Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\
Data File : VW016110.D
Acq On : 10 Aug 2020 19:29
Operator : SY/VA
Sample : L3598-13
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Time: Aug 11 01:59:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327574	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83229	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	92788	22.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.40%			
7) Chloroethane-d5	2.89	69	69267	22.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.88%			
10) 1,1-Dichloroethene-d2	4.01	63	147692	17.12	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.48%			
20) 2-Butanone-d5	7.09	46	91150	85.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 170.58%#			
24) Chloroform-d	7.65	84	205034	23.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.28%			
26) 1,2-Dichloroethane-d4	8.30	65	130651	27.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.92%			
29) Benzene-d6	8.27	84	399558	25.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.76%			
33) 1,2-Dichloropropane-d6	9.27	67	119319	26.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.32%			
37) Toluene-d8	10.32	98	343408	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.28%			
38) trans-1,3-Dichloropropene-	10.58	79	56062	27.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.08%			
39) 2-Hexanone-d5	10.93	63	70772	89.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 179.36%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129945	34.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 139.56%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	80954	27.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.76%			
Target Compounds						Qvalue
3) Chloromethane	2.18	50	1294	0.394	ug/L	95
13) Acetone	4.13	43	10472	12.953	ug/L	90
16) Methylene chloride	4.92	84	9256	1.789	ug/L	87
30) Cyclohexane	7.93	56	11712	1.882	ug/L #	95
34) Benzene	8.32	78	97811	5.931	ug/L	100
36) Methylcyclohexane	9.34	83	22568	3.090	ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	3810	0.618	ug/L #	73
44) Toluene	10.39	91	97155	5.581	ug/L	99
46) 1,1,2-Trichloroethane	10.76	97	2925	0.918	ug/L #	26
49) 2-Hexanone	10.93	43	10976	6.678	ug/L #	54
53) Ethylbenzene	11.73	91	52691	2.668	ug/L	100
54) m,p-Xylene	11.83	106	6942	0.934	ug/L	88
55) o-xylene	12.16	106	2231	0.319	ug/L	95

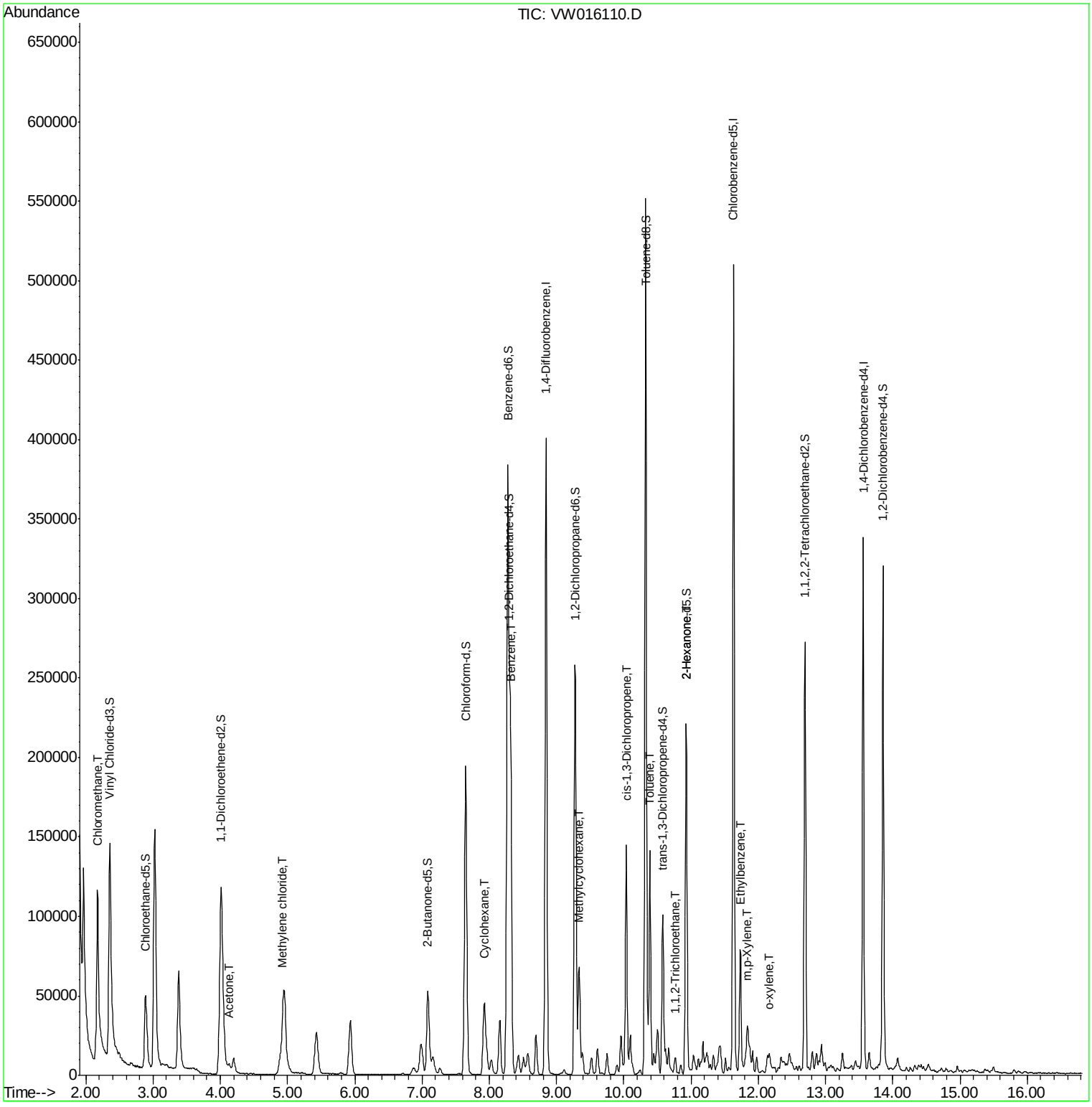
(#) = qualifier out of range (m) = manual integration (+) = signals summed

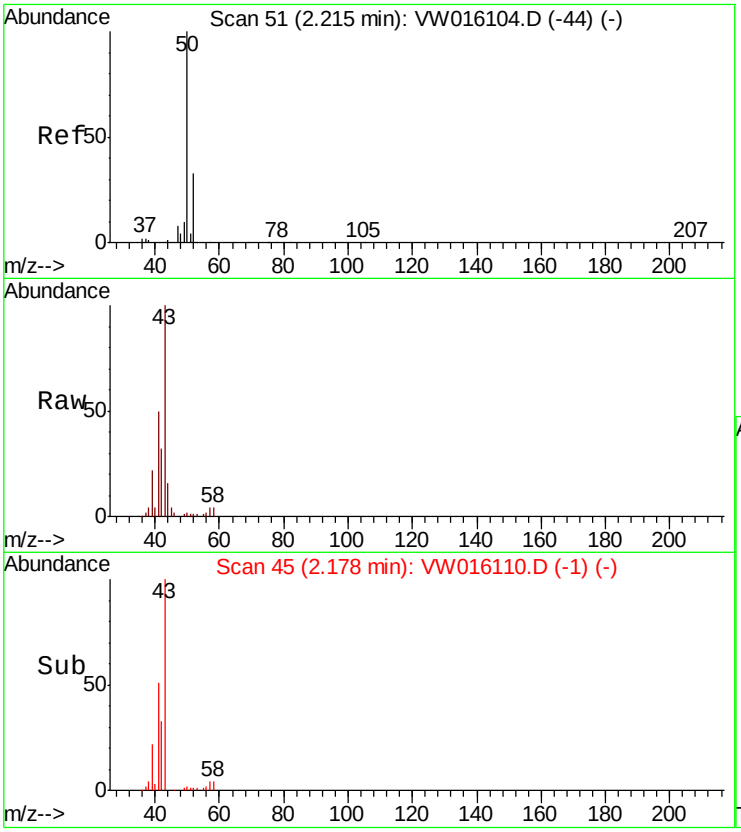
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\
Data File : VW016110.D
Acq On : 10 Aug 2020 19:29
Operator : SY/VA
Sample : L3598-13
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Time: Aug 11 01:59:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration



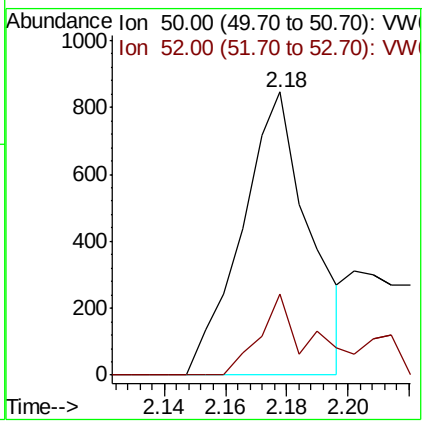


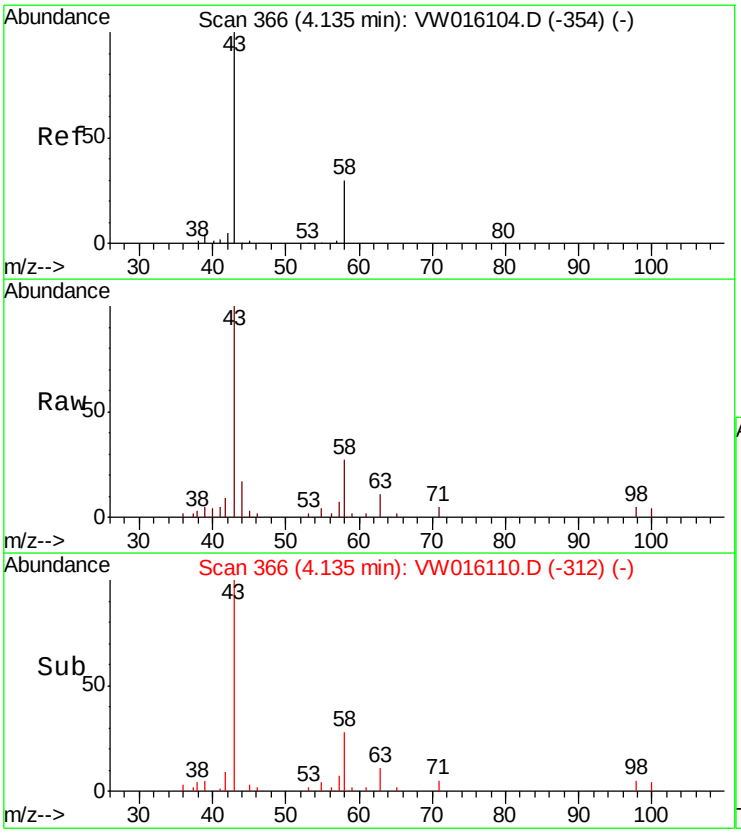
#3
Chloromethane
Concen: 0.394 ug/L
RT: 2.18 min Scan# 45
Delta R.T. -0.04 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument : MSVOA_W
ClientSampleId : GAY69

Tgt Ion: 50 Resp: 1294

Ion	Ratio	Lower	Upper
50	100		
52	28.5	22.0	40.8

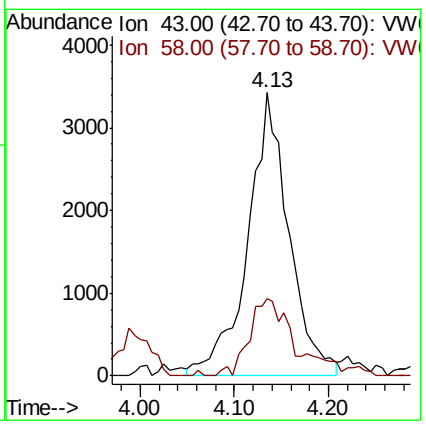


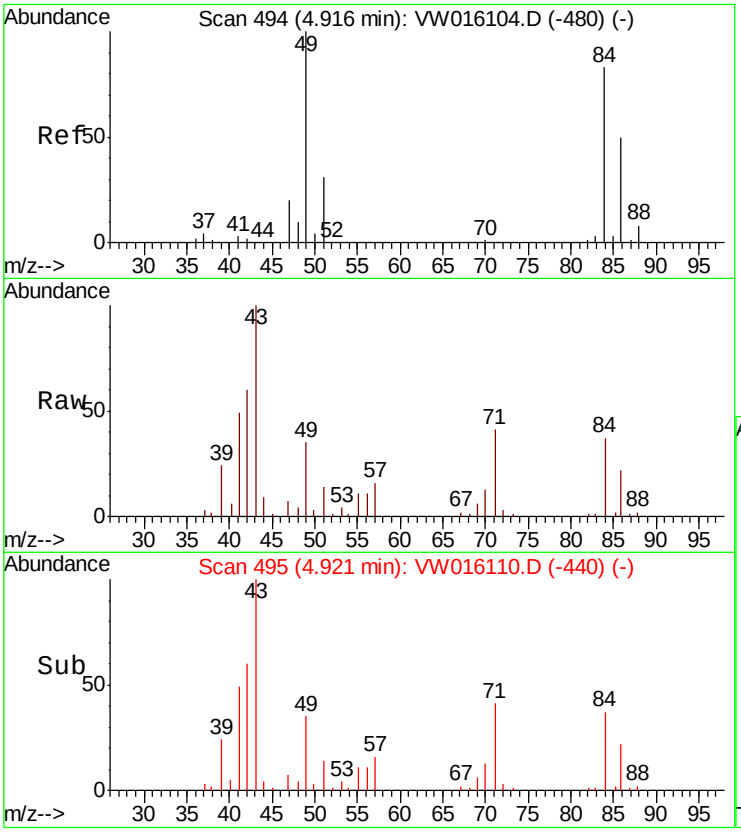


#13
Acetone
Concen: 12.953 ug/L
RT: 4.13 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 43 Resp: 10472

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	59.4



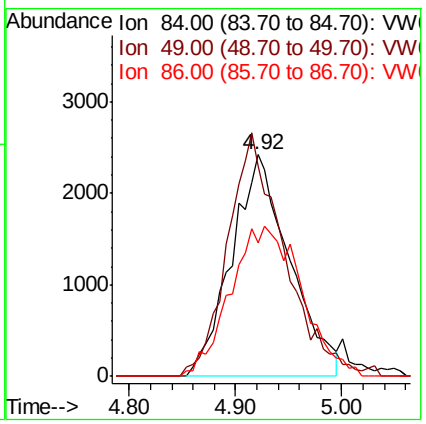


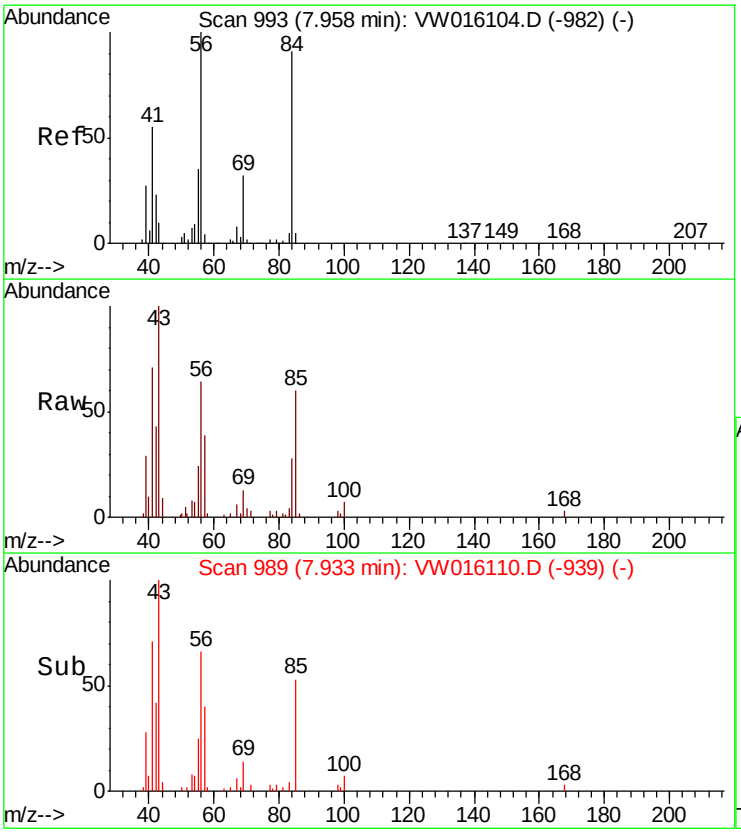
#16
Methylene chloride
Concen: 1.789 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument : MSVOA_W
ClientSampleId : GAY69

Tgt Ion: 84 Resp: 9256

Ion	Ratio	Lower	Upper
84	100		
49	95.0	80.4	149.4
86	60.2	43.8	81.3

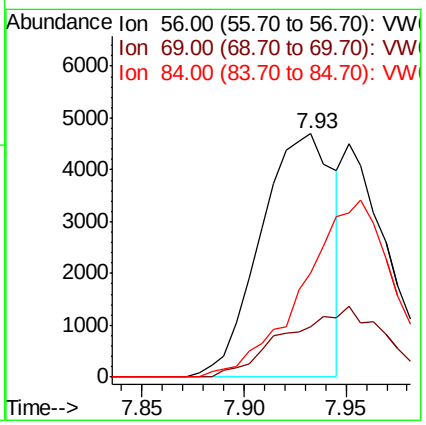


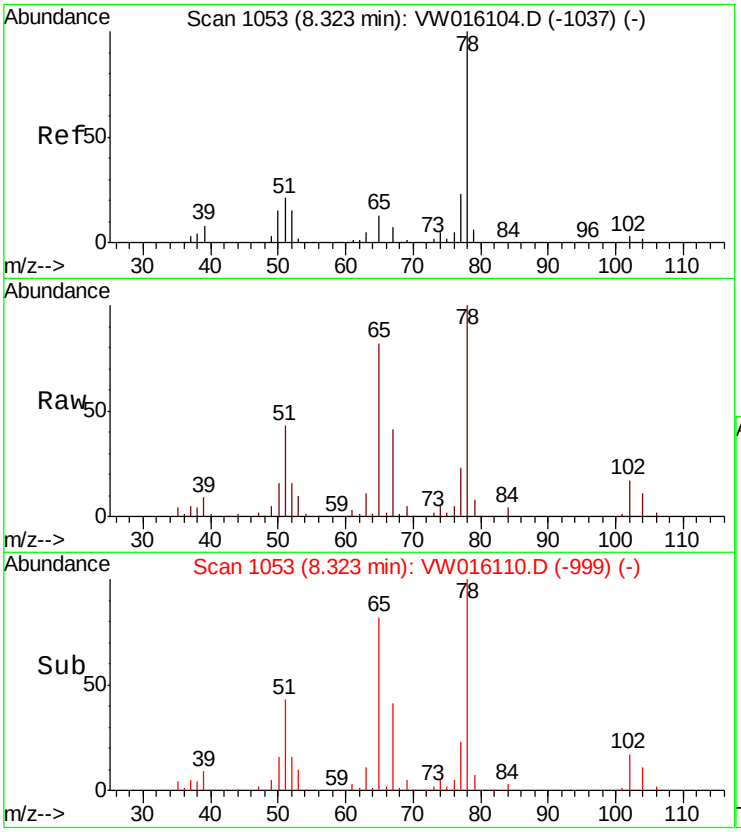


#30
Cyclohexane
Concen: 1.882 ug/L
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 56 Resp: 11712

Ion	Ratio	Lower	Upper
56	100		
69	39.2	25.4	38.0#
84	89.5	73.0	109.6

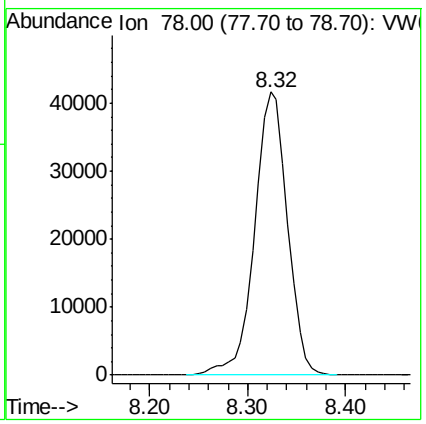


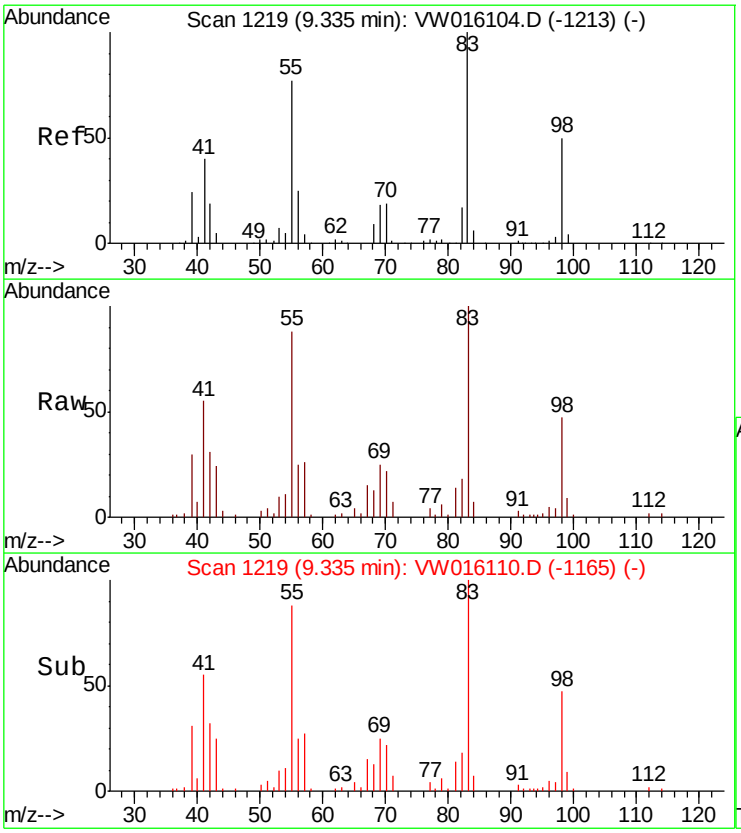


#34
Benzene
Concen: 5.931 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Tgt Ion: 78 Resp: 97811

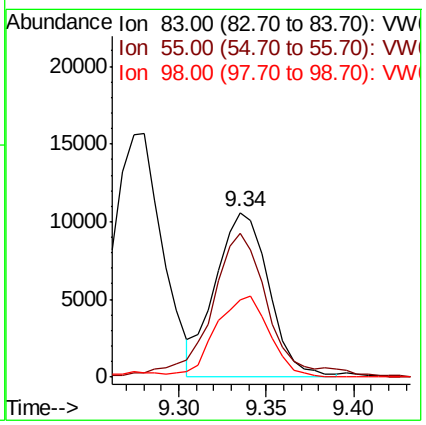


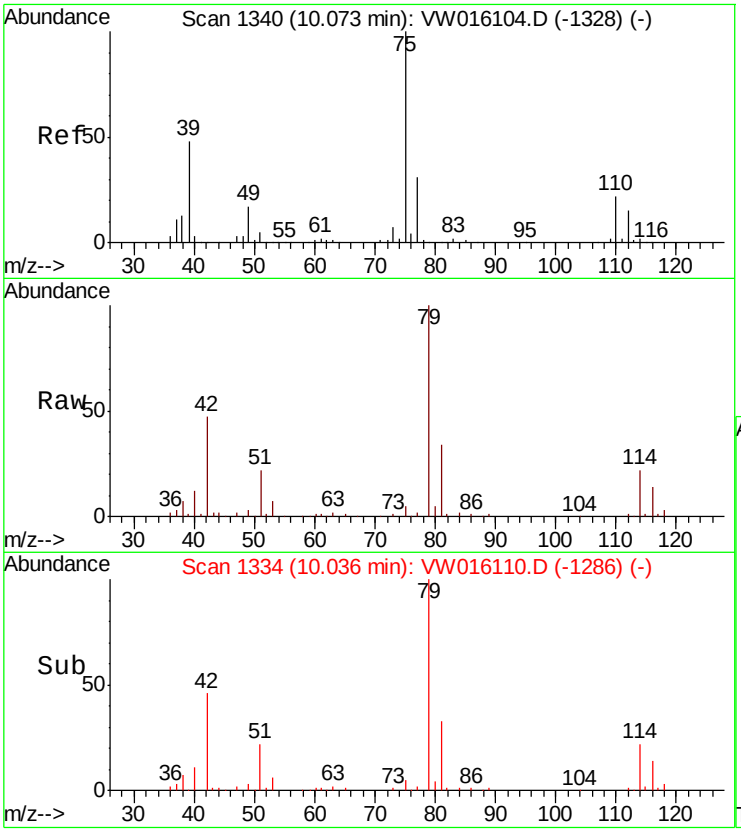


#36
Methylcyclohexane
Concen: 3.090 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 83 Resp: 22568

Ion	Ratio	Lower	Upper
83	100		
55	89.6	60.7	91.1
98	49.2	39.4	59.0



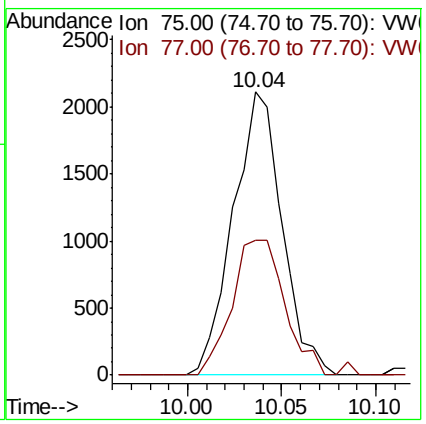


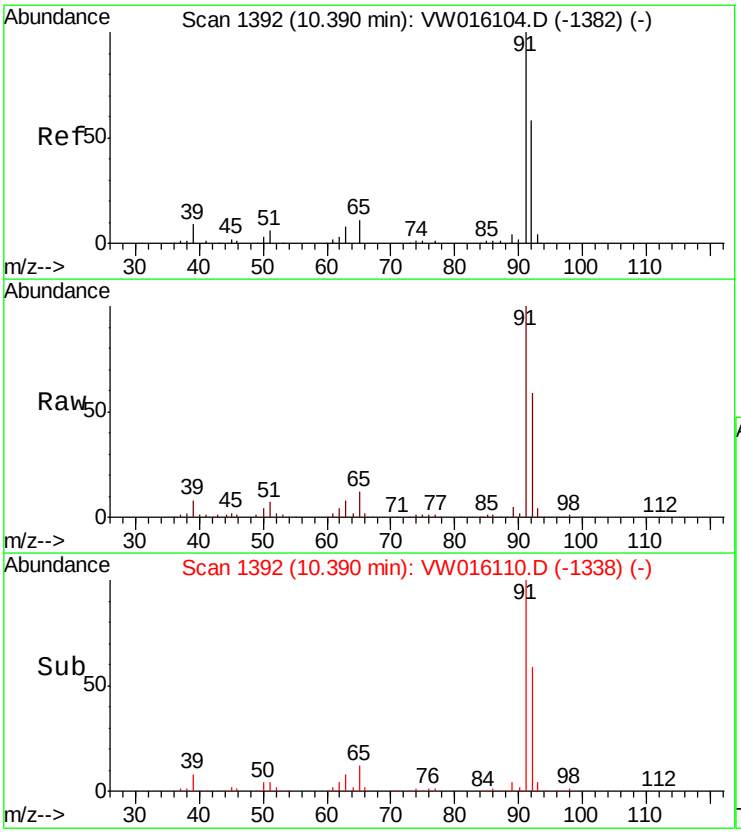
#42
cis-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument : MSVOA_W
ClientSampleId : GAY69

Tgt Ion: 75 Resp: 3810

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.9	42.5#

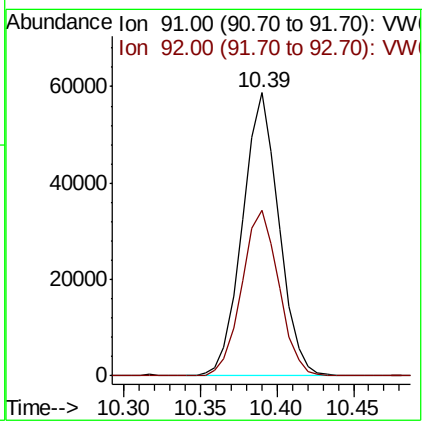


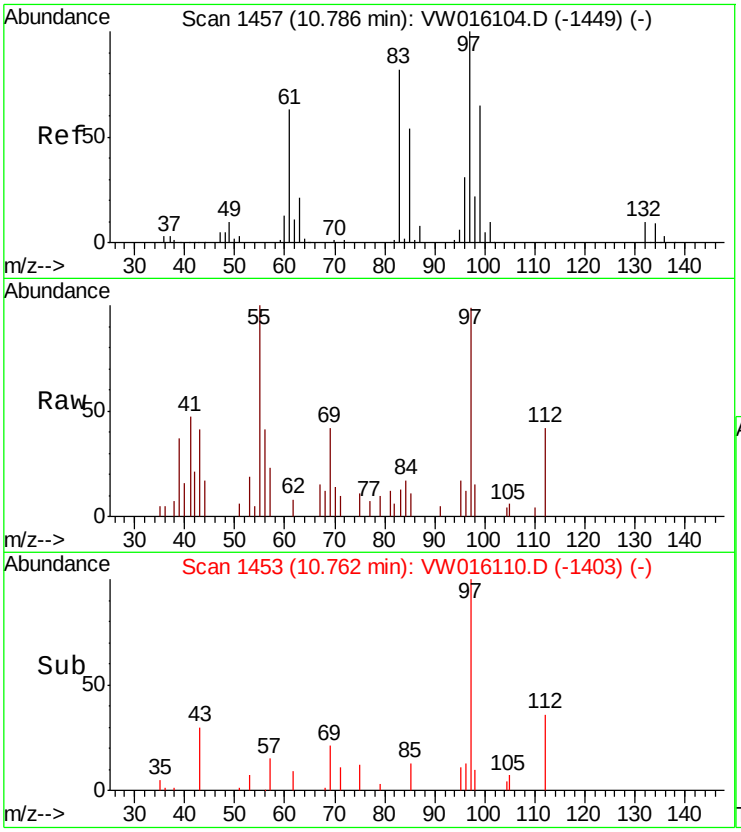


#44
Toluene
Concen: 5.581 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 91 Resp: 97155

Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.8	77.6



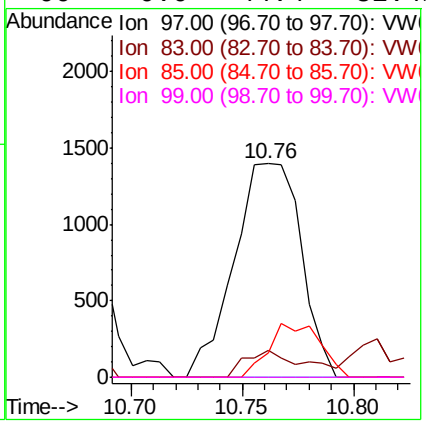


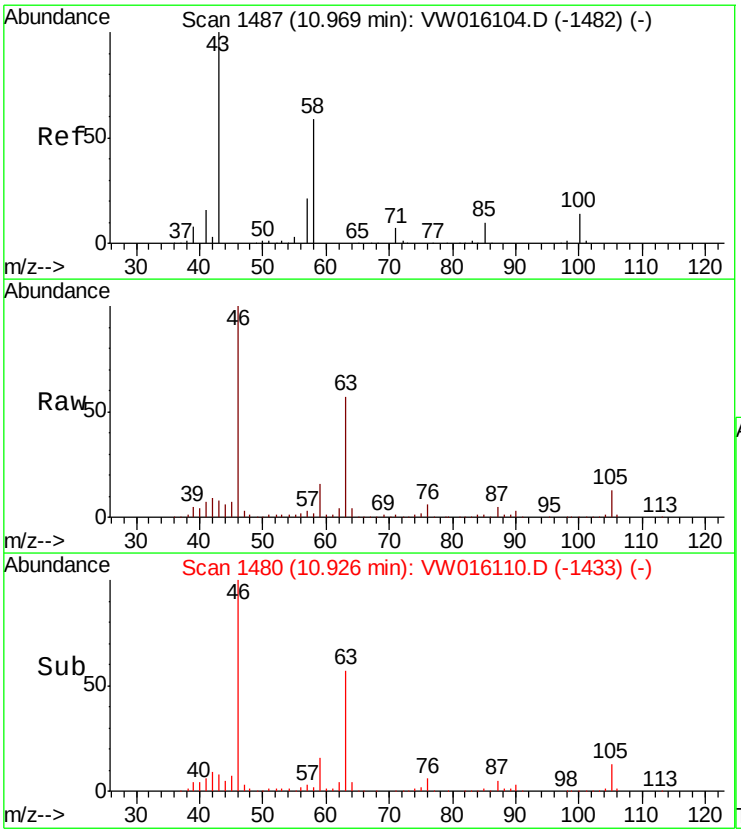
#46
1,1,2-Trichloroethane
Concen: 0.918 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Tgt Ion: 97 Resp: 2925

Ion	Ratio	Lower	Upper
97	100		
83	12.9	57.8	107.4#
85	11.5	38.0	70.6#
99	0.0	44.4	82.4#

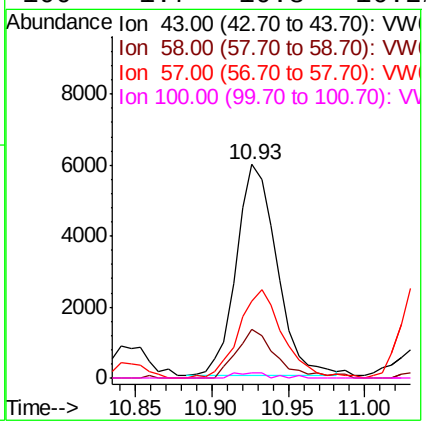


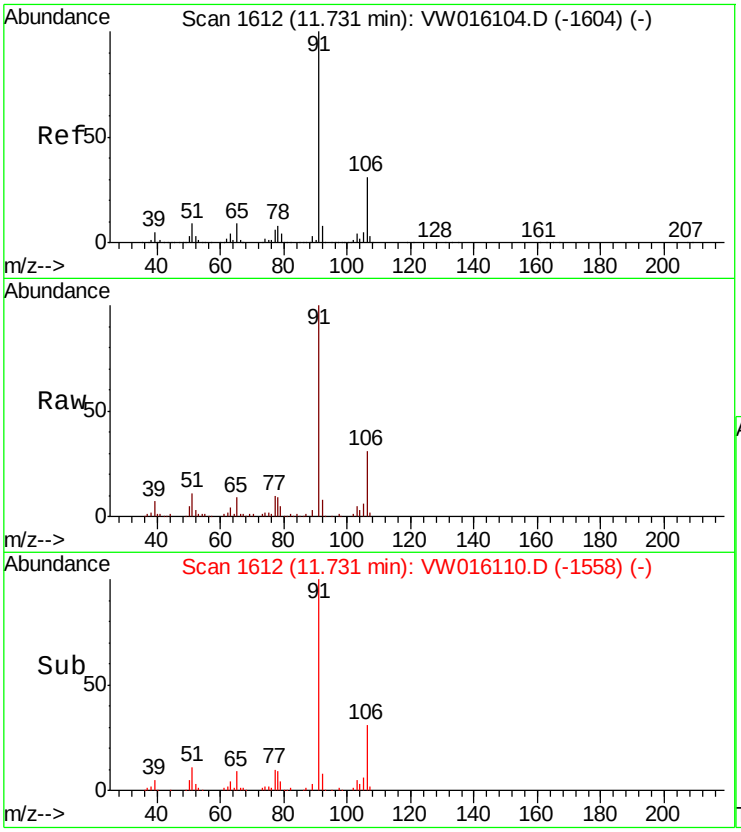


#49
2-Hexanone
Concen: 6.678 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 43 Resp: 10976

Ion	Ratio	Lower	Upper
43	100		
58	22.1	44.2	66.2#
57	45.6	15.8	23.6#
100	1.7	10.8	16.2#



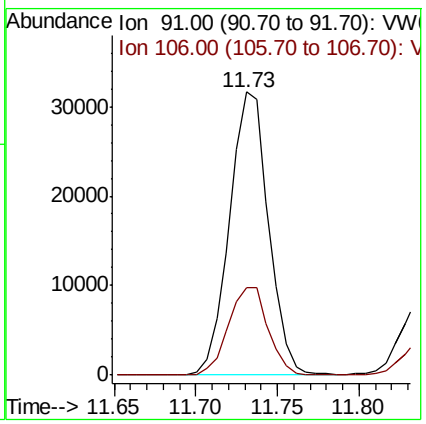


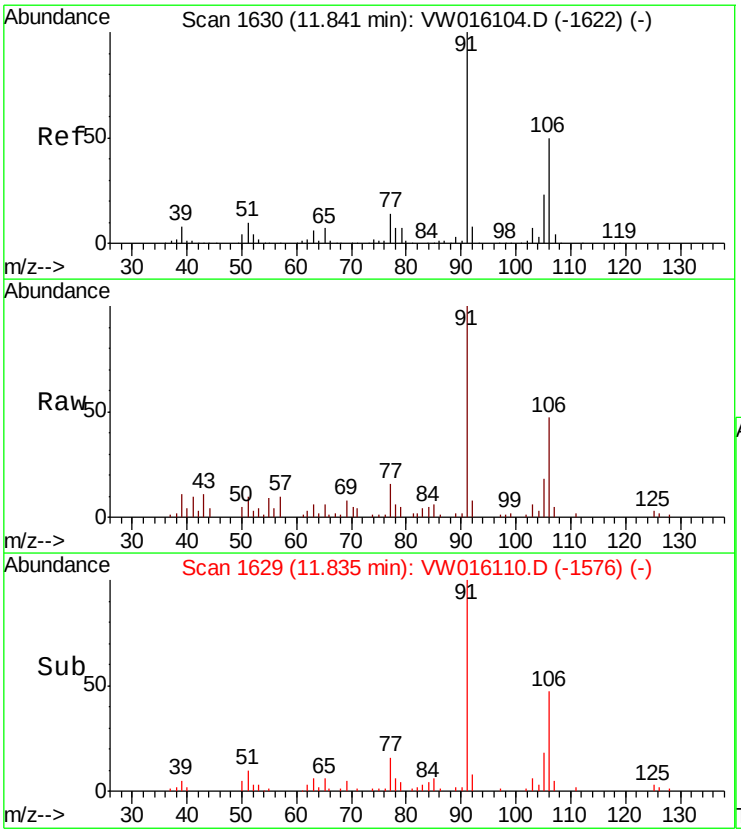
#53
Ethylbenzene
Concen: 2.668 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument : MSVOA_W
ClientSampleId : GAY69

Tgt Ion: 91 Resp: 52691

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.8	40.4

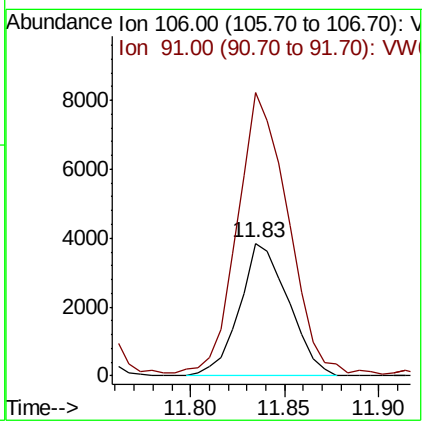


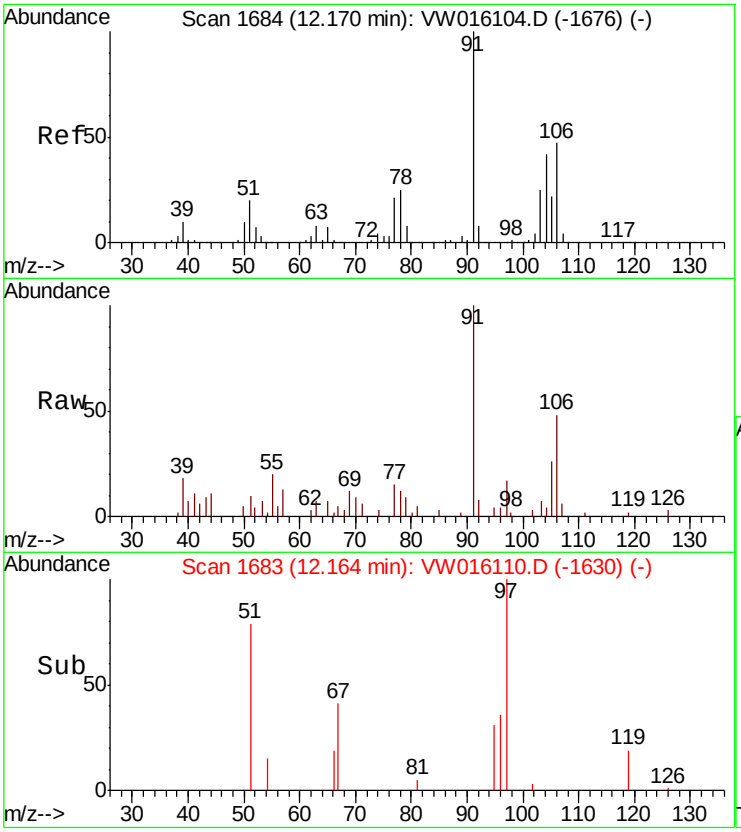


#54
m,p-Xylene
Concen: 0.934 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion:106 Resp: 6942

Ion	Ratio	Lower	Upper
106	100		
91	213.2	136.4	253.2





#55
o-xylene
Concen: 0.319 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Tgt Ion:106 Resp: 2231

Ion	Ratio	Lower	Upper
106	100		
91	208.8	151.3	281.1