Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010130.D
Acq On : 25 Apr 2019 06:40
Operator : SY/VA
Sample : K2497-03
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHX9

Quant Time: Apr 25 08:12:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 08:08:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	8650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	12468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	5154	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	355	4.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 17.16%#			
7) Chloroethane-d5	2.89	69	879	12.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.44%			
10) 1,1-Dichloroethene-d2	4.03	63	543	2.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 8.96%#			
20) 2-Butanone-d5	7.09	46	3362	86.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 172.20%#			
24) Chloroform-d	7.65	84	7156	31.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 124.28%			
26) 1,2-Dichloroethane-d4	8.30	65	7358	54.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 218.52%#			
29) Benzene-d6	8.28	84	10899	15.43	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery = 61.72%			
33) 1,2-Dichloropropane-d6	9.28	67	6169	28.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.08%			
37) Toluene-d8	10.32	98	8565	13.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 53.40%			
38) trans-1,3-Dichloropropene-	10.57	79	2281	22.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.96%			
39) 2-Hexanone-d5	10.93	63	1477	31.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	8814	48.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 192.92%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	5990	31.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 125.56%#			
Target Compounds						Qvalue
3) Chloromethane	2.33	50	174	1.911	ug/L	95
5) Vinyl chloride	2.38	62	76	0.739	ug/L #	41
6) Bromomethane	2.85	94	49	0.781	ug/L	55
9) Trichlorofluoromethane	3.14	101	63	1.125	ug/L #	18
13) Acetone	4.11	43	347	11.775	ug/L	86
15) Methyl Acetate	4.67	43	544	7.803	ug/L #	55
16) Methylene chloride	4.92	84	640	5.279	ug/L #	72
21) 2-Butanone	7.18	43	159	3.480	ug/L #	51
35) Trichloroethene	8.85	95	168	0.840	ug/L #	5
36) Methylcyclohexane	9.27	83	1557	4.645	ug/L #	20
54) m,p-Xylene	11.84	106	275	0.825	ug/L #	30
56) Styrene	12.18	104	396	0.737	ug/L #	69
69) Naphthalene	15.37	128	24557	50.823	ug/L	99

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

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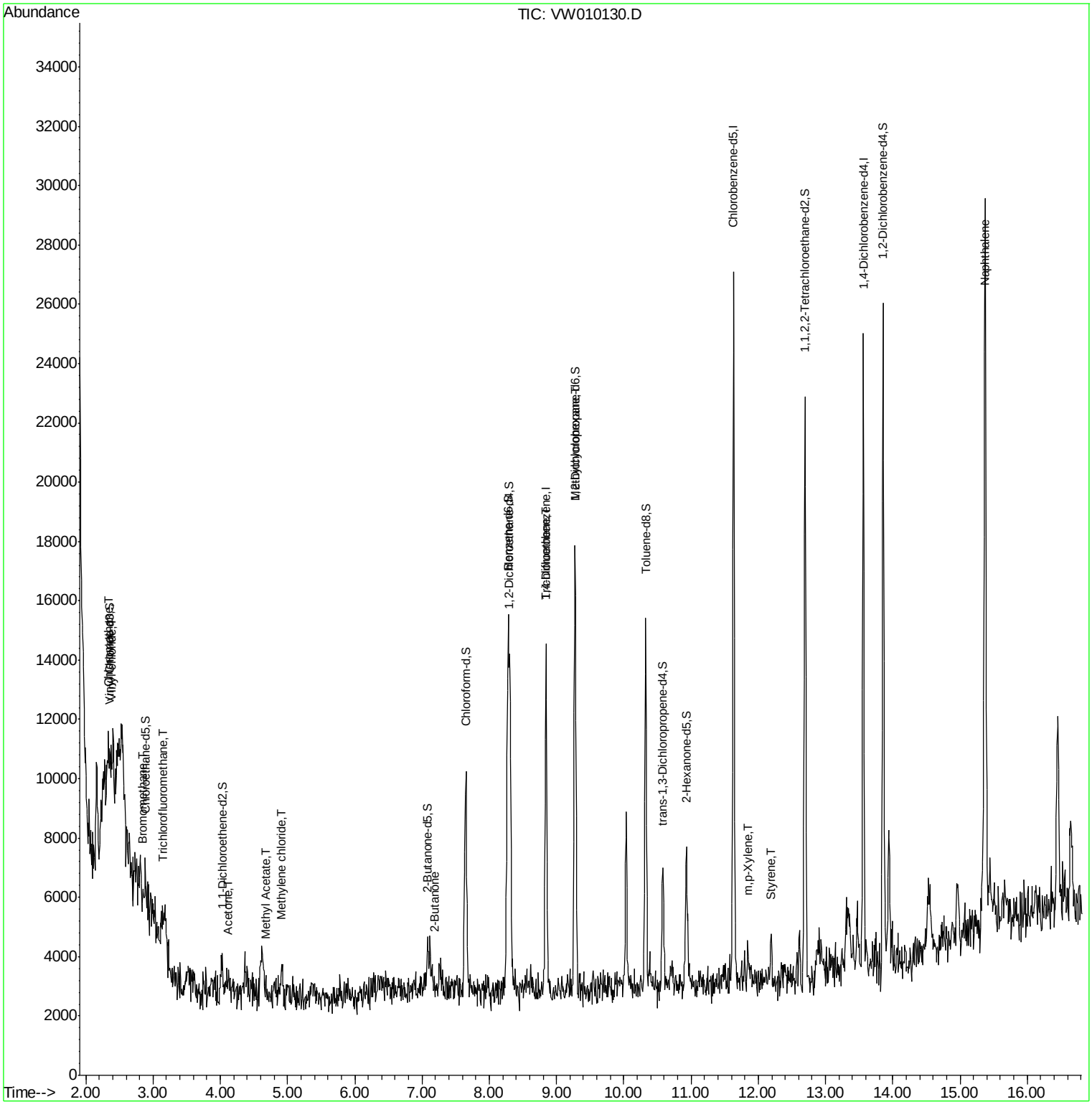
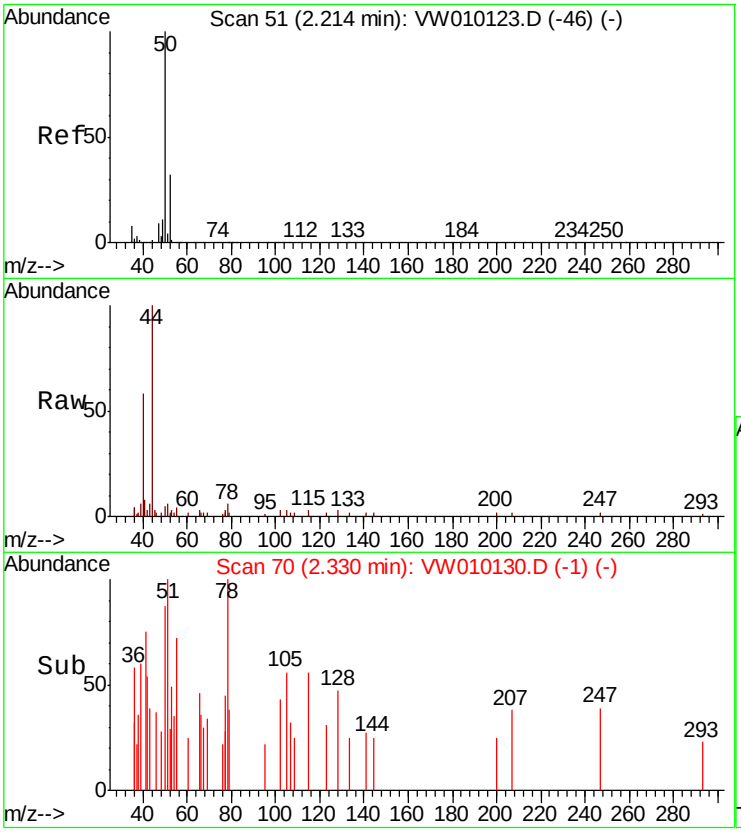
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX9

Quant Time: Apr 25 08:12:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 08:08:16 2019
Response via : Initial Calibration



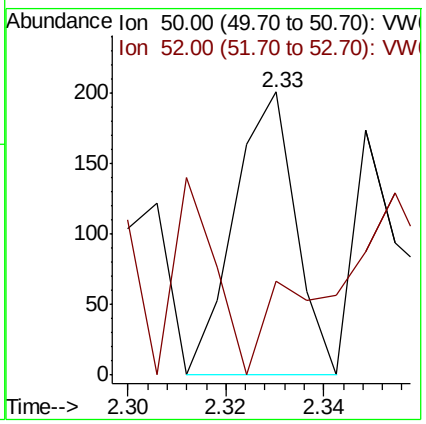


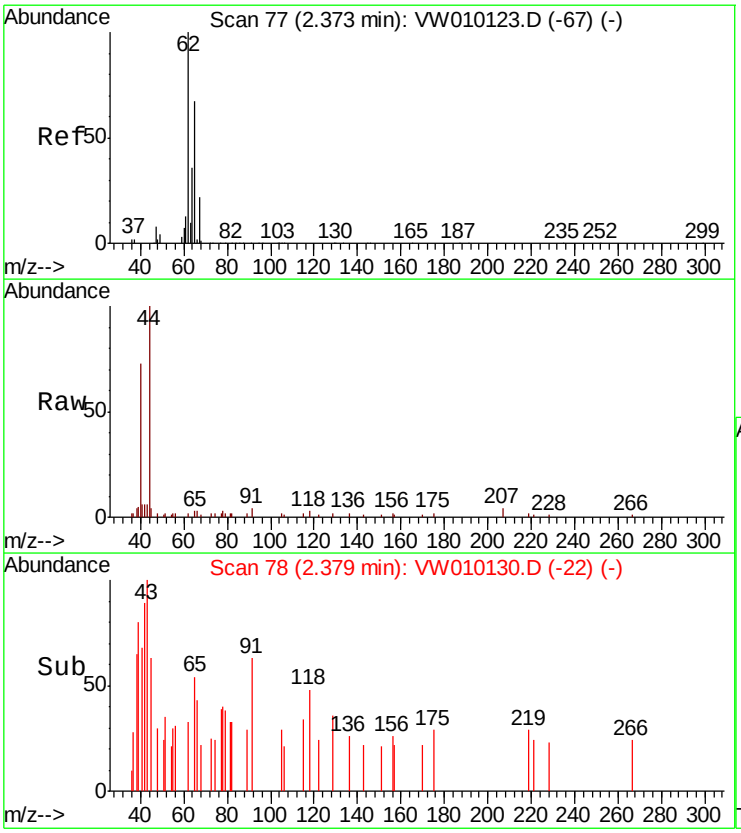
#3
Chloromethane
Concen: 1.911 ug/L
RT: 2.33 min Scan# 70
Delta R.T. 0.11 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument : MSVOA_W
ClientSampleId : GAHX9

Tgt Ion: 50 Resp: 174

Ion	Ratio	Lower	Upper
50	100		
52	33.3	21.5	39.9

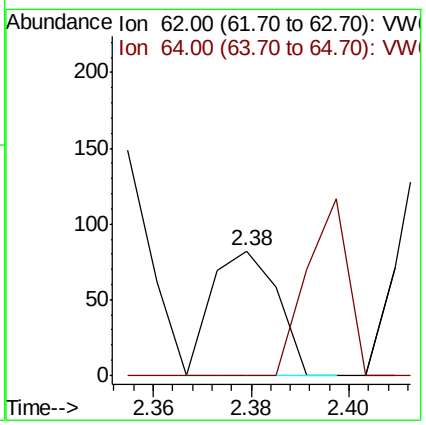


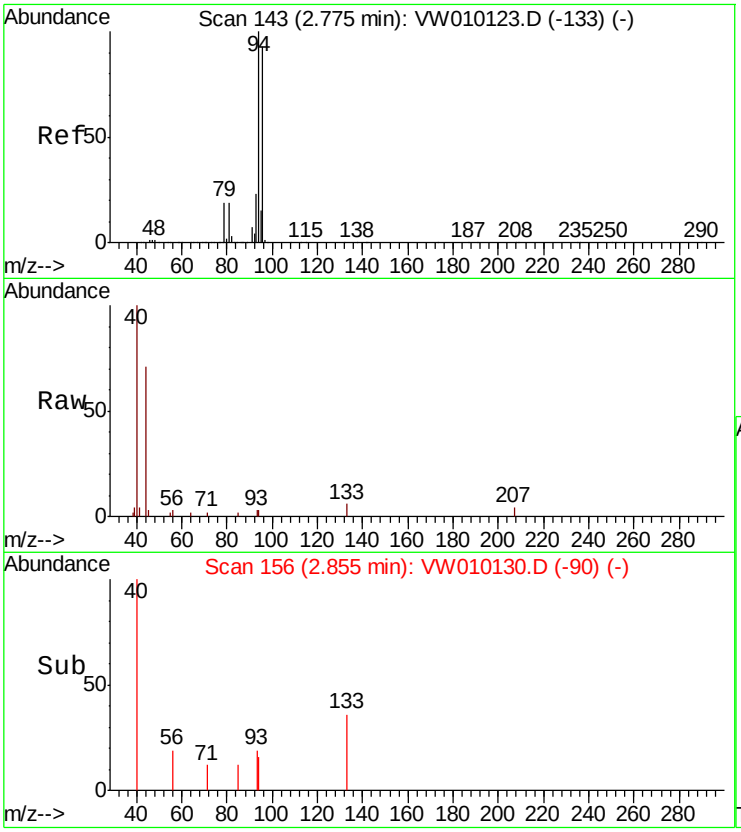


#5
Vinyl chloride
Concen: 0.739 ug/L
RT: 2.38 min Scan# 78
Delta R.T. 0.01 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion: 62 Resp: 76

Ion	Ratio	Lower	Upper
62	100		
64	0.0	23.7	43.9#



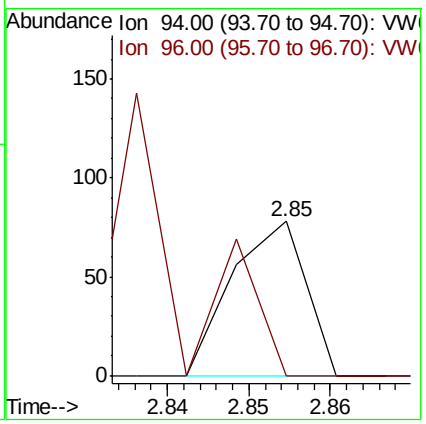


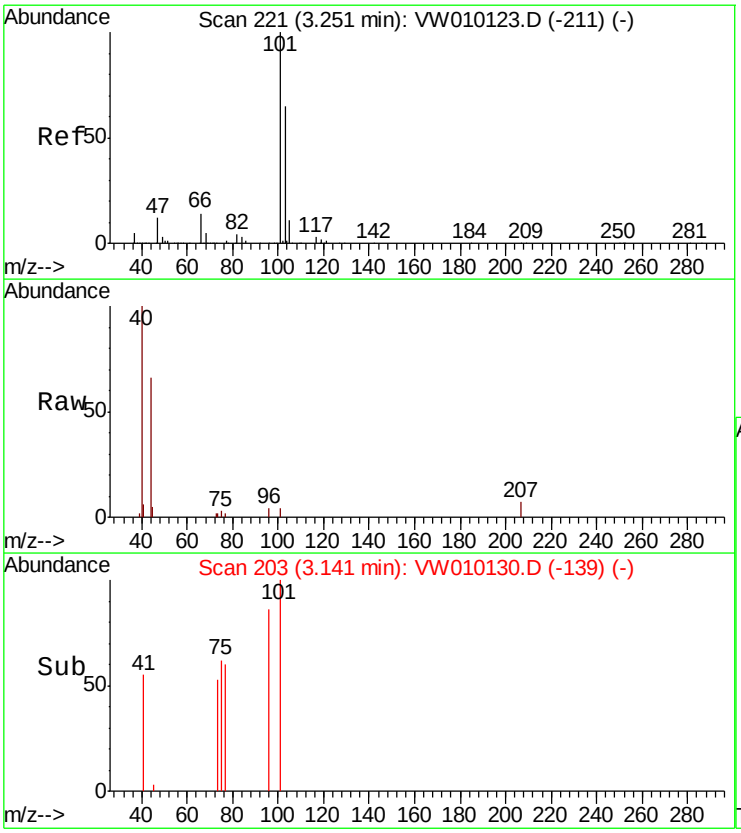
#6
Bromomethane
Concen: 0.781 ug/L
RT: 2.85 min Scan# 156
Delta R.T. 0.07 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument :
MSVOA_W
ClientSampleId :
GAHX9

Tgt Ion: 94 Resp: 49

Ion	Ratio	Lower	Upper
94	100		
96	51.0	9.5	180.3

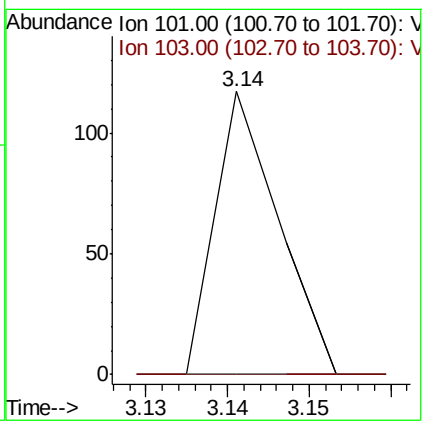


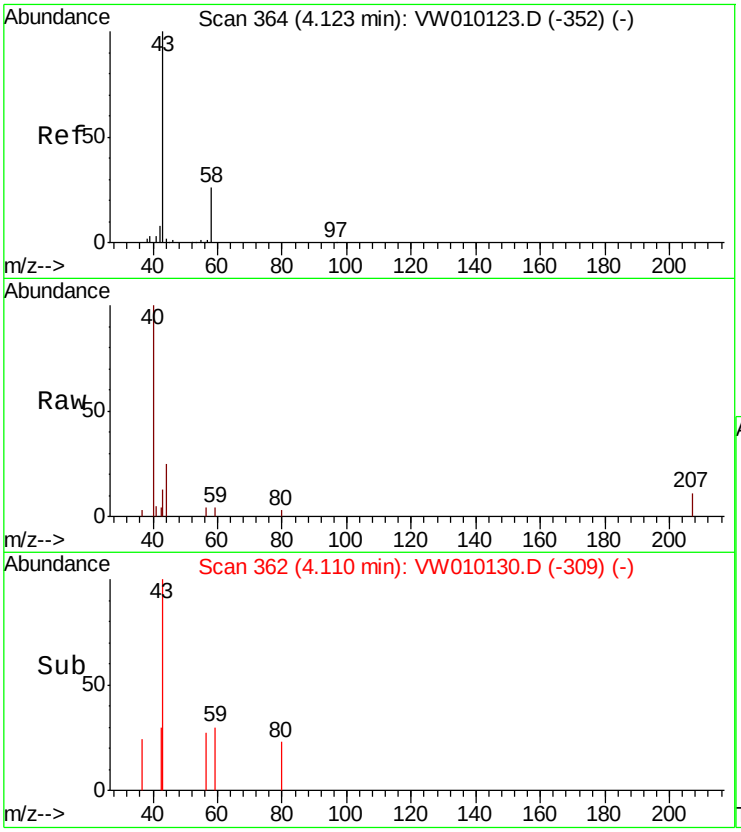


#9
Trichlorofluoromethane
Concen: 1.125 ug/L
RT: 3.14 min Scan# 203
Delta R.T. -0.11 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion:101 Resp: 63

Ion	Ratio	Lower	Upper
101	100		
103	0.0	44.8	83.2#



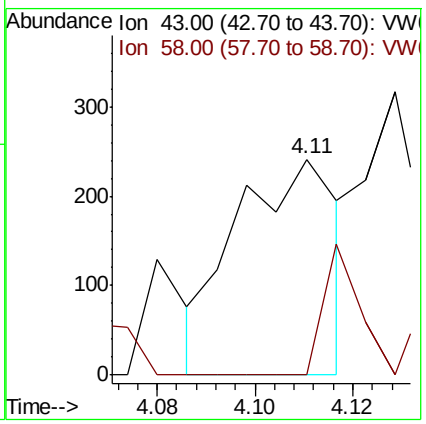


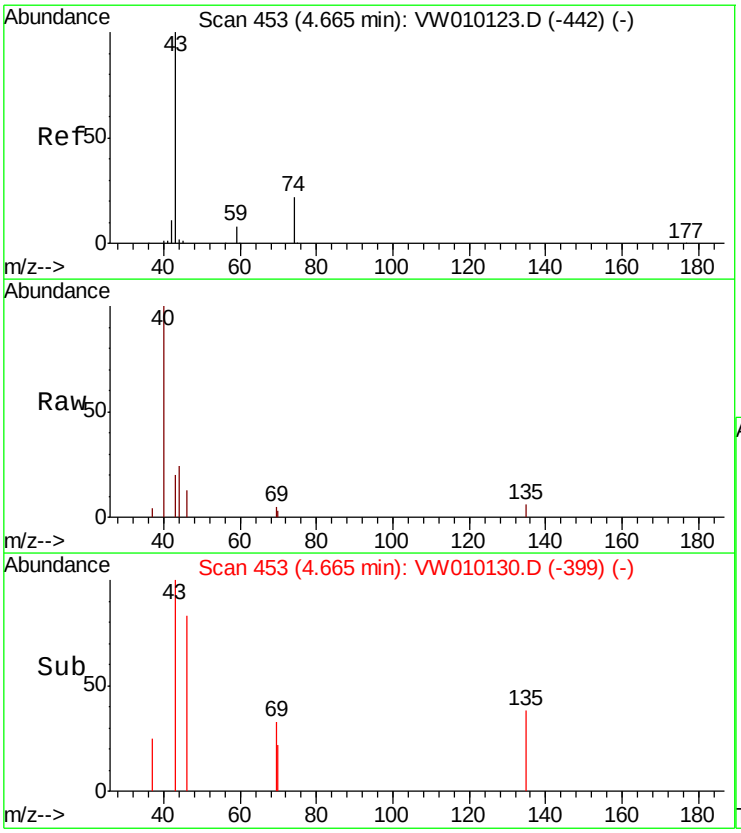
#13
Acetone
Concen: 11.775 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument :
MSVOA_W
ClientSampleId :
GAHX9

Tgt Ion: 43 Resp: 347

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.0	58.2

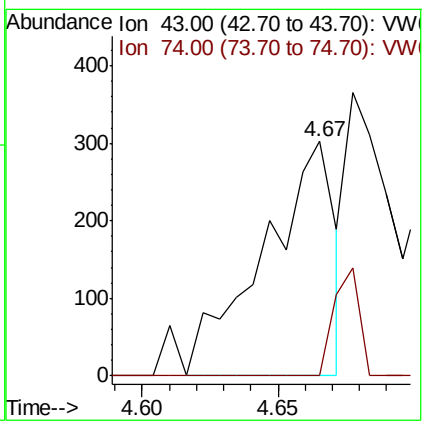


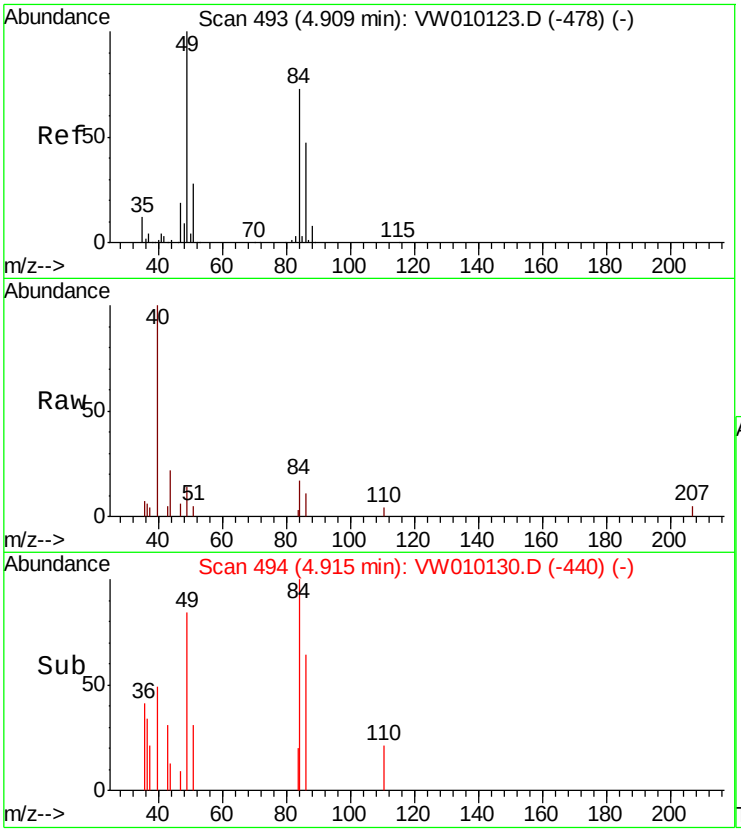


#15
Methyl Acetate
Concen: 7.803 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion: 43 Resp: 544

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#



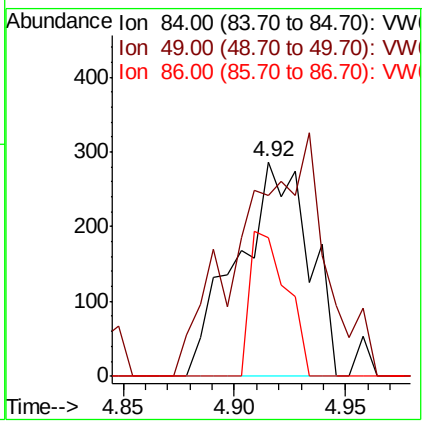


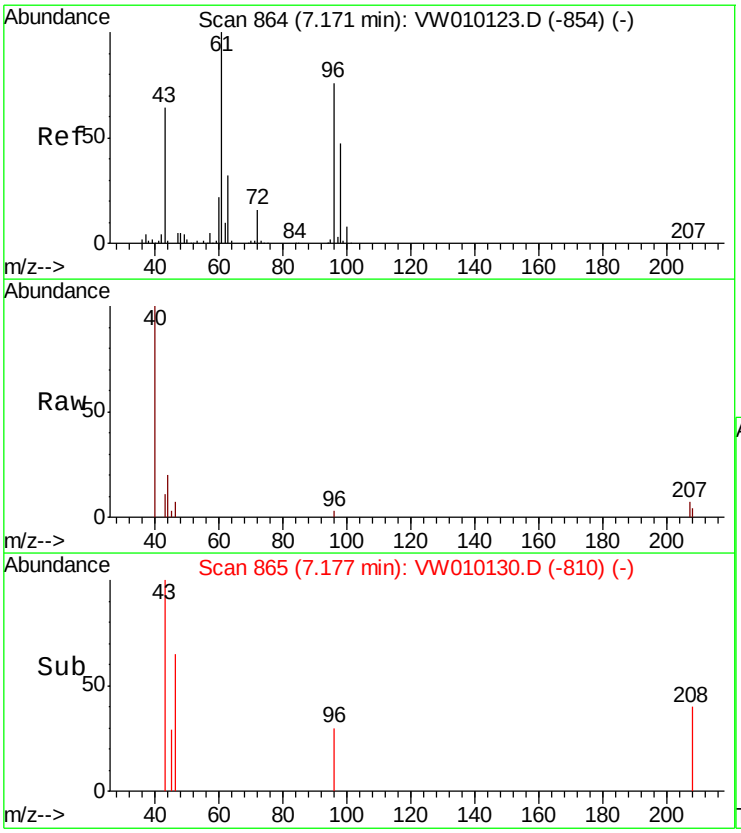
#16
Methylene chloride
Concen: 5.279 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument :
MSVOA_W
ClientSampleId :
GAHX9

Tgt Ion: 84 Resp: 640

Ion	Ratio	Lower	Upper
84	100		
49	84.3	93.5	173.7#
86	64.5	44.9	83.5

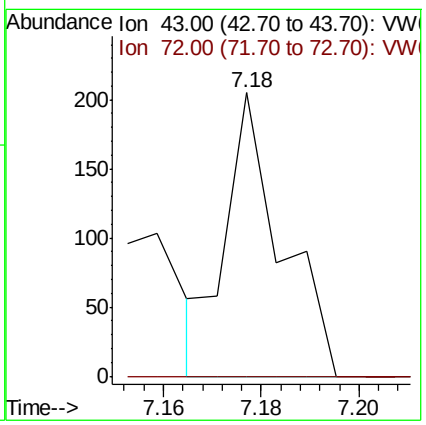


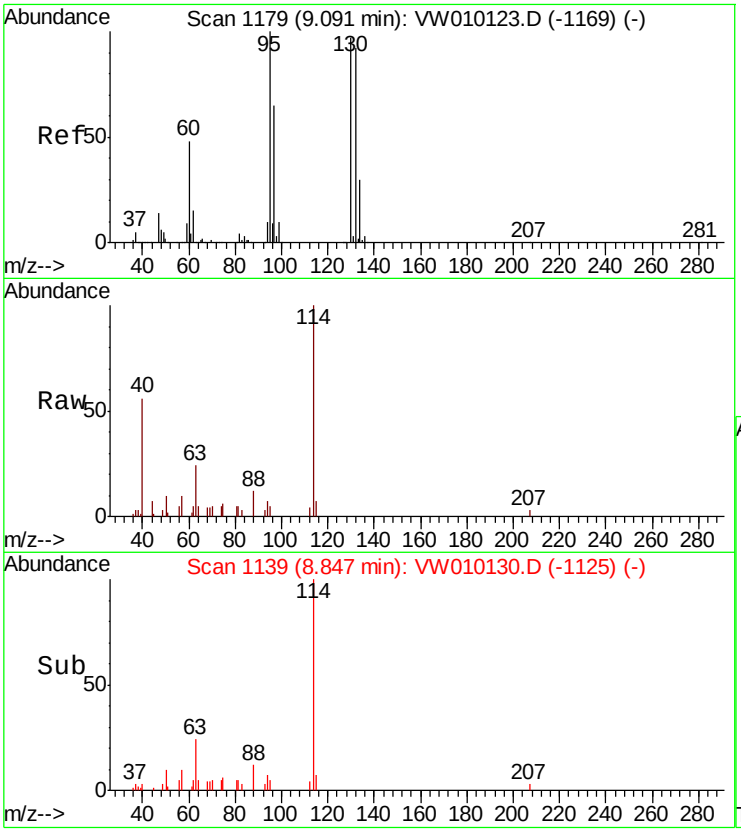


#21
2-Butanone
Concen: 3.480 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion: 43 Resp: 159

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	36.8#



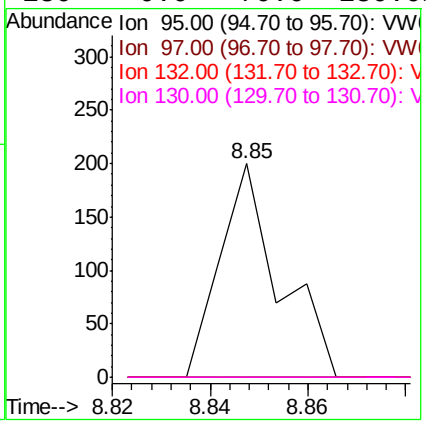


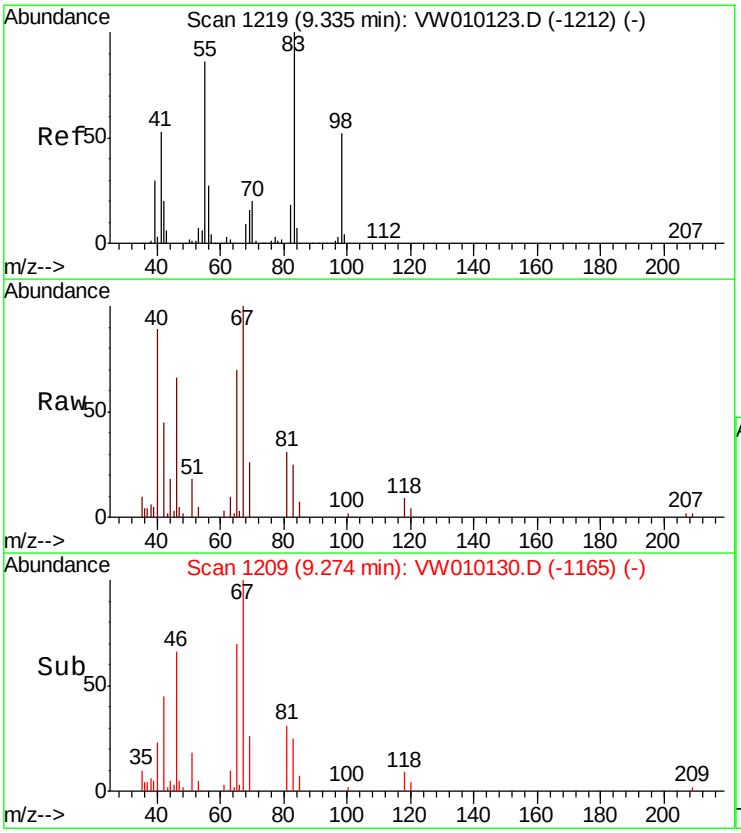
#35
Trichloroethene
Concen: 0.840 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument : MSVOA_W
ClientSampleId : GAHX9

Tgt Ion: 95 Resp: 168

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	67.2	124.8#
130	0.0	70.0	130.0#

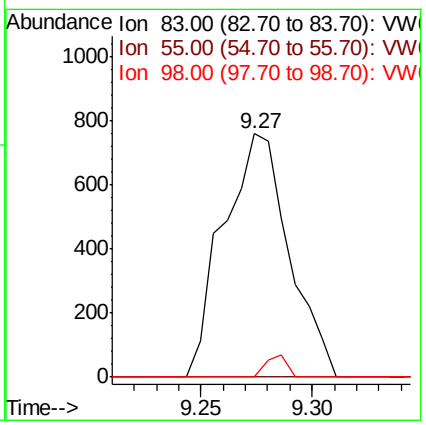


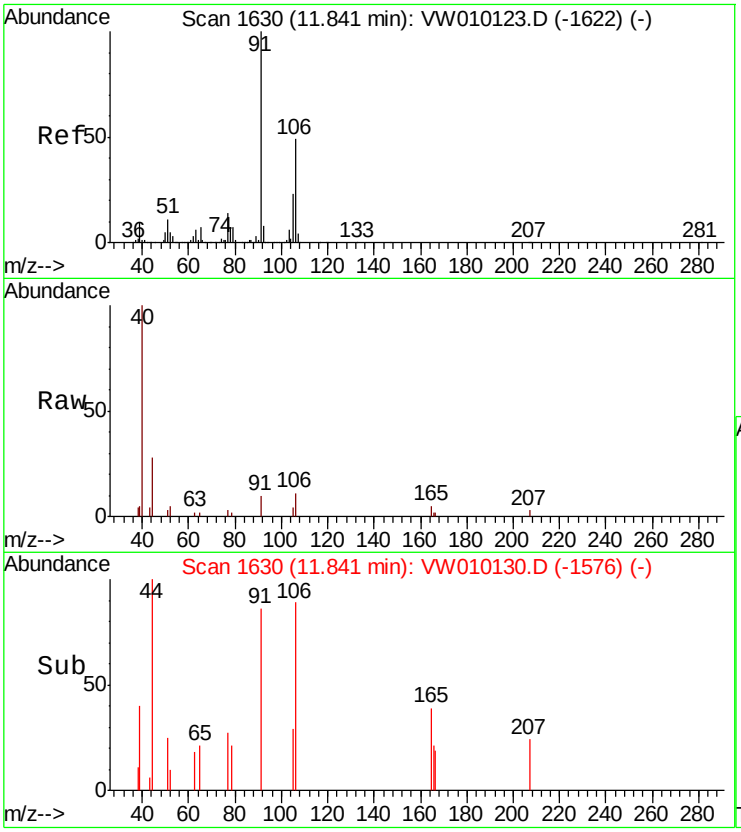


#36
Methylcyclohexane
Concen: 4.645 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion: 83 Resp: 1557

Ion	Ratio	Lower	Upper
83	100		
55	3.9	66.6	100.0#
98	2.9	39.1	58.7#



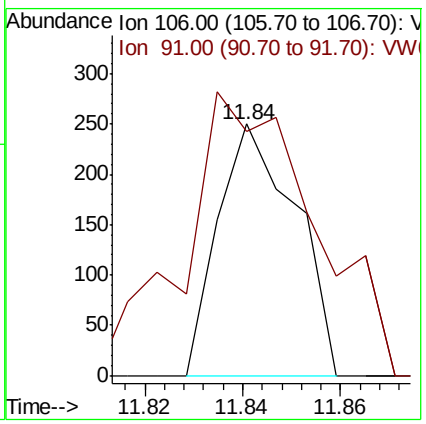


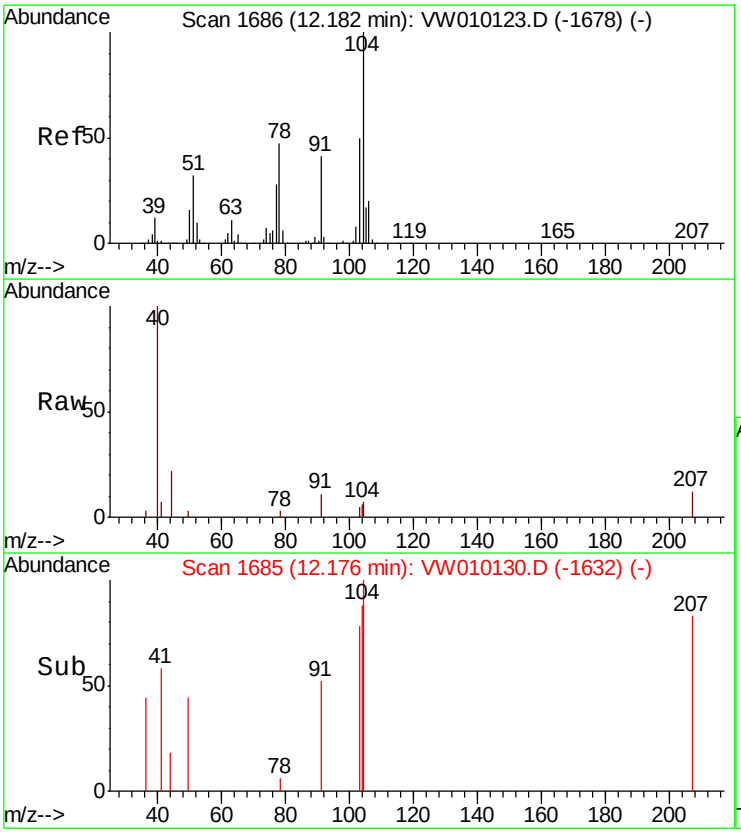
#54
m,p-Xylene
Concen: 0.825 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument : MSVOA_W
ClientSampleId : GAHX9

Tgt Ion:106 Resp: 275

Ion	Ratio	Lower	Upper
106	100		
91	97.2	143.4	266.4#

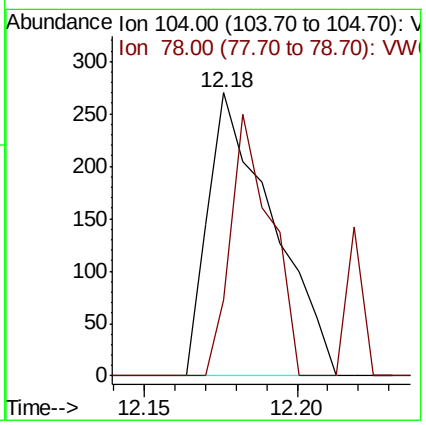


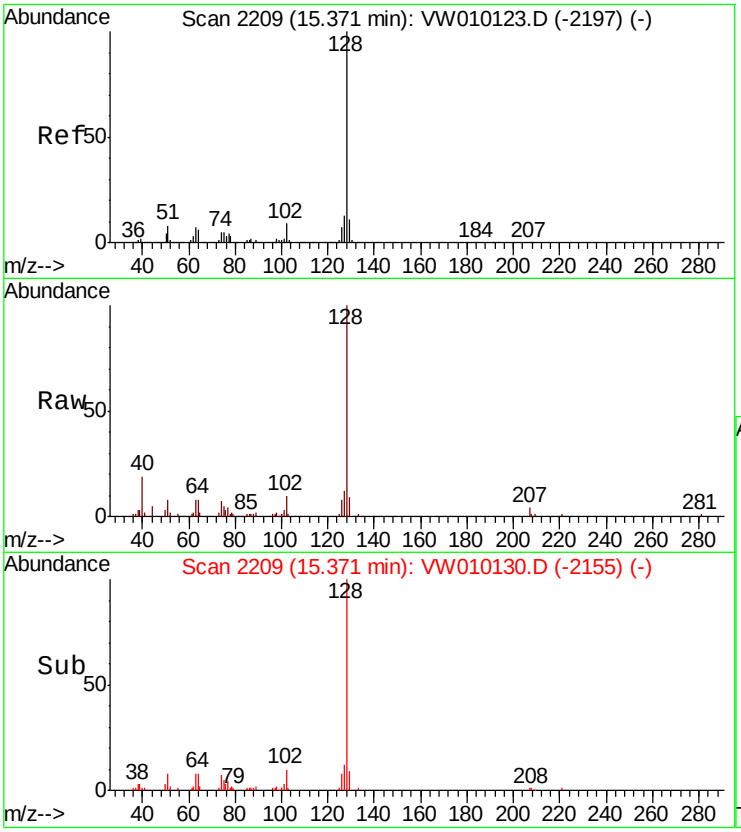


#56
Styrene
Concen: 0.737 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Tgt Ion:104 Resp: 396

Ion	Ratio	Lower	Upper
104	100		
78	27.0	33.4	62.0#





#69
Naphthalene
Concen: 50.823 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010130.D
Acq: 25 Apr 2019 06:40

Instrument :
MSVOA_W
ClientSampleId :
GAHX9

Tgt Ion:128 Resp: 24557

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	14.3	10.8	16.2