Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\

Quantitation Report (Not Reviewed)

Data File : VW006942.D
Acq On : 19 Nov 2018 13:24
Operator : SY/AP
Sample : J5979-04MSD
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETO65MSD

Quant Time: Nov 20 06:21:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	170045	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	145384	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51928	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	35458	23.49	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.96%				
7) Chloroethane-d5	2.89	69	26840	24.47	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.88%				
10) 1,1-Dichloroethene-d2	4.03	63	95955	23.79	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.16%				
20) 2-Butanone-d5	7.09	46	26519	31.87	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.74%				
24) Chloroform-d	7.65	84	93673	24.88	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.52%				
26) 1,2-Dichloroethane-d4	8.31	65	56999	26.83	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.32%				
29) Benzene-d6	8.28	84	194446	25.59	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.36%				
33) 1,2-Dichloropropane-d6	9.28	67	59948	25.77	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.08%				
37) Toluene-d8	10.33	98	193266	24.83	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.32%				
38) trans-1,3-Dichloropropene-	10.58	79	22736	22.75	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.00%				
39) 2-Hexanone-d5	10.93	63	20977	36.19	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.38%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42814	21.26	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.04%				
61) 1,2-Dichlorobenzene-d4	13.86	152	46291	23.54	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.16%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	4.04	96	47256	24.326	ug/L		95
13) Acetone	4.16	43	11855	22.118	ug/L		91
19) 1,1-Dichloroethane	6.23	63	1550	0.428	ug/L	#	85
21) 2-Butanone	7.18	43	4038	4.366	ug/L		87
25) Chloroform	7.68	83	3376	0.806	ug/L		90
34) Benzene	8.33	78	217523	26.754	ug/L		100
35) Trichloroethene	9.09	95	56350	25.446	ug/L		98
36) Methylcyclohexane	9.27	83	14813	3.480	ug/L	#	20
40) 1,2-Dichloropropane	9.28	63	6638	3.314	ug/L	#	88
42) cis-1,3-Dichloropropene	10.04	75	1611	0.533	ug/L	#	44
44) Toluene	10.39	91	245902	26.414	ug/L		98
49) 2-Hexanone	10.93	43	3977	3.422	ug/L	#	63
52) Chlorobenzene	11.66	112	144512	24.680	ug/L		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\

Quantitation Report (Not Reviewed)

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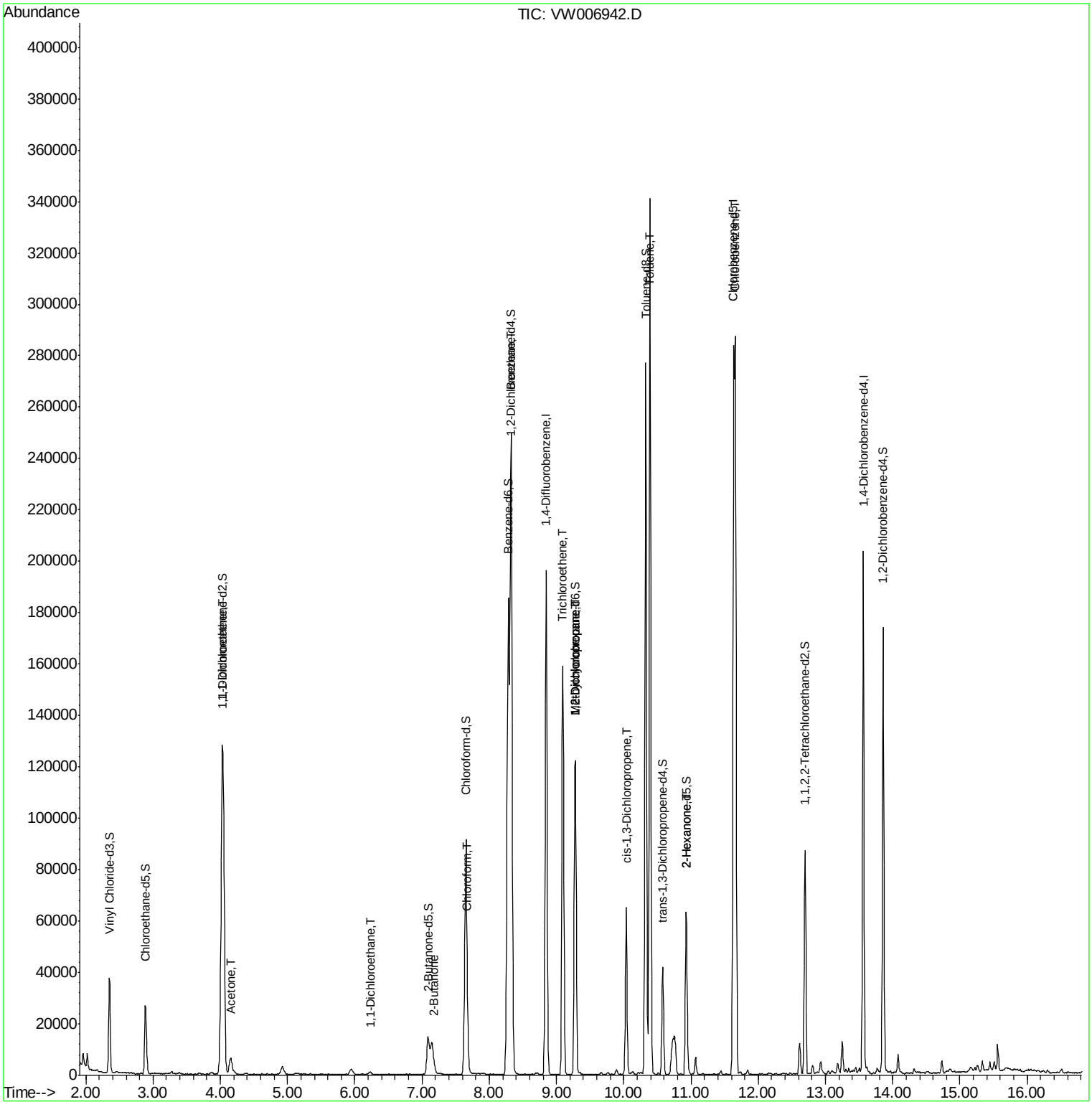
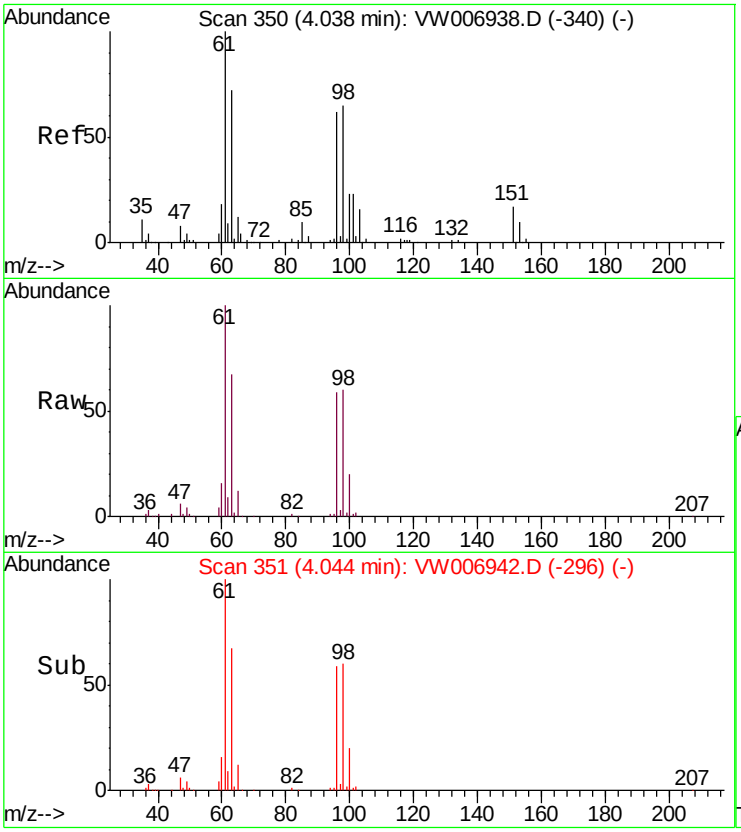
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETO65MSD

Quant Time: Nov 20 06:21:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration



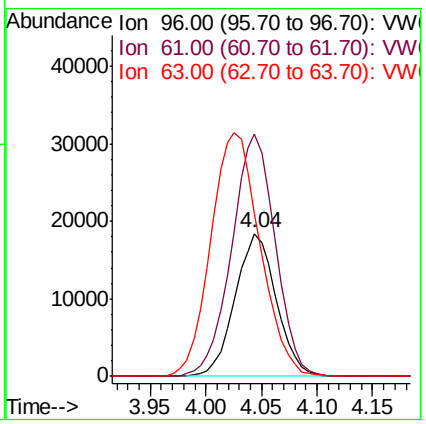


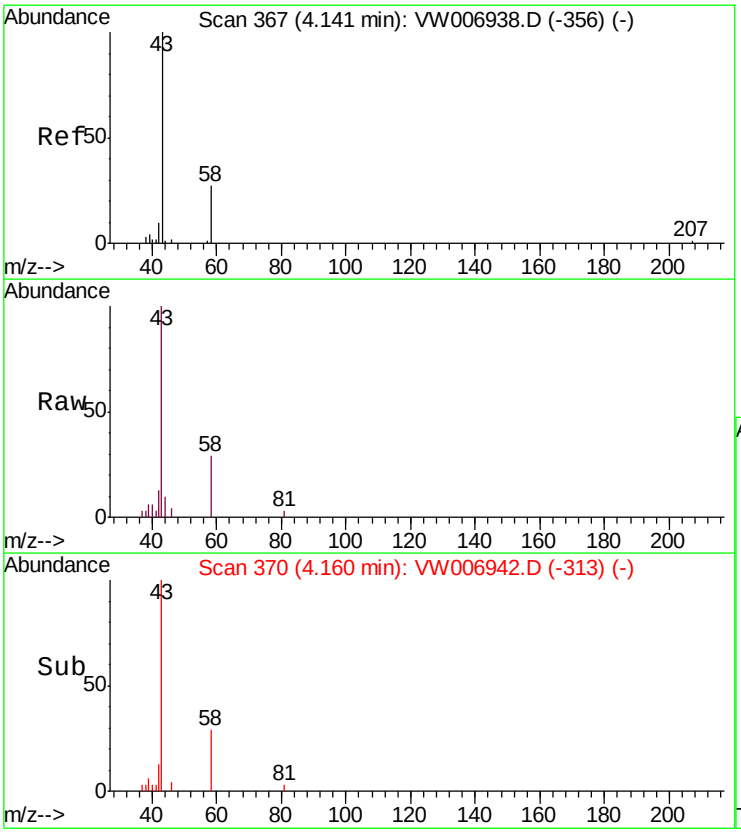
#12
1,1-Dichloroethene
Concen: 24.326 ug/L
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument : MSVOA_W
ClientSampleId : ETO65MSD

Tgt Ion: 96 Resp: 47256

Ion	Ratio	Lower	Upper
96	100		
61	169.6	116.3	215.9
63	114.2	73.4	136.4

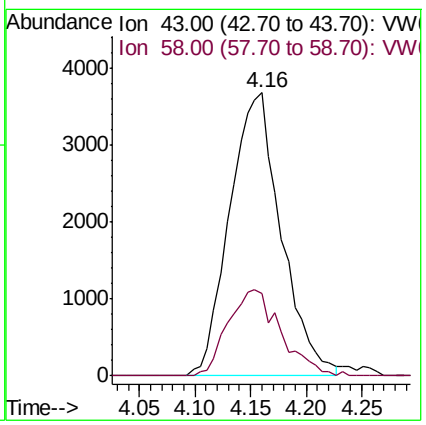


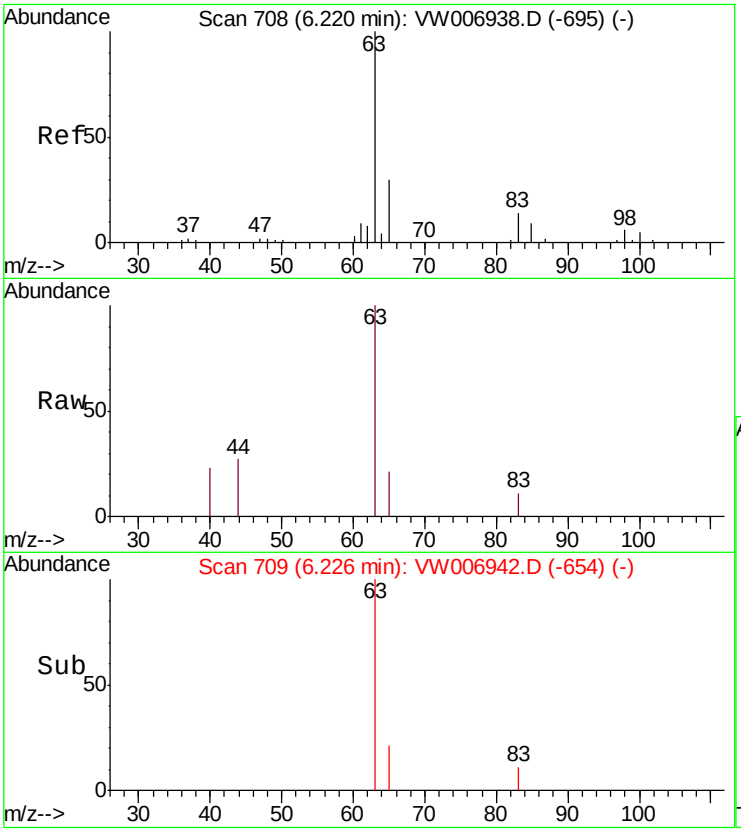


#13
Acetone
Concen: 22.118 ug/L
RT: 4.16 min Scan# 370
Delta R.T. 0.02 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 43 Resp: 11855

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	65.6



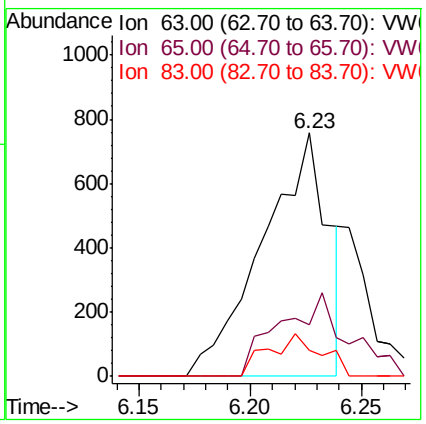


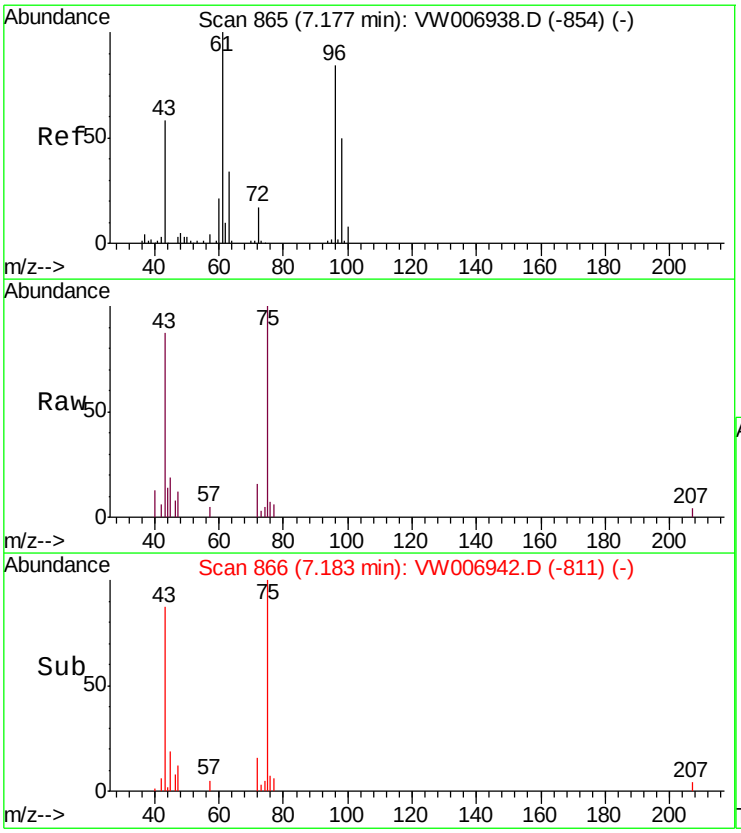
#19
1,1-Dichloroethane
Concen: 0.428 ug/L
RT: 6.23 min Scan# 709
Delta R.T. 0.01 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument : MSVOA_W
ClientSampleId : ETO65MSD

Tgt Ion: 63 Resp: 1550

Ion	Ratio	Lower	Upper
63	100		
65	21.1	22.0	41.0#
83	10.6	9.5	17.7

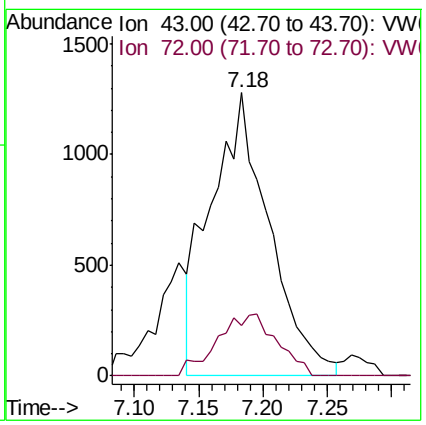


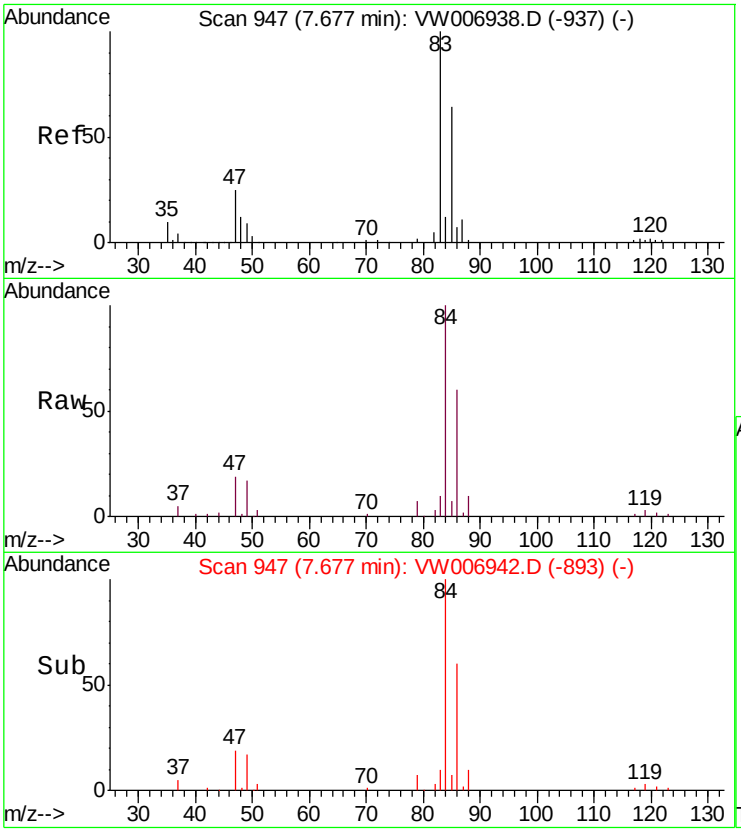


#21
2-Butanone
Concen: 4.366 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 43 Resp: 4038

Ion	Ratio	Lower	Upper
43	100		
72	20.5	13.5	40.5



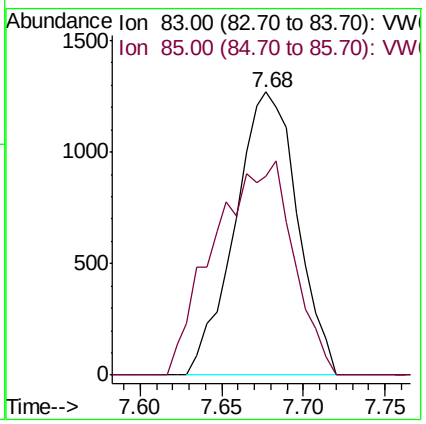


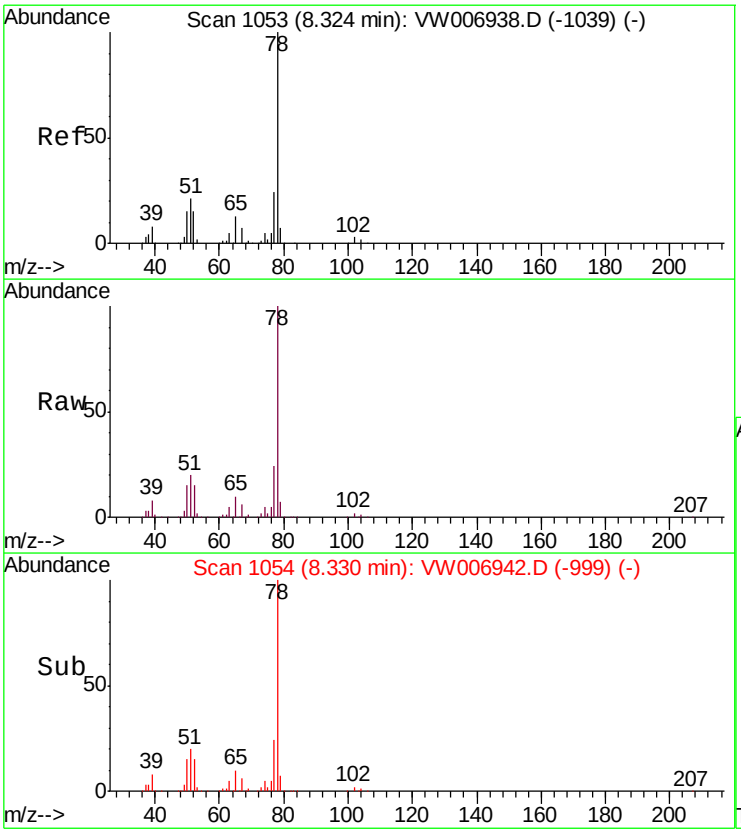
#25
Chloroform
Concen: 0.806 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Tgt Ion: 83 Resp: 3376

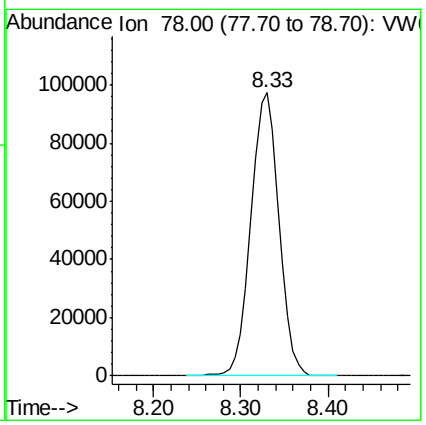
Ion	Ratio	Lower	Upper
83	100		
85	56.8	45.4	84.2

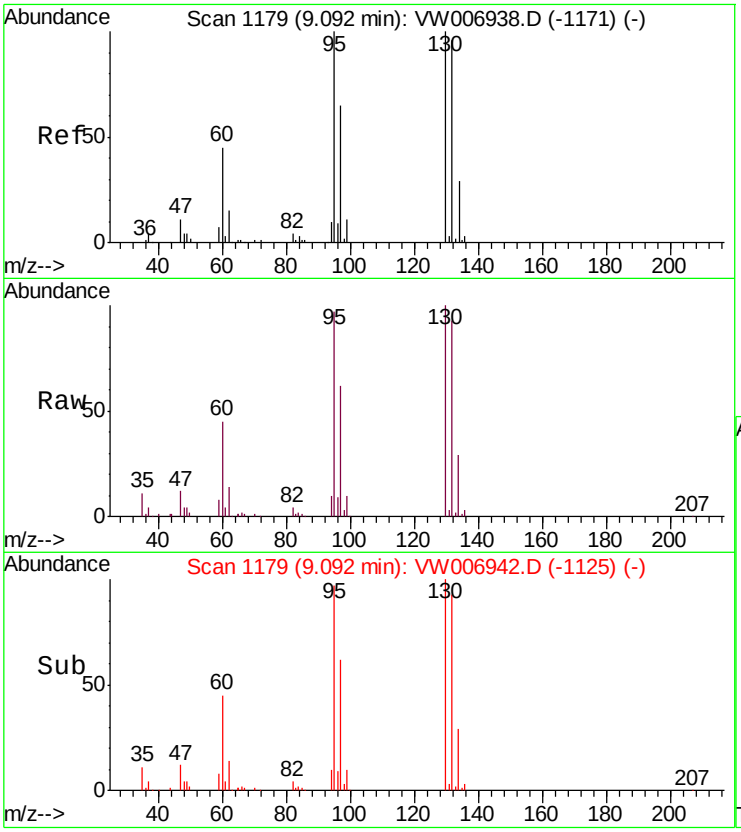




#34
Benzene
Concen: 26.754 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 78 Resp: 217523



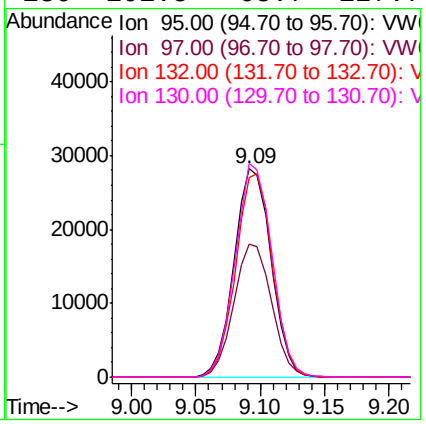


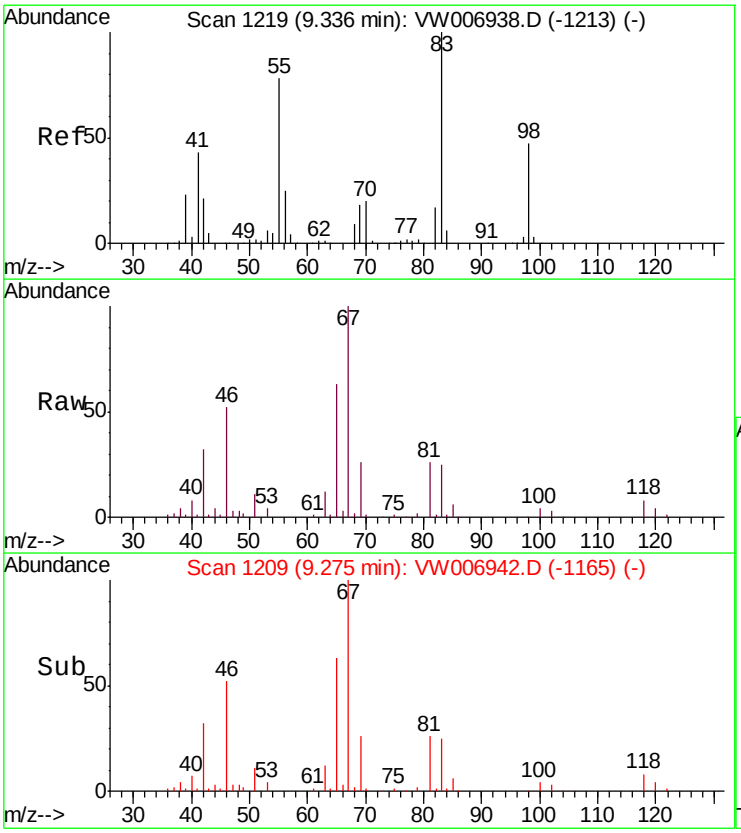
#35
Trichloroethene
Concen: 25.446 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Tgt Ion: 95 Resp: 56350

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	96.4	65.7	121.9
130	101.5	68.7	127.7

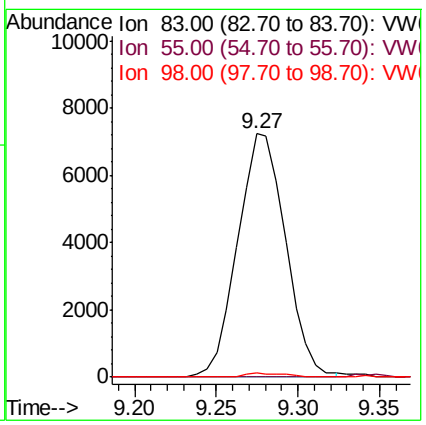


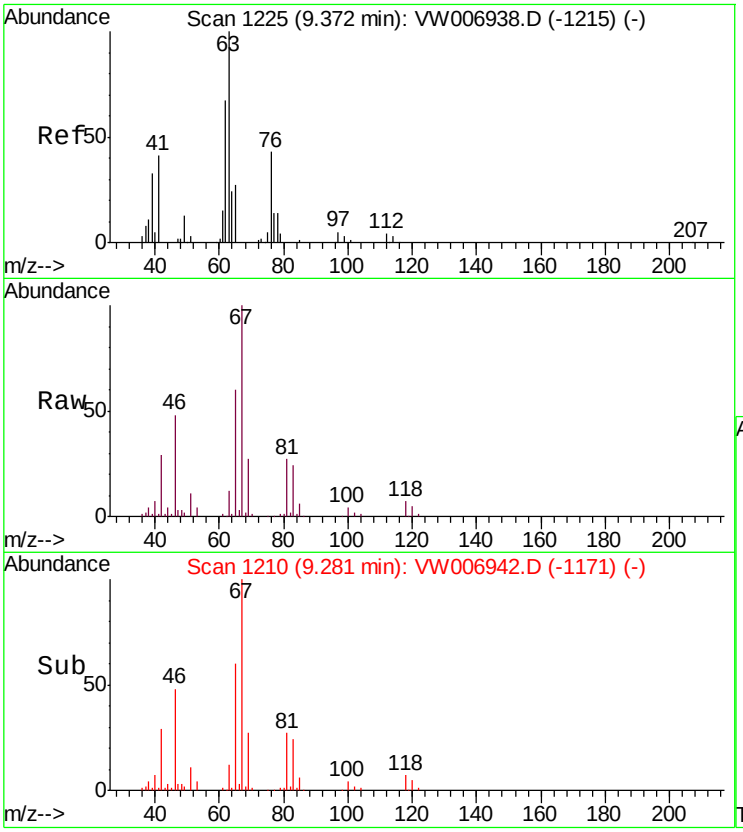


#36
Methylcyclohexane
Concen: 3.480 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 83 Resp: 14813

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.2	90.2#
98	0.8	36.5	54.7#



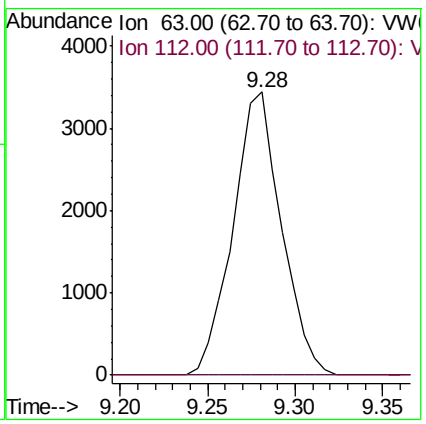


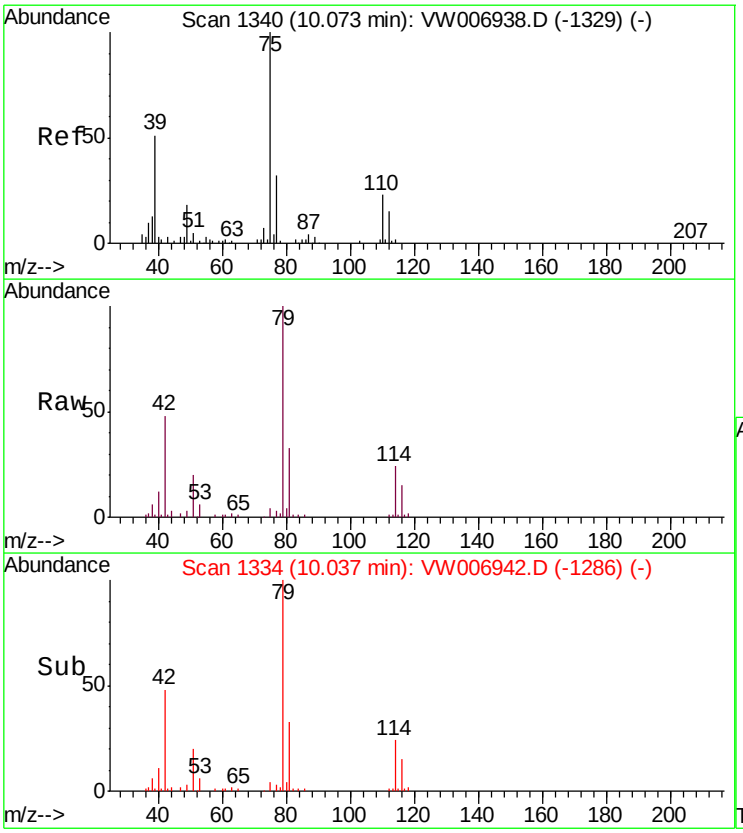
#40
1,2-Dichloropropane
Concen: 3.314 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Tgt Ion: 63 Resp: 6638

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

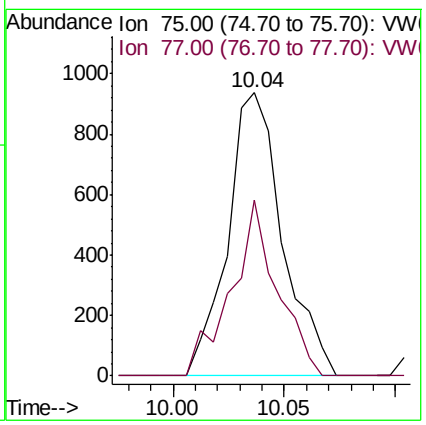


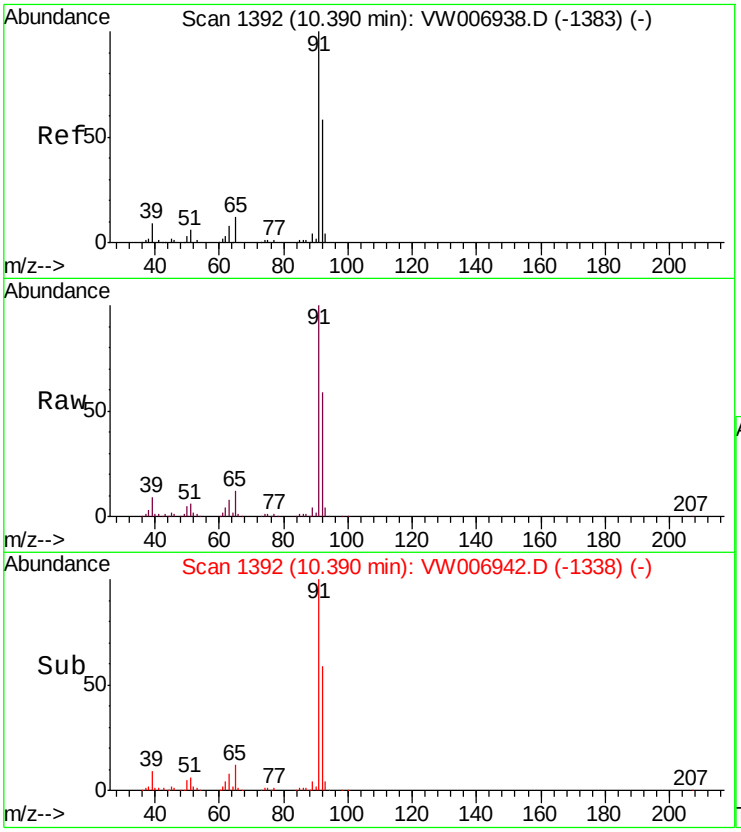


#42
cis-1,3-Dichloropropene
Concen: 0.533 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 75 Resp: 1611

Ion	Ratio	Lower	Upper
75	100		
77	62.1	21.9	40.7#



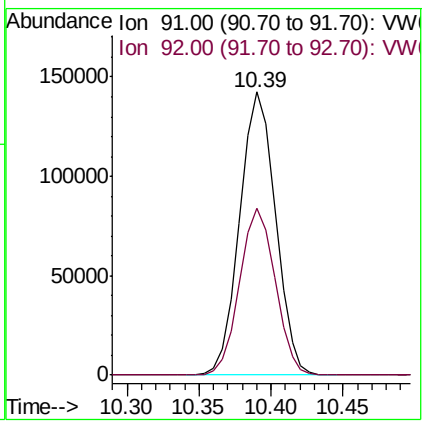


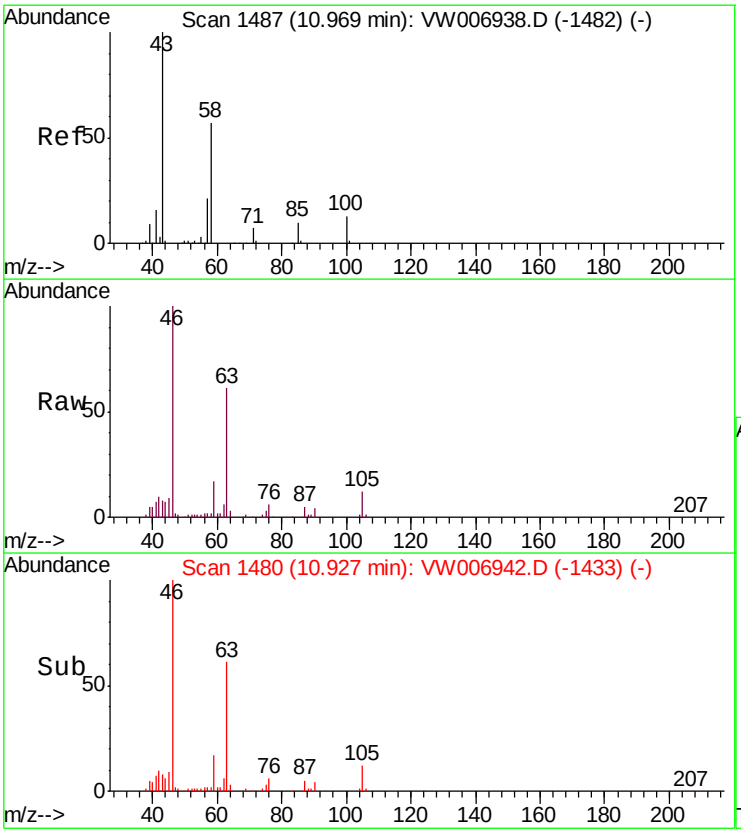
#44
Toluene
Concen: 26.414 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument : MSVOA_W
ClientSampleId : ETO65MSD

Tgt Ion: 91 Resp: 245902

Ion	Ratio	Lower	Upper
91	100		
92	59.1	40.5	75.3

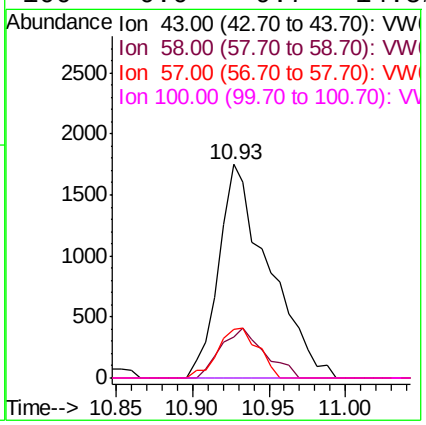


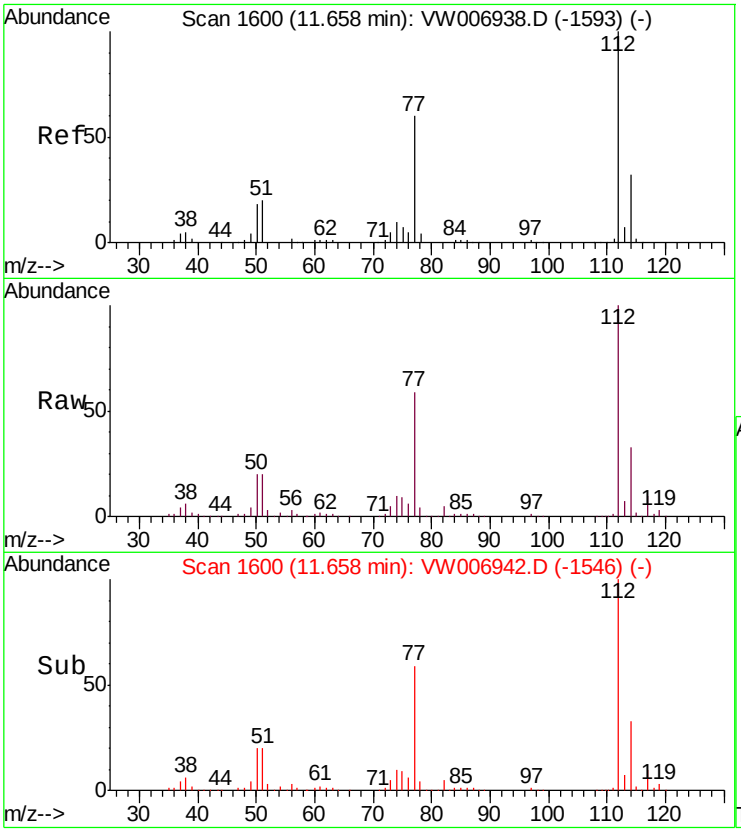


#49
2-Hexanone
Concen: 3.422 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Tgt Ion: 43 Resp: 3977

Ion	Ratio	Lower	Upper
43	100		
58	19.2	44.6	67.0#
57	18.7	16.0	24.0
100	0.0	9.7	14.5#





#52
Chlorobenzene
Concen: 24.680 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006942.D
Acq: 19 Nov 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Tgt Ion:112 Resp: 144512

Ion	Ratio	Lower	Upper
112	100		
77	59.2	47.8	71.8
114	33.0	22.3	41.5