Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020513.D
Acq On : 15 Oct 2021 00:24
Operator : SY/VA
Sample : M4210-01
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JDGC1

Quant Time: Oct 15 01:29:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 15 00:58:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	235636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	196997	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	74032	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69203	20.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.72%			
7) Chloroethane-d5	2.879	69	36128	19.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	4.013	63	105234	14.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.92%			
21) 2-Butanone-d5	7.080	46	33423	32.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.06%			
24) Chloroform-d	7.653	84	164014	21.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.36%			
26) 1,2-Dichloroethane-d4	8.311	65	86622	20.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.76%			
32) Benzene-d6	8.275	84	313046	24.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.64%			
36) 1,2-Dichloropropane-d6	9.274	67	101809	24.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.44%			
41) Toluene-d8	10.323	98	260428	22.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloroprop...	10.579	79	29379	17.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.48%			
47) 2-Hexanone-d5	10.927	63	21721	33.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.86%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	59015	18.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.96%			
66) 1,2-Dichlorobenzene-d4	13.853	152	63848	22.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
13) Acetone	4.123	43	28937	30.20	ug/L	97
16) Methylene chloride	4.921	84	19621	4.28	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	7000	1.94	ug/L	97
22) 2-Butanone	7.177	43	5765	4.81	ug/L #	71
52) Ethylbenzene	11.731	91	33937	2.22	ug/L	98
53) m,p-Xylene	11.841	106	33365	5.90	ug/L	98
54) o-Xylene	12.164	106	10813	2.07	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	12410	1.40	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	44413	5.05	ug/L	100

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

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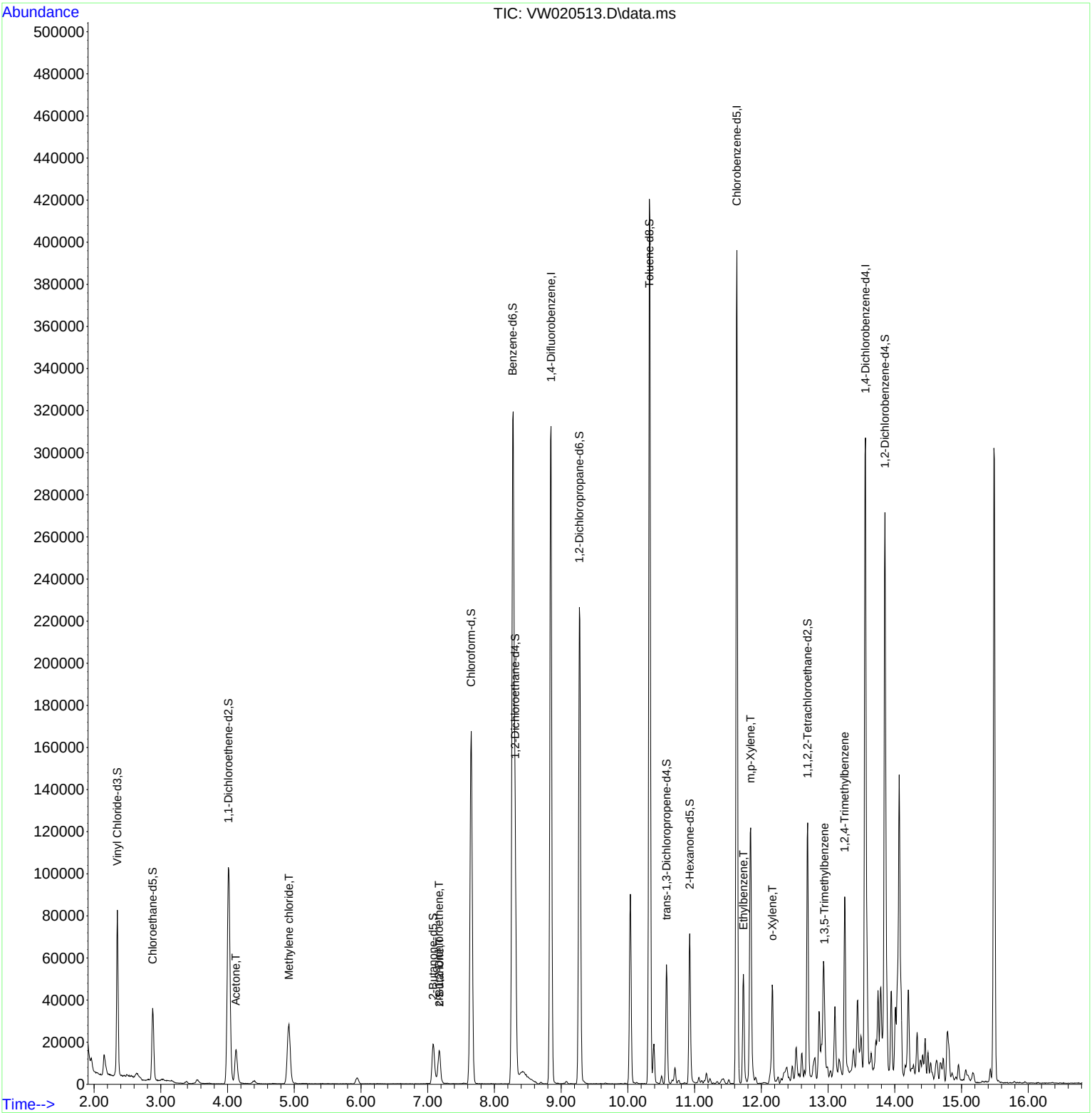
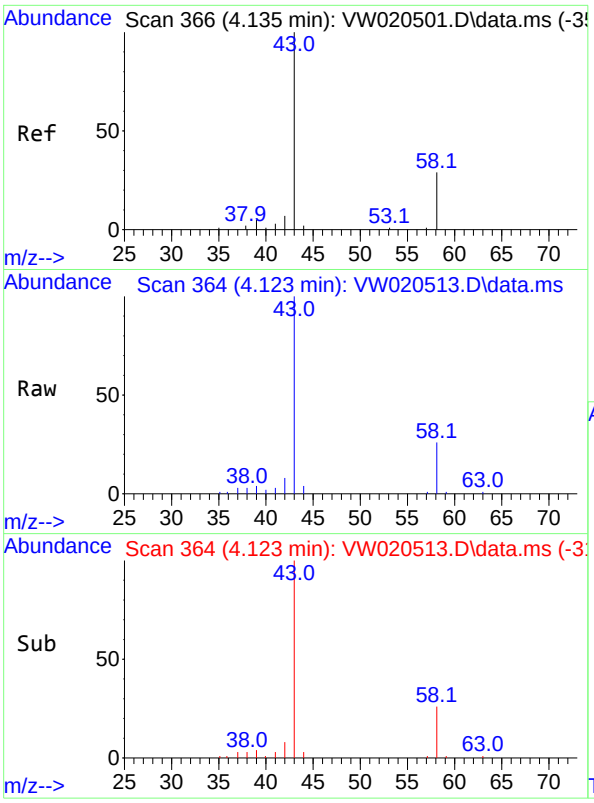
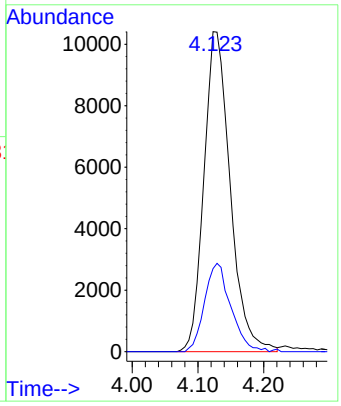




#13
Acetone
Concen: 30.20 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 43 Resp: 28937

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	58.4



Instrument :
MSVOA_W
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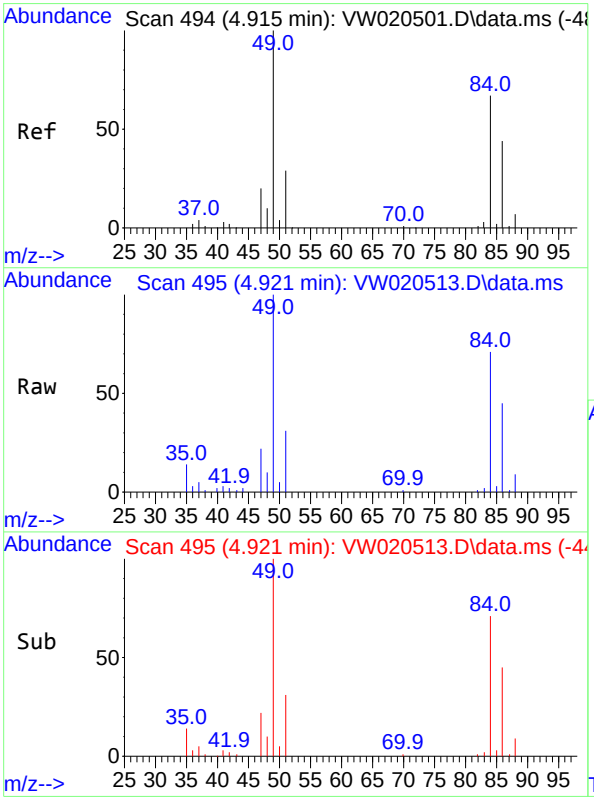
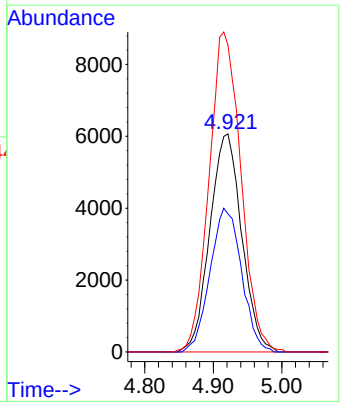


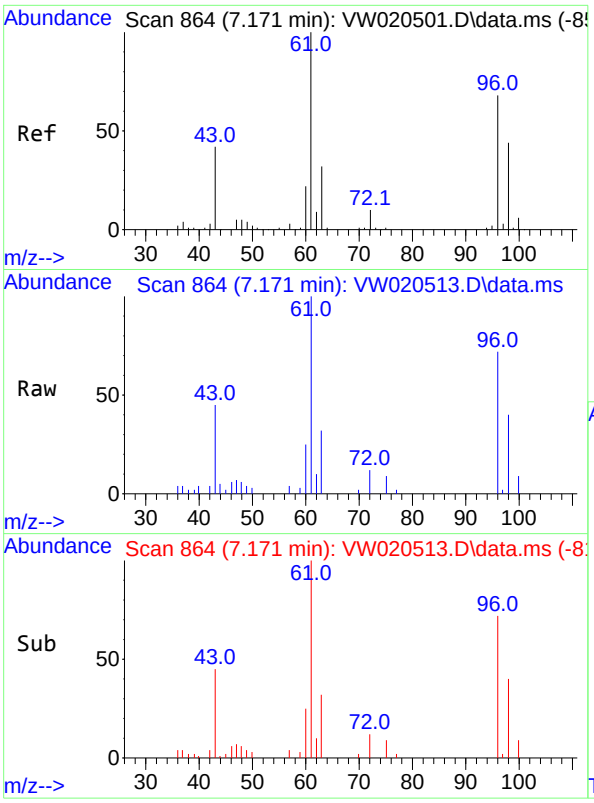
#16
Methylene chloride
Concen: 4.28 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 84 Resp: 19621

Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.7	83.1
49	140.7	101.7	188.9



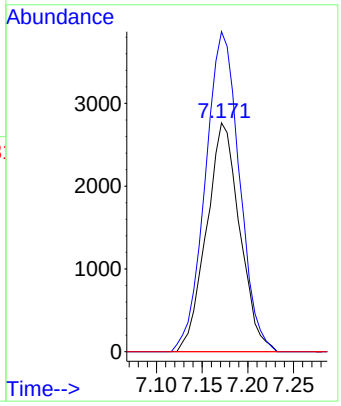
Instrument :
MSVOA_W
ClientSampleId :
JDGC1

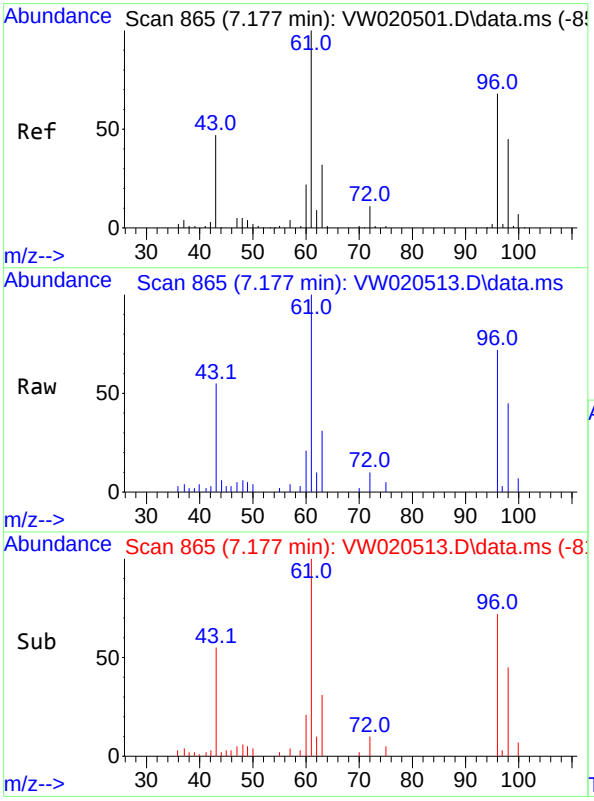


#20
cis-1,2-Dichloroethene
Concen: 1.94 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 96 Resp: 7000

Ion	Ratio	Lower	Upper
96	100		
61	139.9	100.3	186.3
68	0.0	0.0	0.0

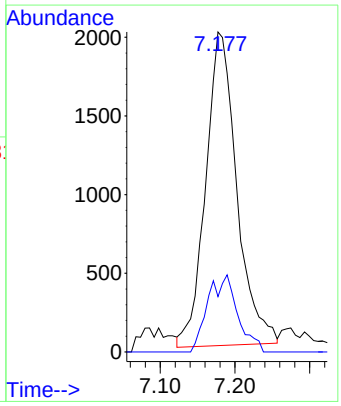




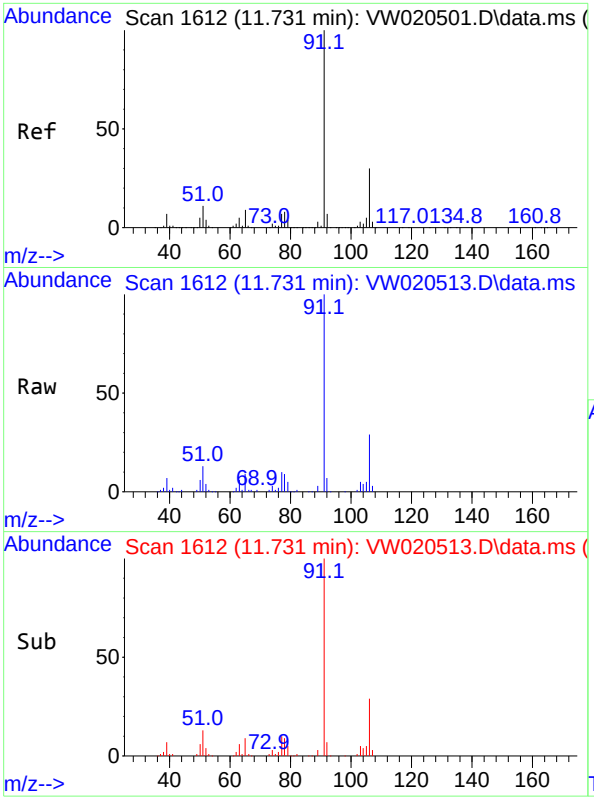
#22
2-Butanone
Concen: 4.81 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 43 Resp: 5765

Ion	Ratio	Lower	Upper
43	100		
72	10.1	12.2	36.6#



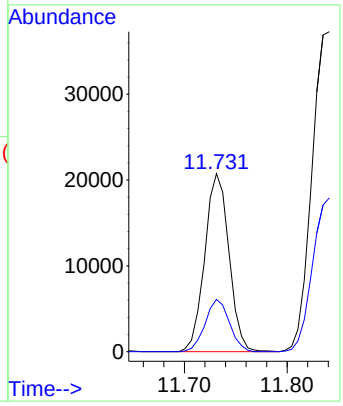
Instrument :
MSVOA_W
ClientSampleId :
JDGC1

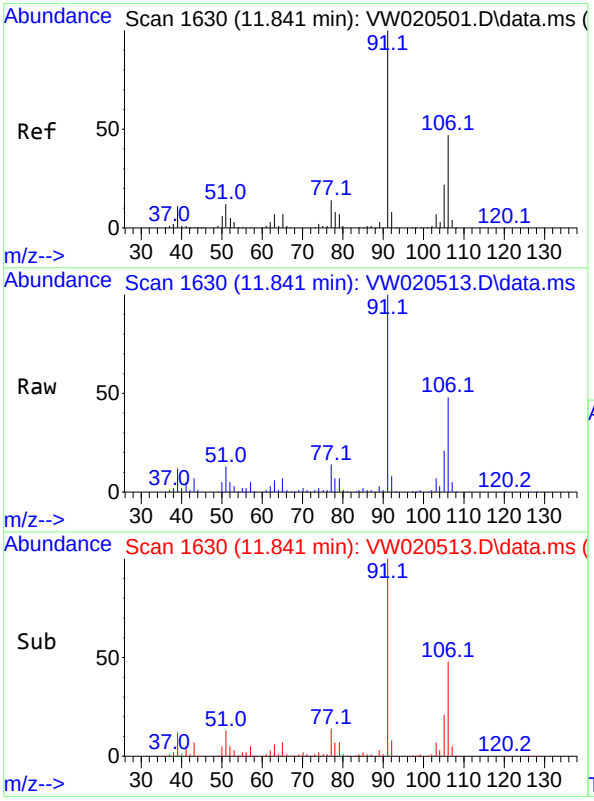


#52
Ethylbenzene
Concen: 2.22 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion: 91 Resp: 33937

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.3	39.5

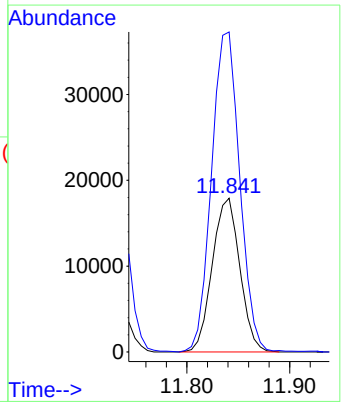




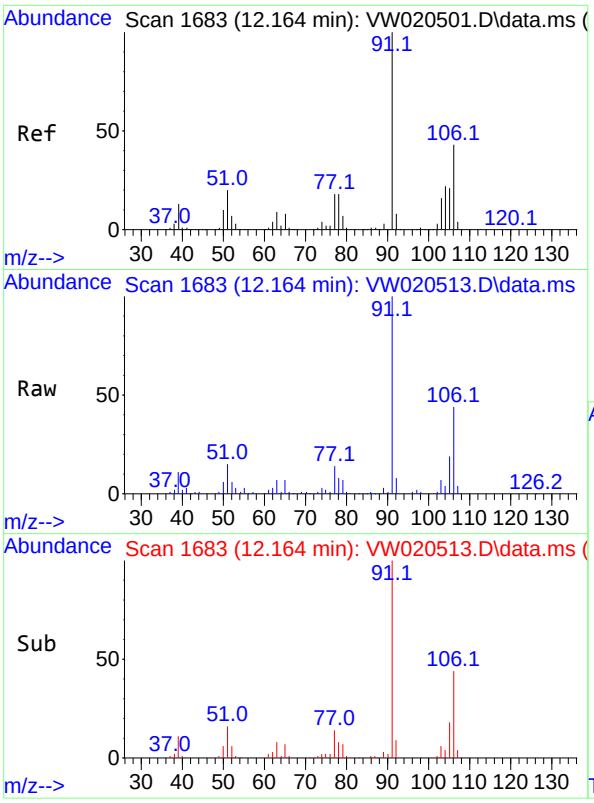
#53
m,p-Xylene
Concen: 5.90 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion:106 Resp: 33365

Ion	Ratio	Lower	Upper
106	100		
91	208.2	148.2	275.2



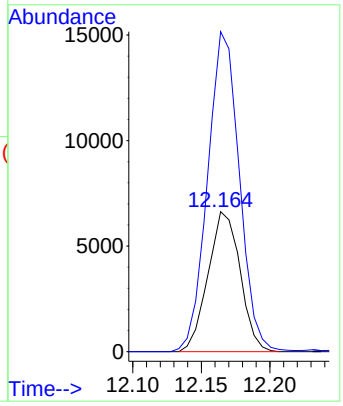
Instrument :
MSVOA_W
ClientSampleId :
JDGC1

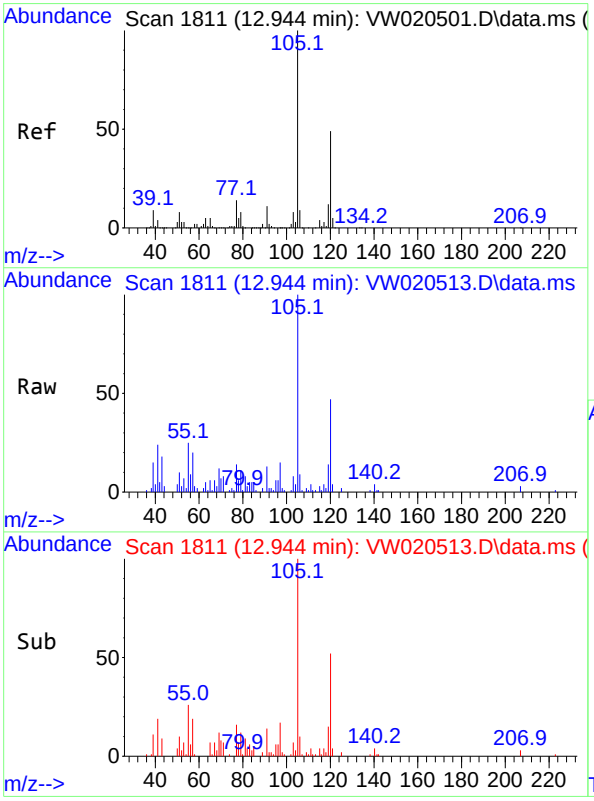


#54
o-Xylene
Concen: 2.07 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion:106 Resp: 10813

Ion	Ratio	Lower	Upper
106	100		
91	228.7	156.1	289.9

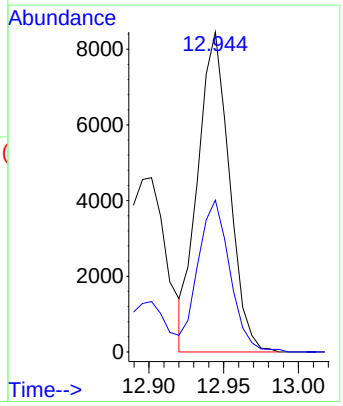


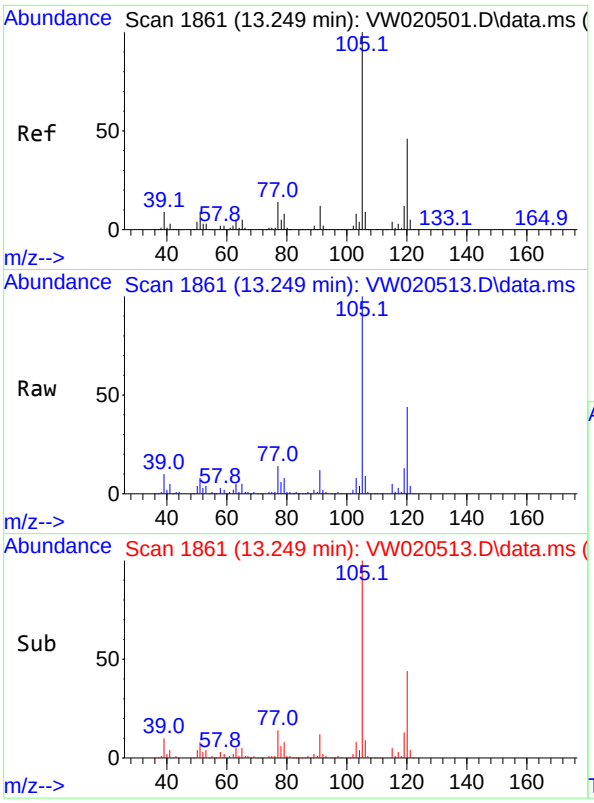


#62
1,3,5-Trimethylbenzene
Concen: 1.40 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion:105 Resp: 12410

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.9	56.9

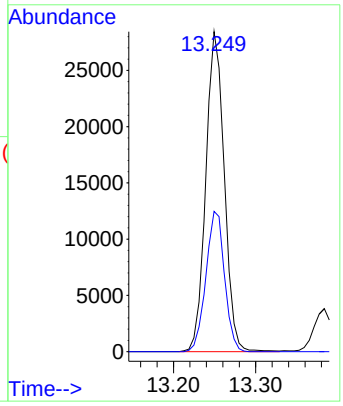




#63
1,2,4-Trimethylbenzene
Concen: 5.05 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020513.D
Acq: 15 Oct 2021 00:24

Tgt Ion:105 Resp: 44413

Ion	Ratio	Lower	Upper
105	100		
120	44.1	35.4	53.2



Instrument :
MSVOA_W
ClientSampleId :
JDGC1