Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
Data File : VW021677.D
Acq On : 28 Dec 2021 19:10
Operator : SY/VA
Sample : M5213-03
Misc : 5.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Quant Time: Dec 29 00:26:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	125339	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	122663	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	86179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	58963	23.859	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.440%			
7) Chloroethane-d5	2.879	69	36457	21.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.600%			
11) 1,1-Dichloroethene-d2	4.013	63	58210	16.096	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.400%			
21) 2-Butanone-d5	7.086	46	15327	42.392	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.780%			
24) Chloroform-d	7.647	84	81019	20.693	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.760%			
26) 1,2-Dichloroethane-d4	8.305	65	44252	21.405	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.600%			
32) Benzene-d6	8.275	84	157225	21.587	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.360%			
36) 1,2-Dichloropropane-d6	9.274	67	42751	21.637	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.560%			
41) Toluene-d8	10.323	98	156721	21.596	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.400%			
43) trans-1,3-Dichloroprop...	10.579	79	21013	21.856	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.440%			
47) 2-Hexanone-d5	10.927	63	13655	45.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.140%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36720	22.542	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	70565	21.412	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.640%			
Target Compounds						Qvalue
13) Acetone	4.153	43	9026	29.402	ug/L	93
22) 2-Butanone	7.189	43	1560	3.738	ug/L	85
33) Benzene	8.323	78	11628	1.554	ug/L	100
52) Ethylbenzene	11.731	91	608526	62.747	ug/L	95
53) m,p-Xylene	11.835	106	1101433	283.441	ug/L	91
54) o-Xylene	12.164	106	302938	82.252	ug/L	92
60) Isopropylbenzene	12.463	105	26961	2.244	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	311602	30.680	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	1365425	135.345	ug/L	96

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

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Instrument :
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ClientSampleId :
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Quant Time: Dec 29 00:26:29 2021
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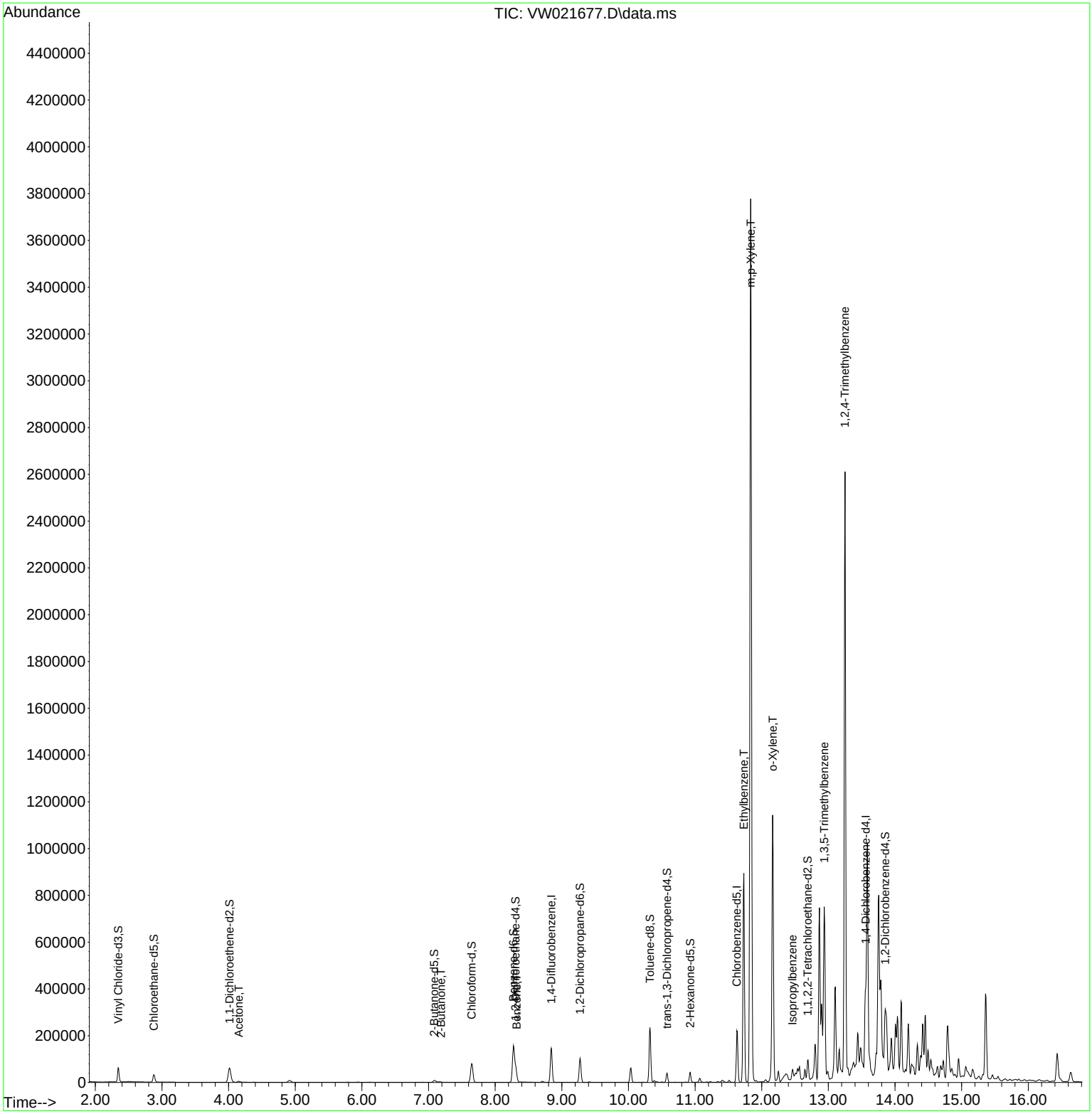
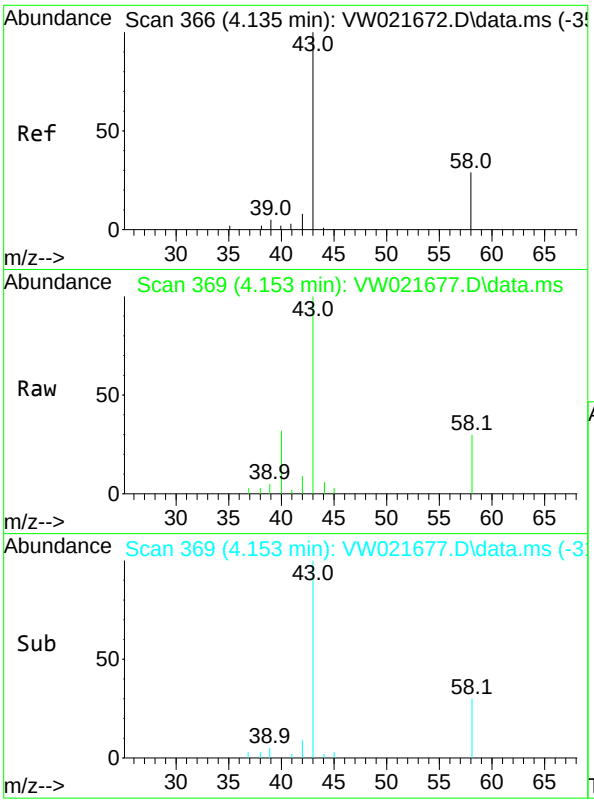
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
Response via : Initial Calibration



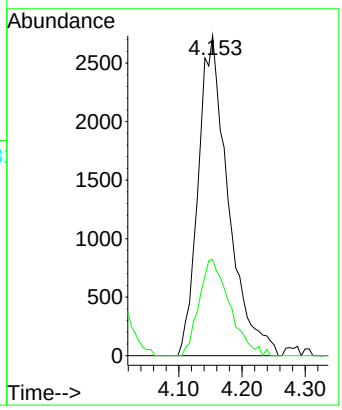


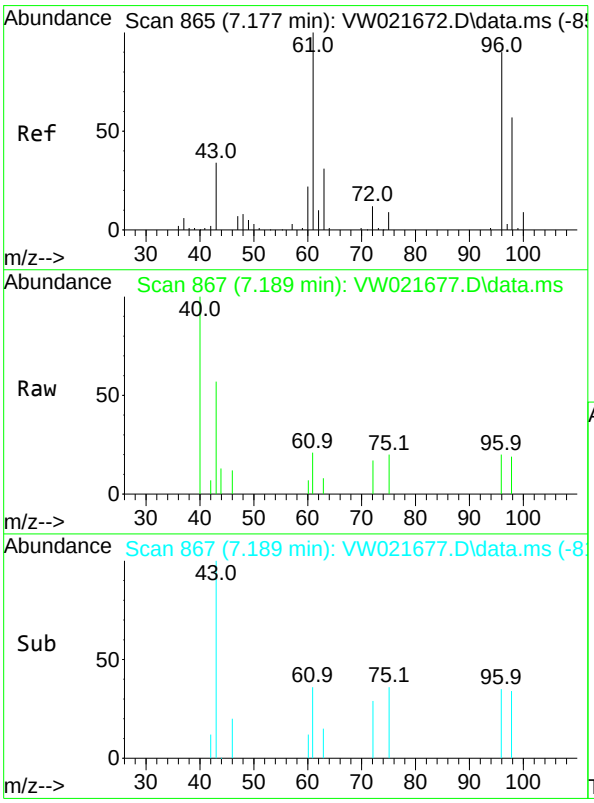
#13
Acetone
Concen: 29.402 ug/L
RT: 4.153 min Scan# 3
Delta R.T. 0.018 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Tgt Ion: 43 Resp: 9026

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	52.8

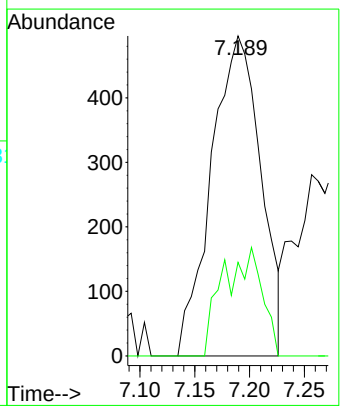


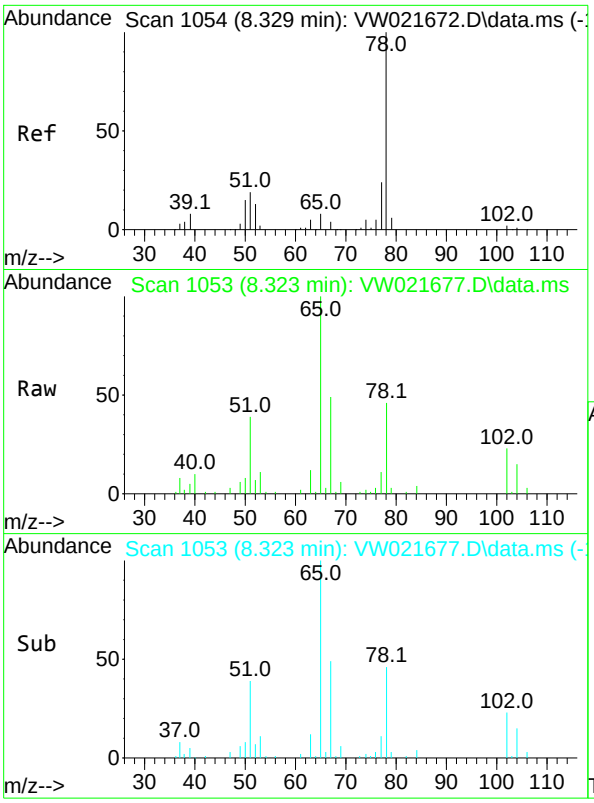


#22
2-Butanone
Concen: 3.738 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Tgt Ion: 43 Resp: 1560

Ion	Ratio	Lower	Upper
43	100		
72	16.4	11.8	35.4

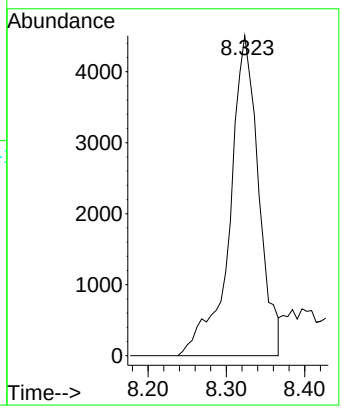


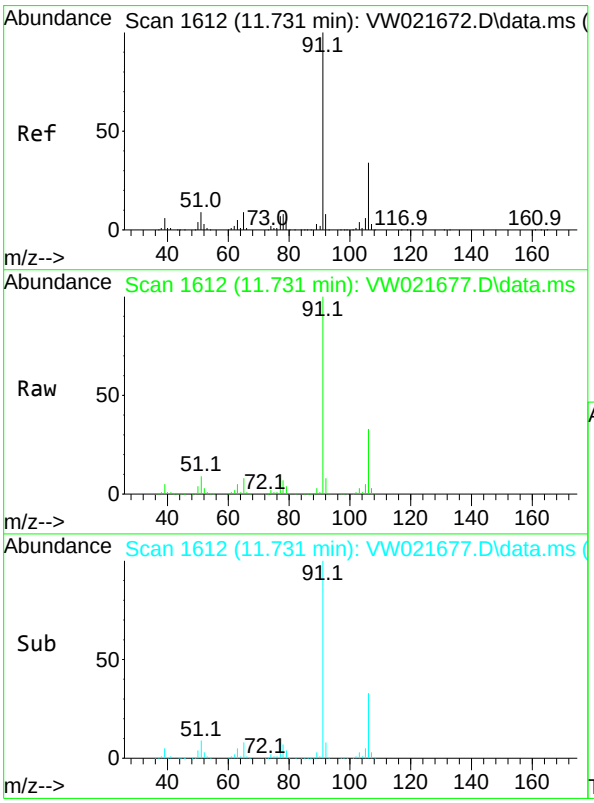


#33
Benzene
Concen: 1.554 ug/L
RT: 8.323 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Tgt Ion: 78 Resp: 11628

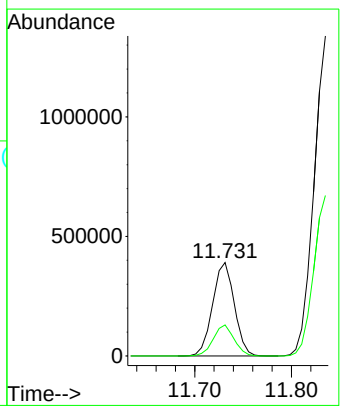


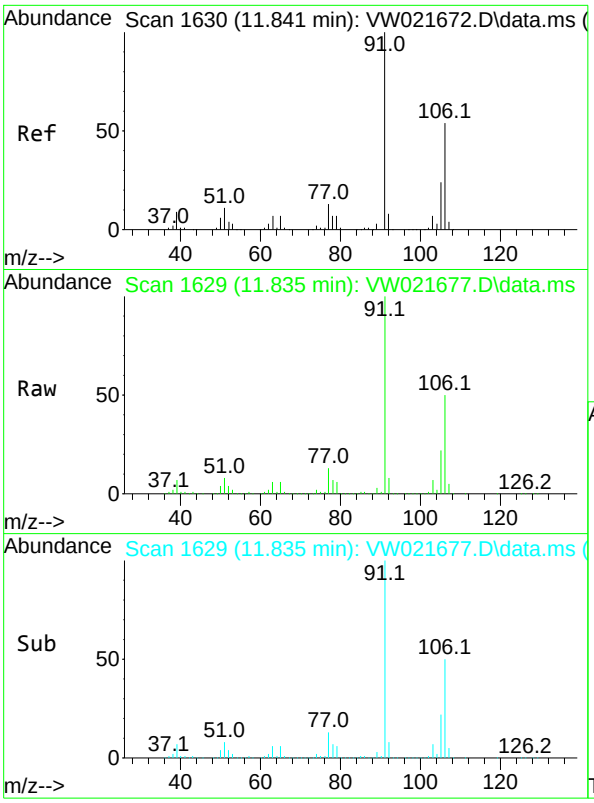


#52
Ethylbenzene
Concen: 62.747 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Tgt Ion: 91 Resp: 608526

Ion	Ratio	Lower	Upper
91	100		
106	33.3	21.5	39.9



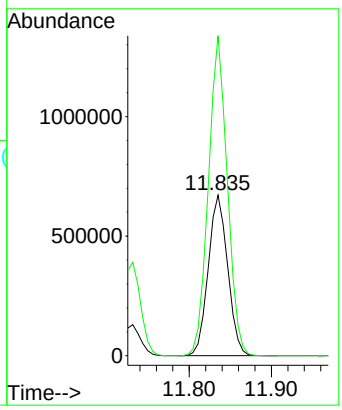


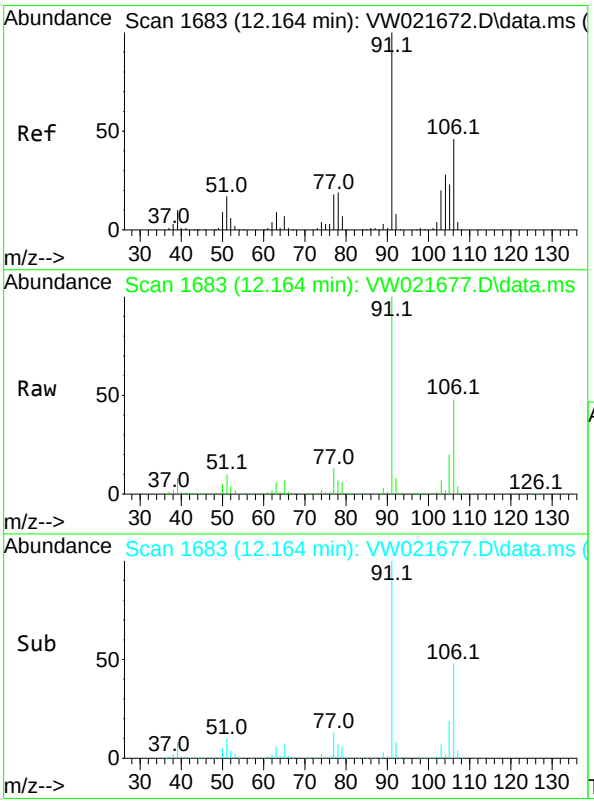
#53
m,p-Xylene
Concen: 283.441 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Tgt Ion:106 Resp: 1101433

Ion	Ratio	Lower	Upper
106	100		
91	199.4	149.9	278.3

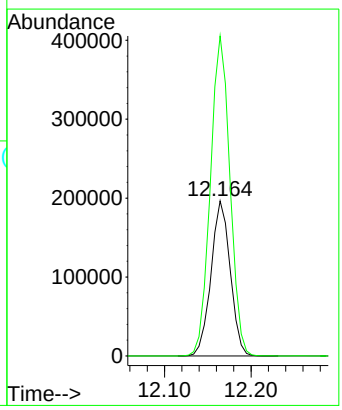


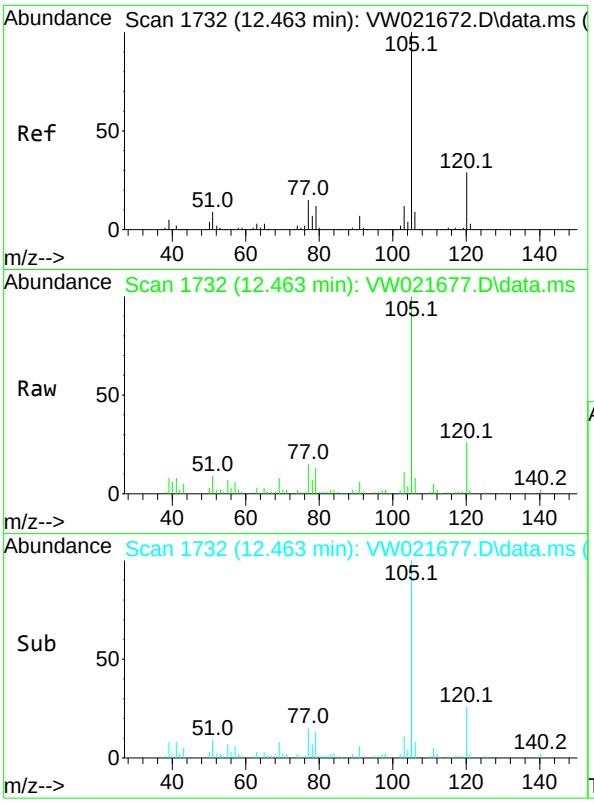


#54
o-Xylene
Concen: 82.252 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Tgt Ion:106 Resp: 302938

Ion	Ratio	Lower	Upper
106	100		
91	206.5	153.6	285.3



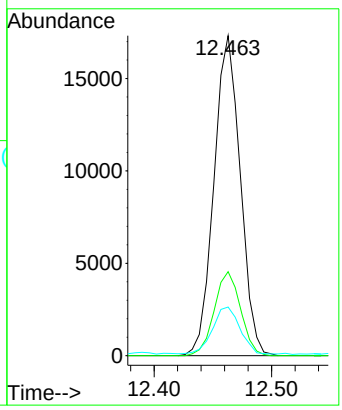


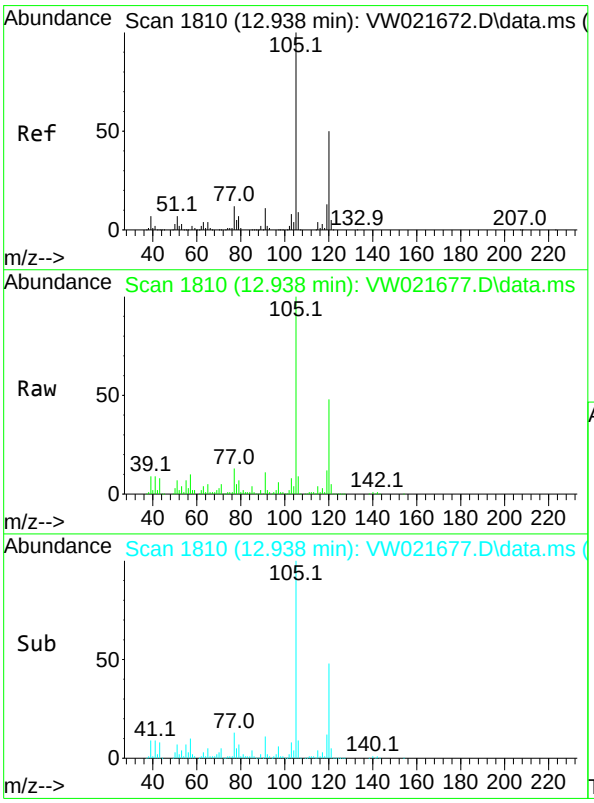
#60
Isopropylbenzene
Concen: 2.244 ug/L
RT: 12.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Tgt Ion:105 Resp: 26961

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.1	30.1
77	15.5	13.8	20.8

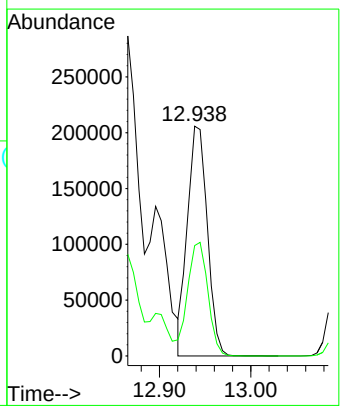


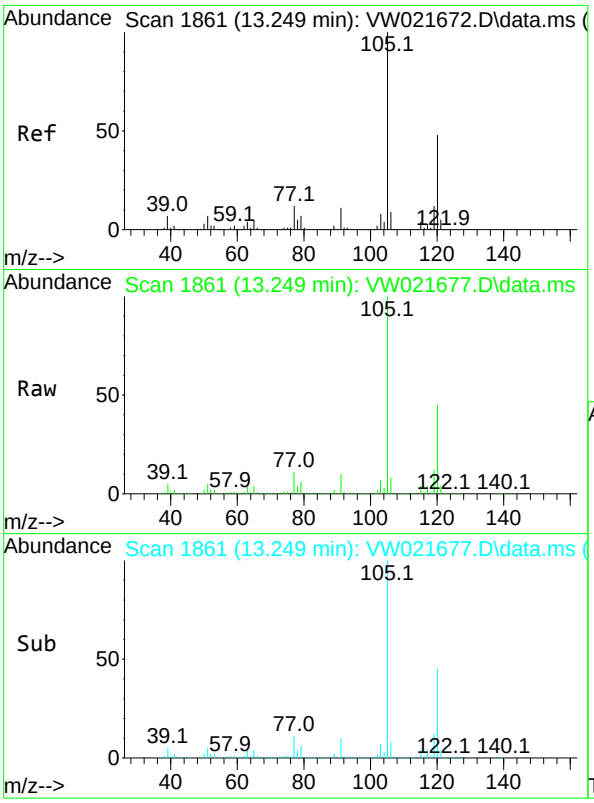


#62
1,3,5-Trimethylbenzene
Concen: 30.680 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Tgt Ion:105 Resp: 311602

Ion	Ratio	Lower	Upper
105	100		
120	51.3	37.4	56.2





#63
1,2,4-Trimethylbenzene
Concen: 135.345 ug/L
RT: 13.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021677.D
Acq: 28 Dec 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :
BGLD5

Tgt Ion:105 Resp: 1365425

Ion	Ratio	Lower	Upper
105	100		
120	46.6	35.0	52.6