Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Quant Time: Dec 06 04:30:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	77329	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	78898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22167	20.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.280%			
7) Chloroethane-d5	2.885	69	17514	24.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.120%			
11) 1,1-Dichloroethene-d2	4.019	63	28501	16.559	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.240%			
21) 2-Butanone-d5	7.086	46	13793	56.126	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.260%			
24) Chloroform-d	7.653	84	53790	27.776	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.120%			
26) 1,2-Dichloroethane-d4	8.305	65	33438	31.561	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 126.240%			
32) Benzene-d6	8.275	84	100748	24.974	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.880%			
36) 1,2-Dichloropropane-d6	9.274	67	31234	27.861	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.440%			
41) Toluene-d8	10.323	98	96857	23.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.680%			
43) trans-1,3-Dichloroprop...	10.579	79	13144	25.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.280%			
47) 2-Hexanone-d5	10.927	63	11453	53.396	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.800%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26417	25.471	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	36827	22.954	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
13) Acetone	4.135	43	8831	39.450	ug/L	91
22) 2-Butanone	7.183	43	1547	4.994	ug/L	87
35) Methylcyclohexane	9.342	83	2372	1.138	ug/L #	82
52) Ethylbenzene	11.731	91	38671	6.703	ug/L	99
53) m,p-Xylene	11.835	106	21315	8.931	ug/L	88
54) o-Xylene	12.164	106	7468	3.319	ug/L	95
60) Isopropylbenzene	12.463	105	20926	3.363	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	10100	1.938	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	39783	7.590	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	3158	1.785	ug/L #	55

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

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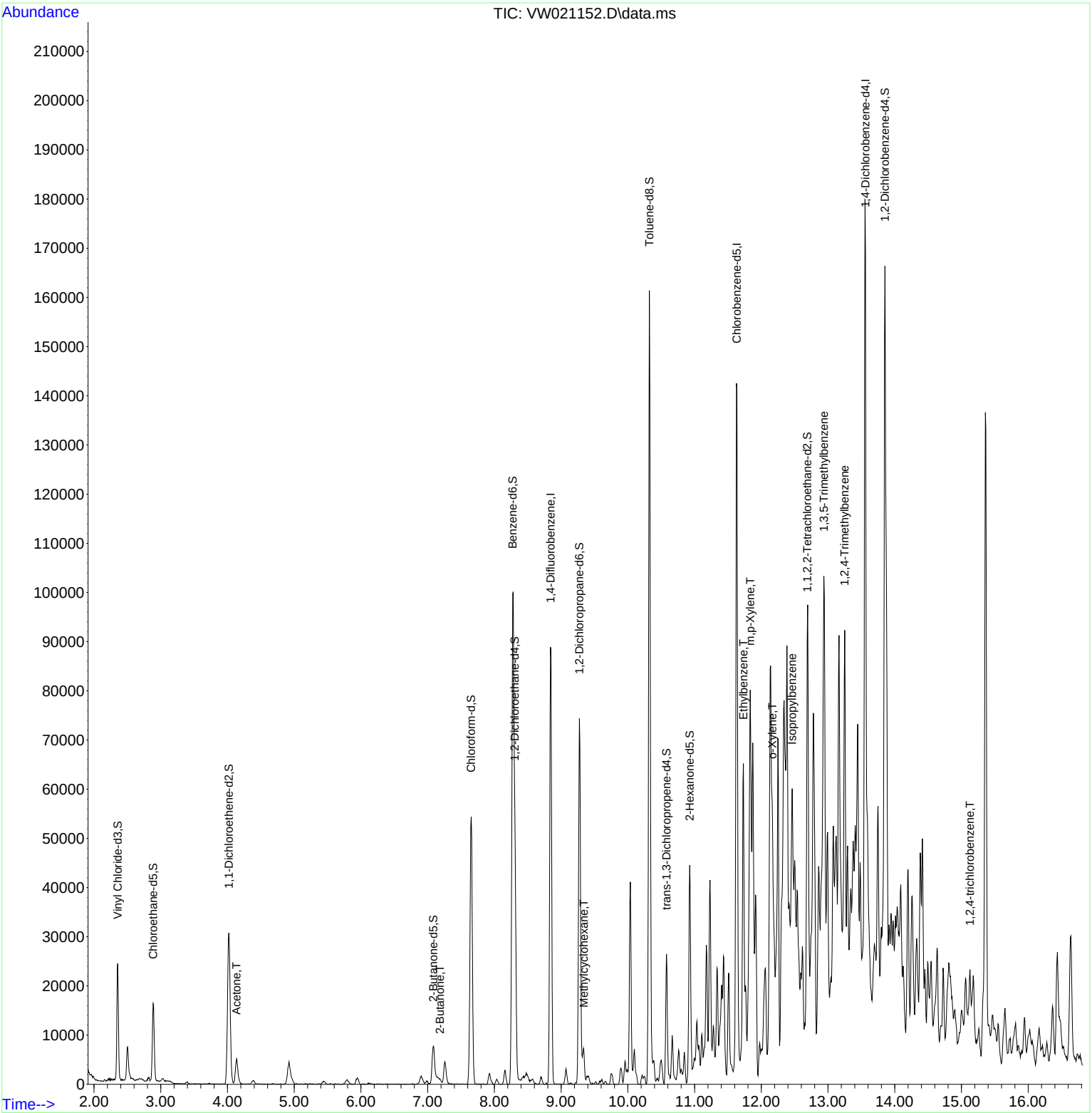
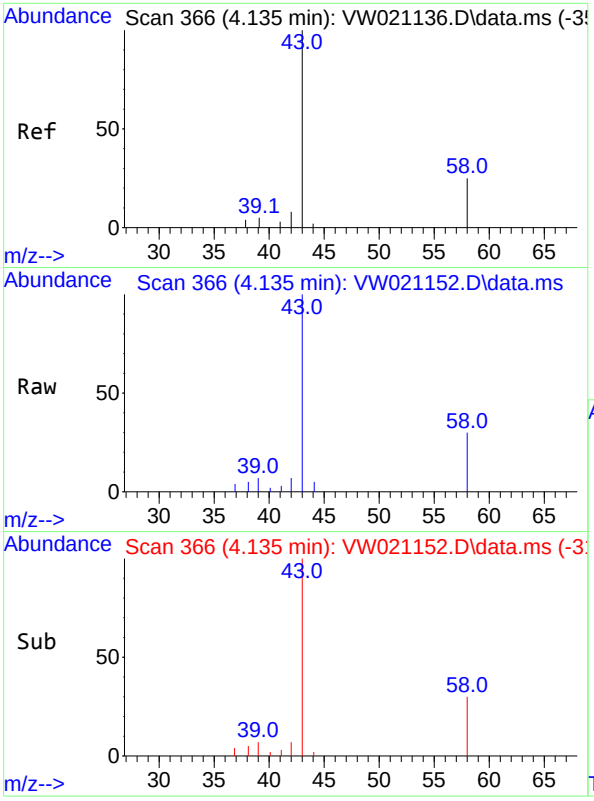


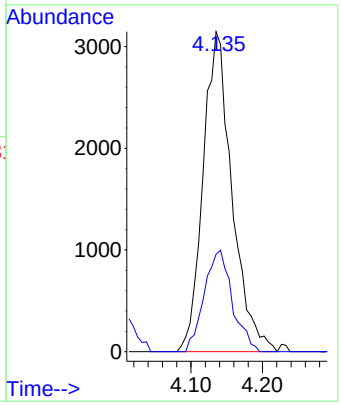


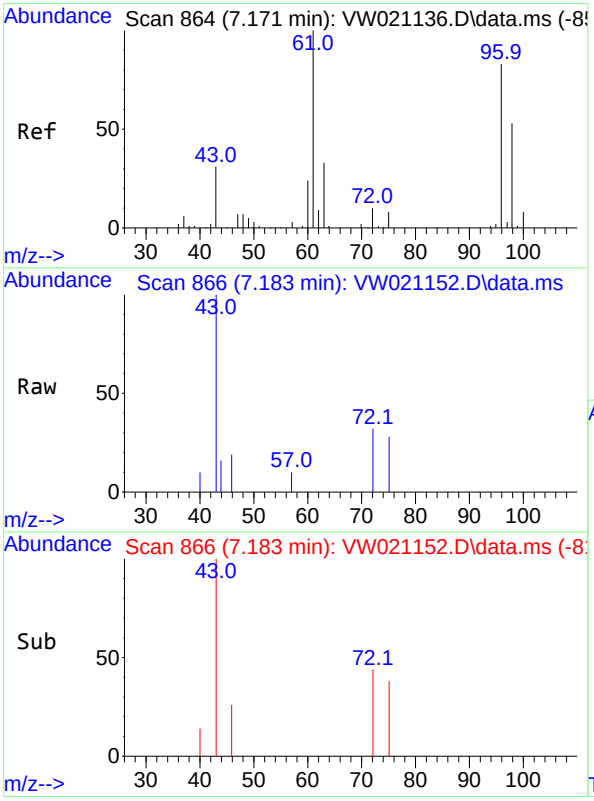
#13
Acetone
Concen: 39.450 ug/L
RT: 4.135 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Tgt Ion: 43 Resp: 8831

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	52.8

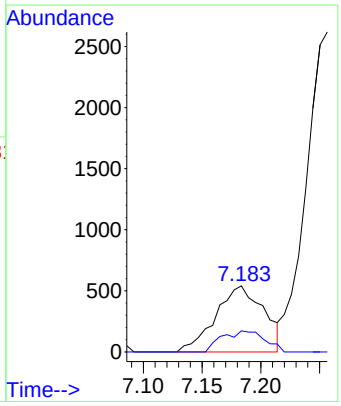


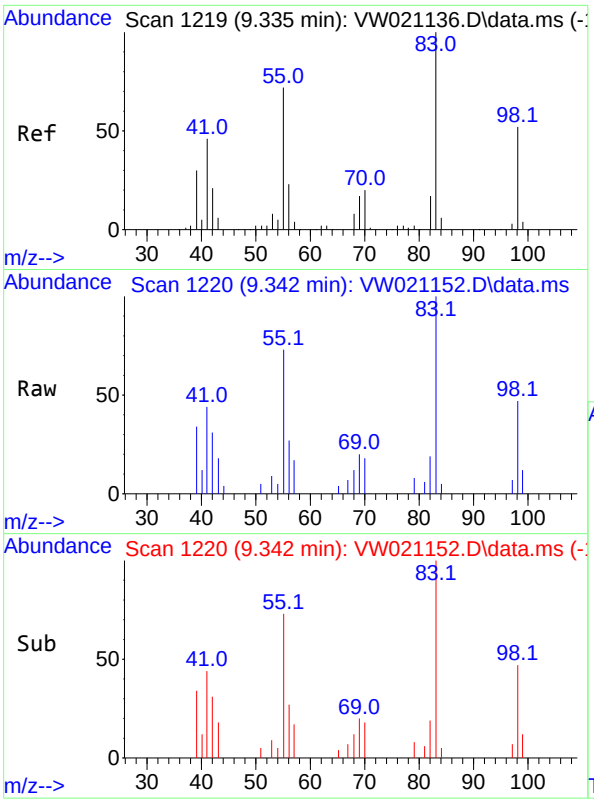


#22
2-Butanone
Concen: 4.994 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Tgt Ion: 43 Resp: 1547

Ion	Ratio	Lower	Upper
43	100		
72	17.4	11.8	35.4



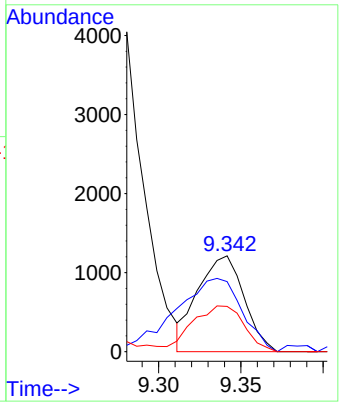


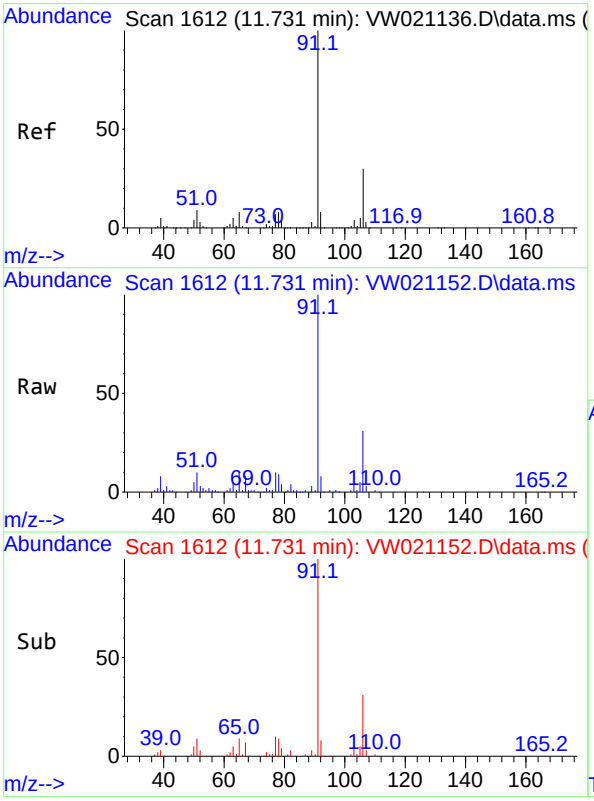
#35
Methylcyclohexane
Concen: 1.138 ug/L
RT: 9.342 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Tgt Ion: 83 Resp: 2372

Ion	Ratio	Lower	Upper
83	100		
55	110.6	70.8	106.2#
98	53.0	37.7	56.5

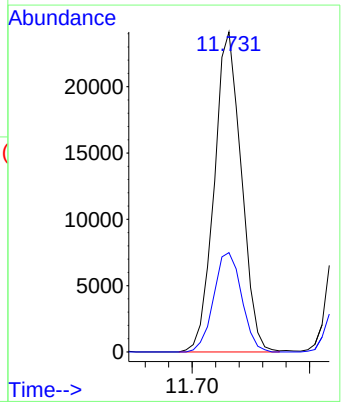


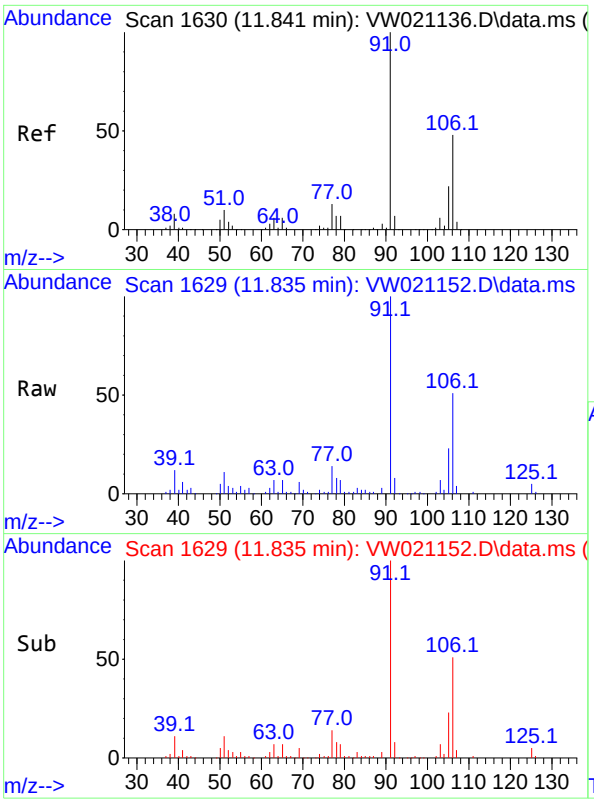


#52
Ethylbenzene
Concen: 6.703 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Tgt Ion: 91 Resp: 38671

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.5	39.9



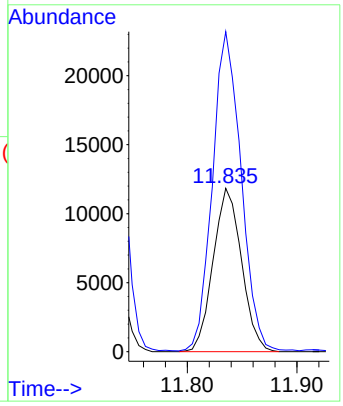


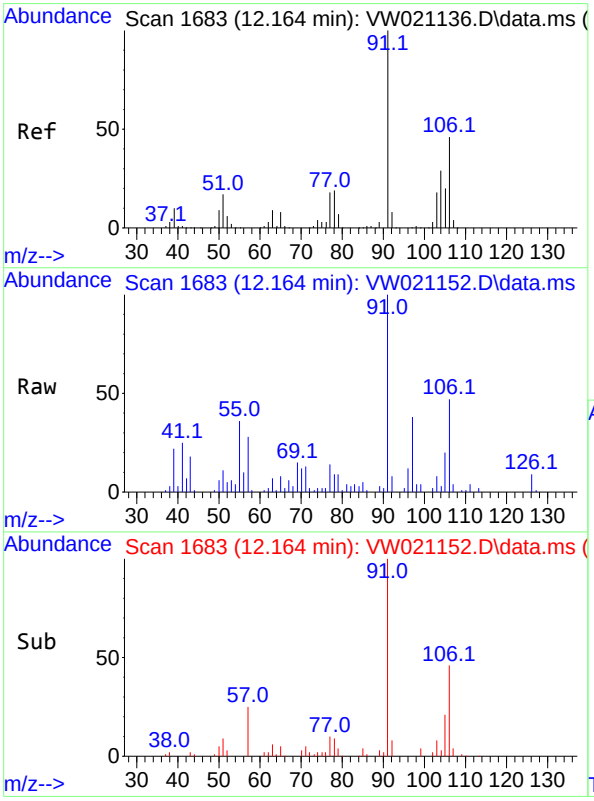
#53
m,p-Xylene
Concen: 8.931 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Tgt Ion:106 Resp: 21315

Ion	Ratio	Lower	Upper
106	100		
91	195.8	149.9	278.3

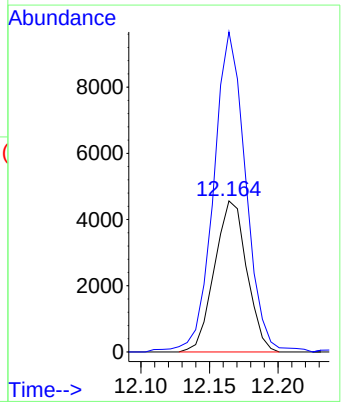


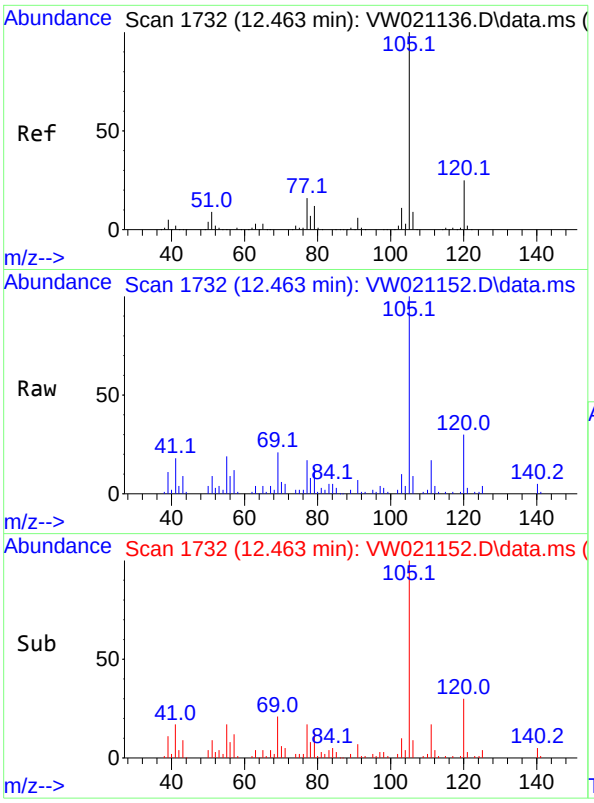


#54
o-Xylene
Concen: 3.319 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Tgt Ion:106 Resp: 7468

Ion	Ratio	Lower	Upper
106	100		
91	211.9	153.6	285.3



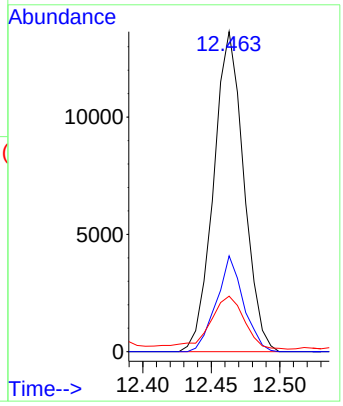


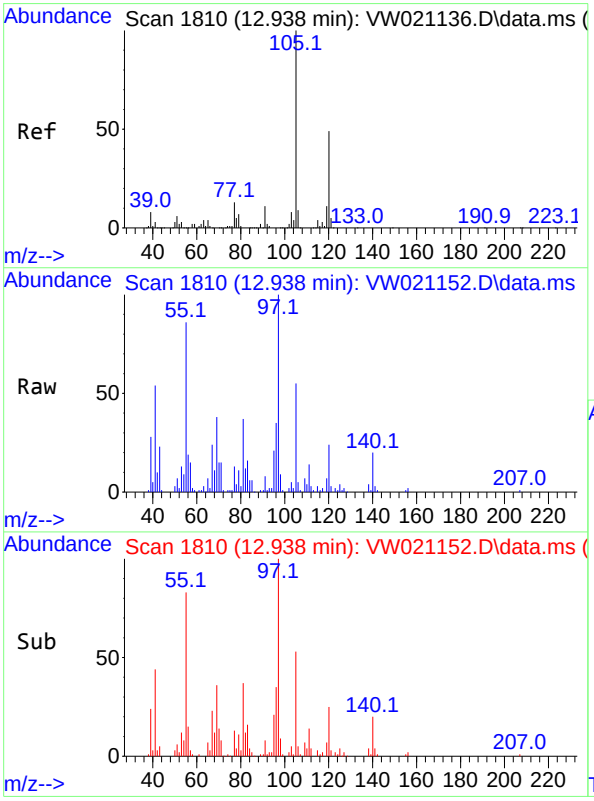
#60
Isopropylbenzene
Concen: 3.363 ug/L
RT: 12.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Tgt Ion:105 Resp: 20926

Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.1	30.1
77	17.4	13.8	20.8

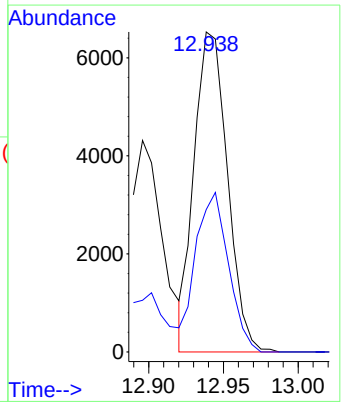


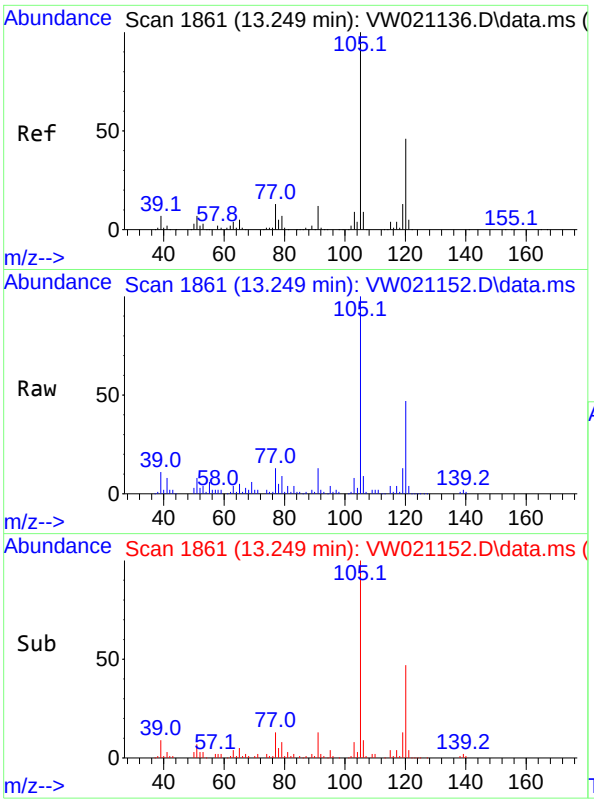


#62
1,3,5-Trimethylbenzene
Concen: 1.938 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Tgt Ion:105 Resp: 10100

Ion	Ratio	Lower	Upper
105	100		
120	49.1	37.4	56.2



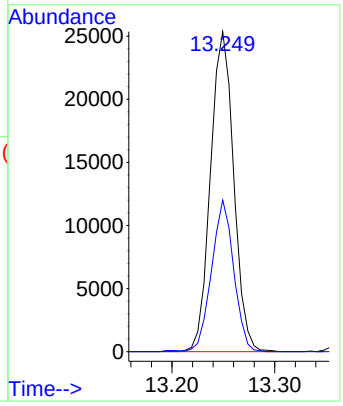


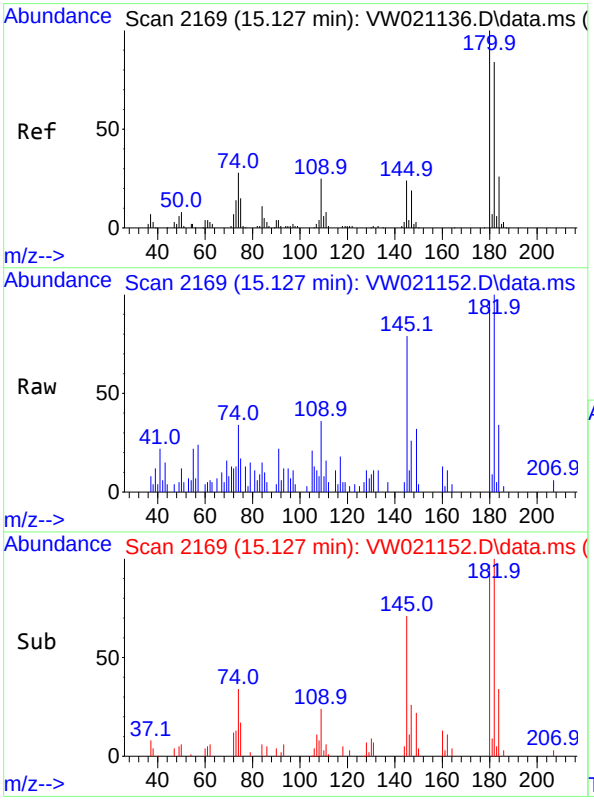
#63
1,2,4-Trimethylbenzene
Concen: 7.590 ug/L
RT: 13.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Tgt Ion:105 Resp: 39783

Ion	Ratio	Lower	Upper
105	100		
120	45.1	35.0	52.6





#70
1,2,4-trichlorobenzene
Concen: 1.785 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021152.D
Acq: 05 Dec 2021 06:13

Tgt Ion:180 Resp: 3158

Ion	Ratio	Lower	Upper
180	100		
182	107.1	79.0	118.6
145	121.0	26.0	39.0#