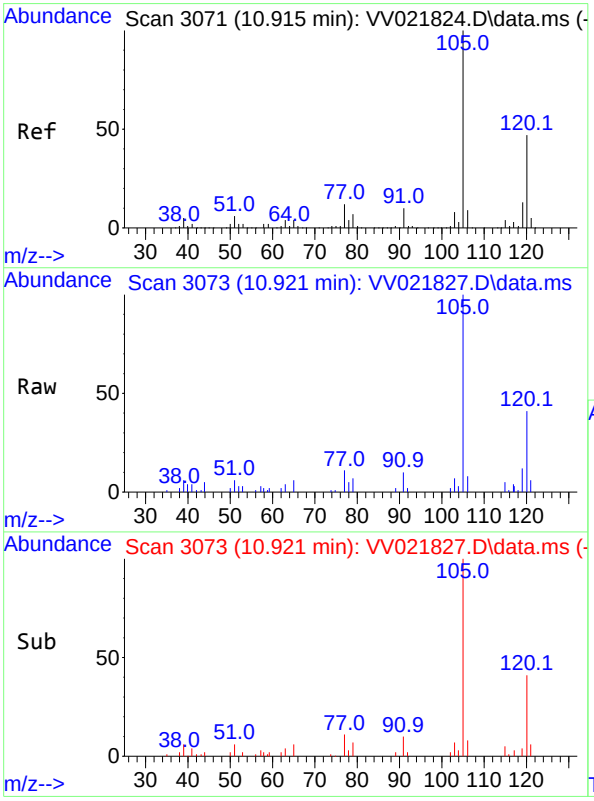


#54
o-Xylene
Concen: 0.919 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion:106 Resp: 4933

Ion	Ratio	Lower	Upper
106	100		
91	201.0	148.1	275.0





#63
1,2,4-Trimethylbenzene
Concen: 1.395 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion:105 Resp: 15708

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.3	55.9