Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM

Quant Time: Nov 27 08:17:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	52610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	15755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	1579	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	42681	50.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 203.40%#			
7) Chloroethane-d5	2.89	69	45731	67.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 268.80%#			
10) 1,1-Dichloroethene-d2	4.01	63	46601	27.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.20%			
20) 2-Butanone-d5	7.07	46	54291m	222.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 445.28%#			
24) Chloroform-d	7.65	84	101980	63.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 252.16%#			
26) 1,2-Dichloroethane-d4	8.30	65	32938	40.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 162.00%#			
29) Benzene-d6	8.27	84	145729	130.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 521.48%#			
33) 1,2-Dichloropropane-d6	9.27	67	49109	149.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 599.88%#			
37) Toluene-d8	10.32	98	41180	38.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 155.40%#			
38) trans-1,3-Dichloropropene-	10.58	79	2712	19.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.36%			
39) 2-Hexanone-d5	10.92	63	7715	124.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 248.48%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20741	83.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 335.52%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	2822	44.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 177.92%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	9889	39.853	ug/L	80
16) Methylene chloride	4.92	84	2869m	2.833	ug/L	
19) 1,1-Dichloroethane	6.21	63	1691	1.084	ug/L #	95
30) Cyclohexane	7.96	56	3691m	7.321	ug/L	
31) 1,1,1-Trichloroethane	7.87	97	52597	133.213	ug/L	98
36) Methylcyclohexane	9.33	83	9767	17.671	ug/L	89
43) 4-Methyl-2-pentanone	10.22	43	879m	4.786	ug/L	

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

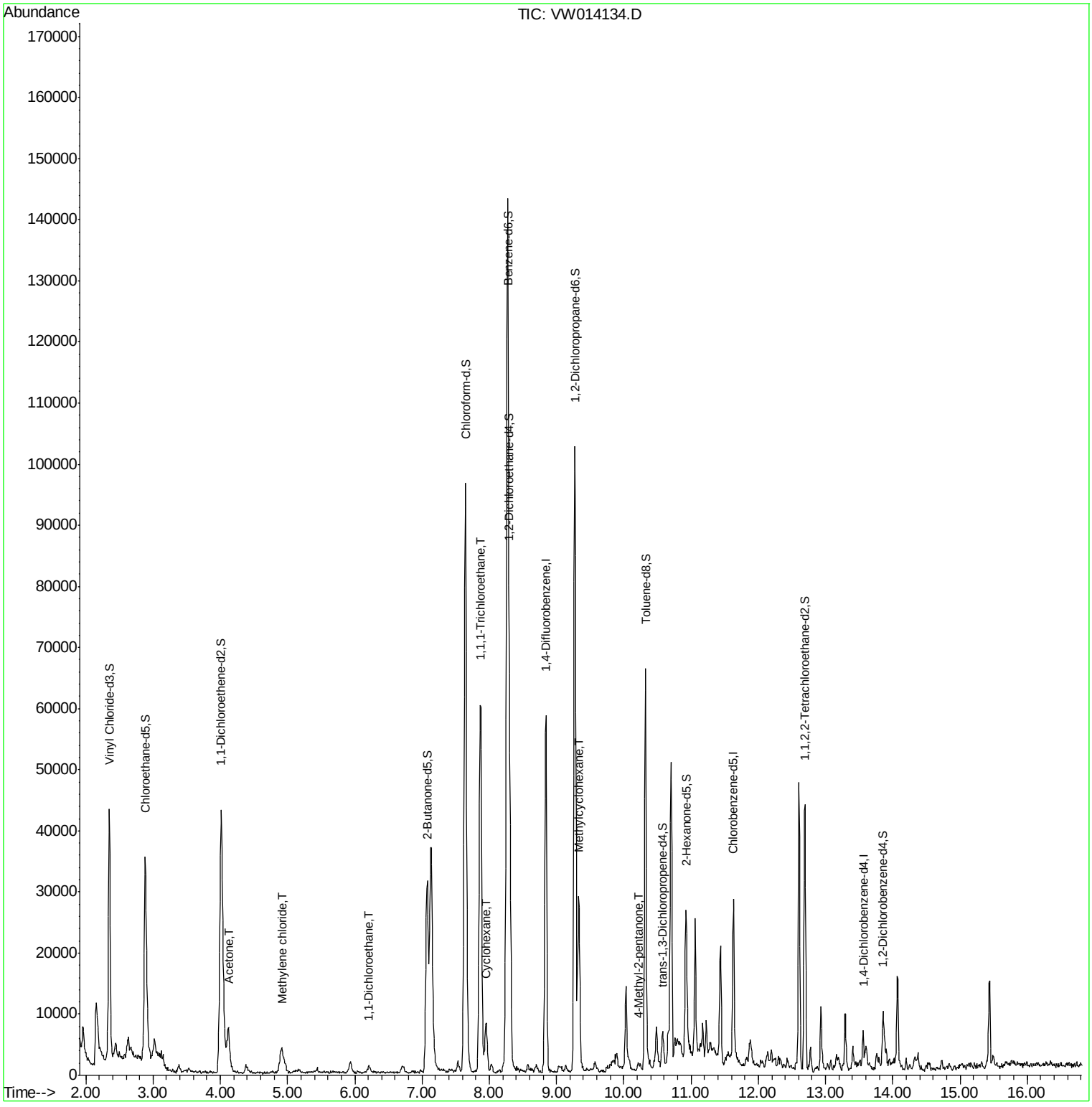
Quantitation Report (LSC Reviewed)

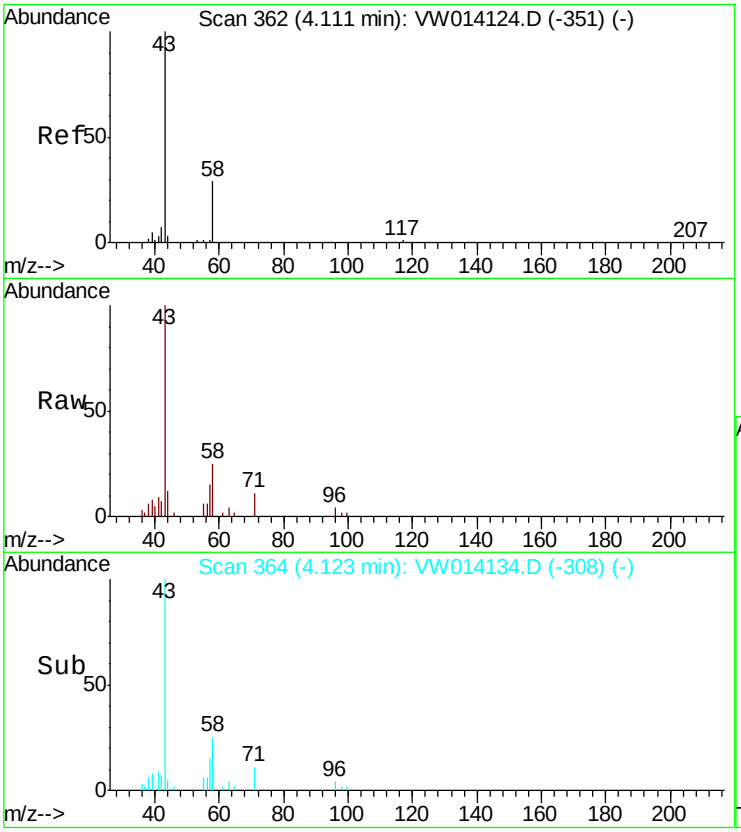
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\
Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 08:17:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM

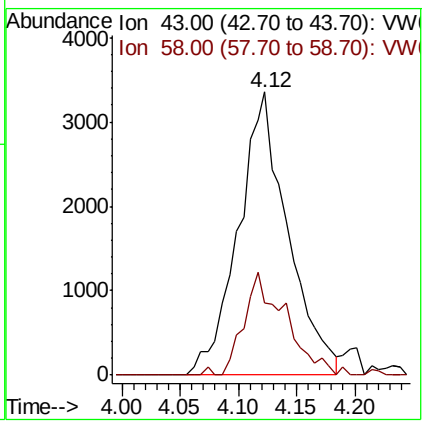




#13
Acetone
Concen: 39.853 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

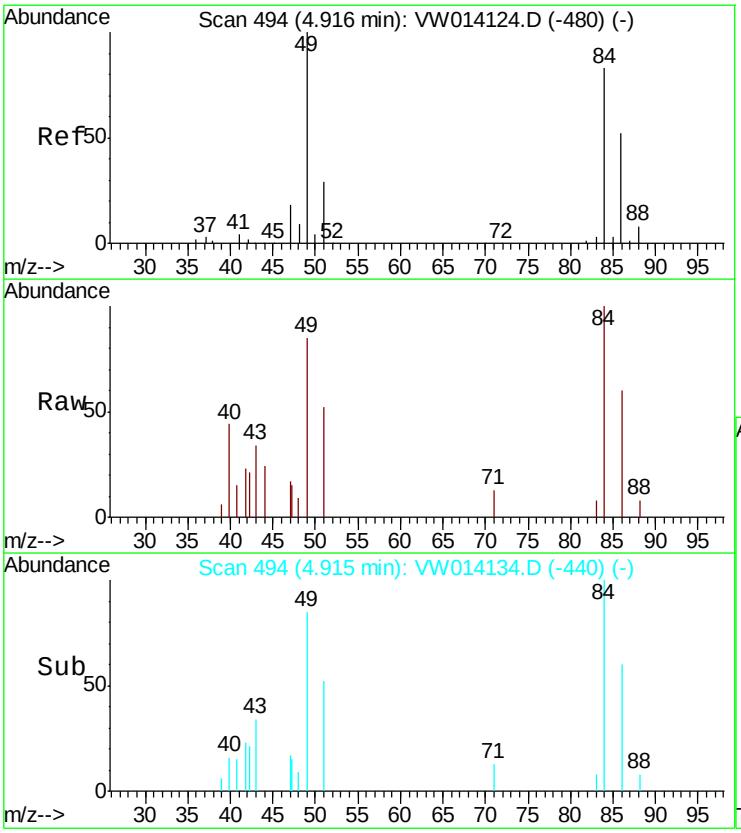
Tgt Ion: 43 Resp: 9889

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.0	65.4



Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

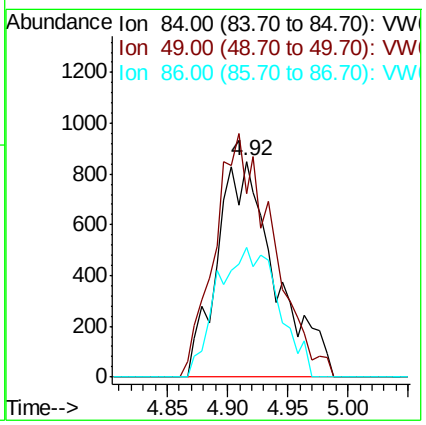
Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM

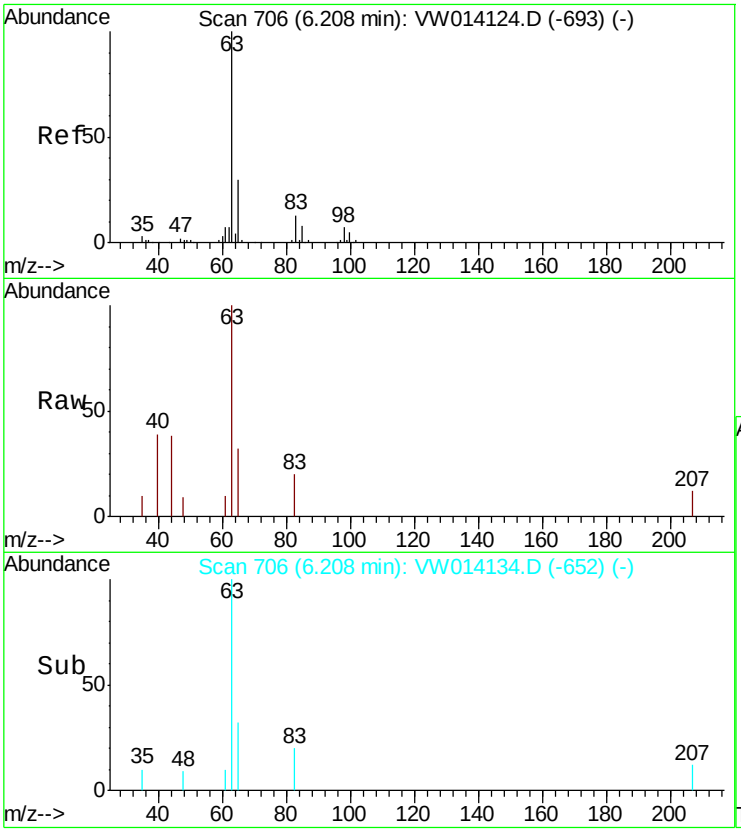


#16
Methylene chloride
Concen: 2.833 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 84 Resp: 2869

Ion	Ratio	Lower	Upper
84	100		
49	84.9	84.2	156.4
86	60.1	43.7	81.1

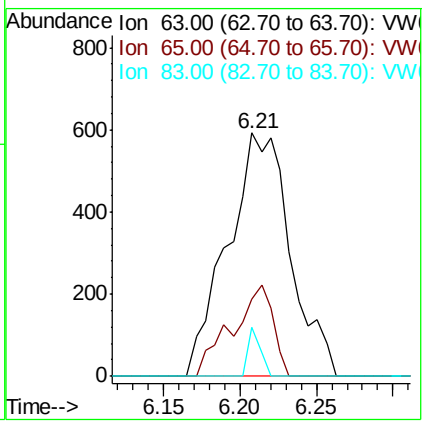




#19
1,1-Dichloroethane
Concen: 1.084 ug/L
RT: 6.21 min Scan# 706
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

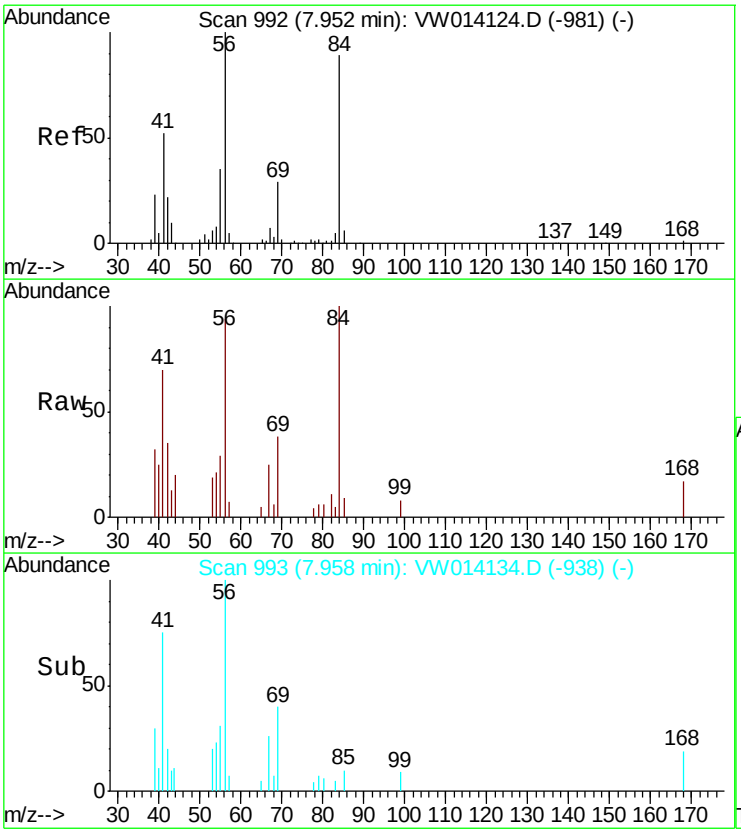
Tgt Ion: 63 Resp: 1691

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	20.1	9.0	16.6#



Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

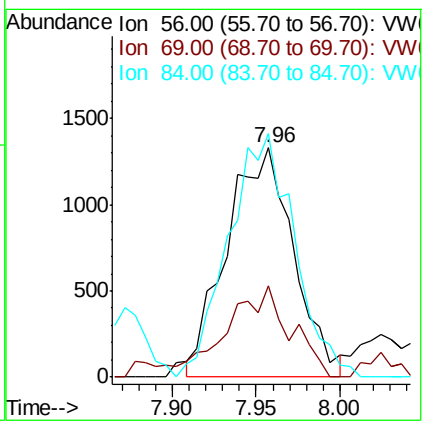
Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM

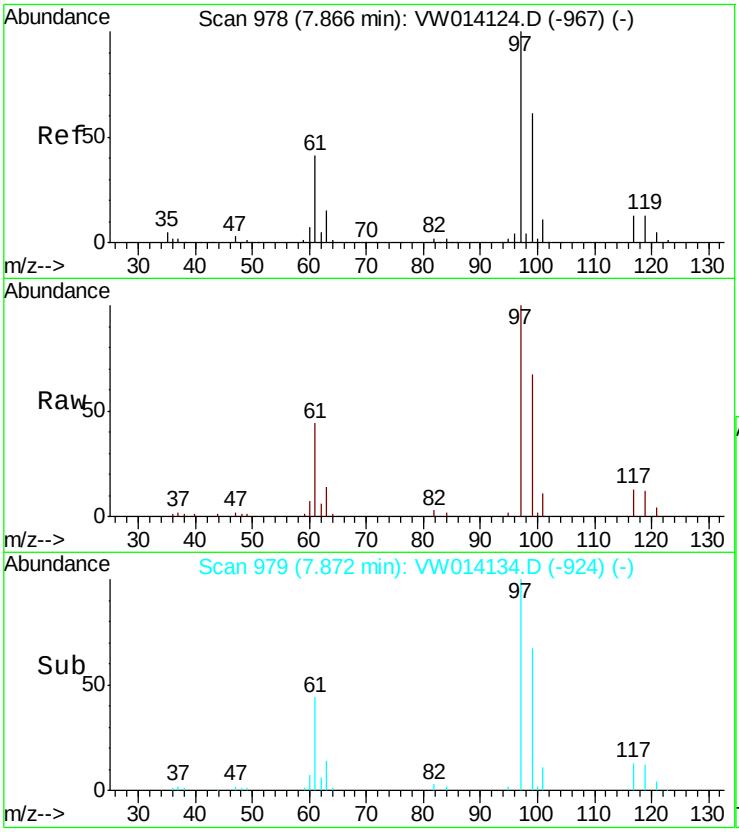


#30
Cyclohexane
Concen: 7.321 ug/L m
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 56 Resp: 3691

Ion	Ratio	Lower	Upper
56	100		
69	5.0	24.6	37.0#
84	103.9	70.2	105.2

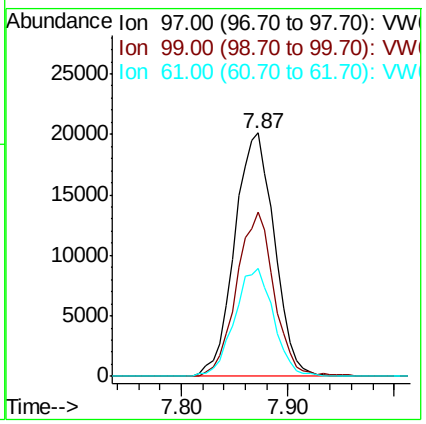




#31
1,1,1-Trichloroethane
Concen: 133.213 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

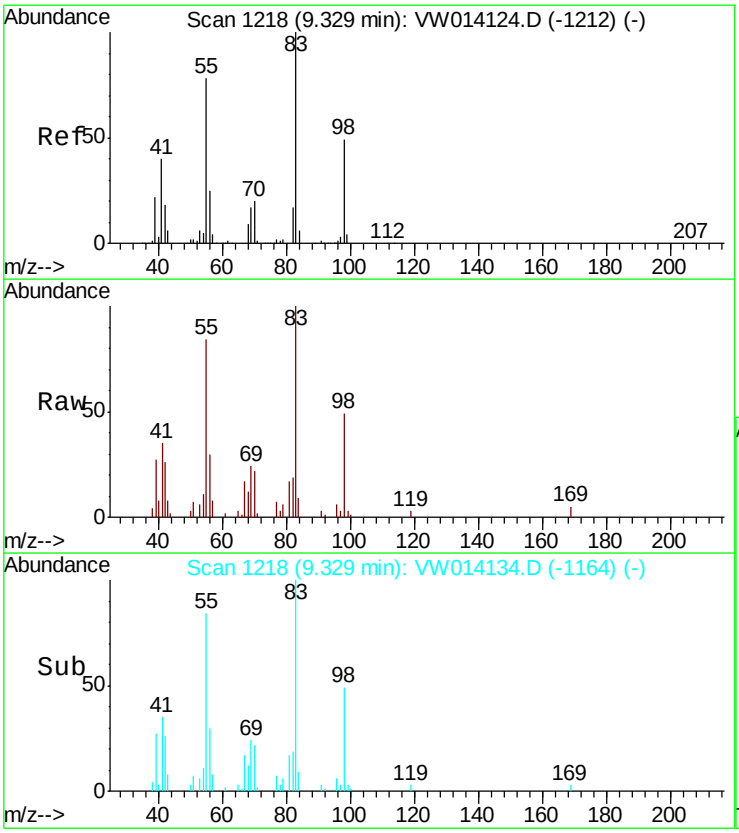
Tgt Ion: 97 Resp: 52597

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	43.6	32.8	49.2



Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

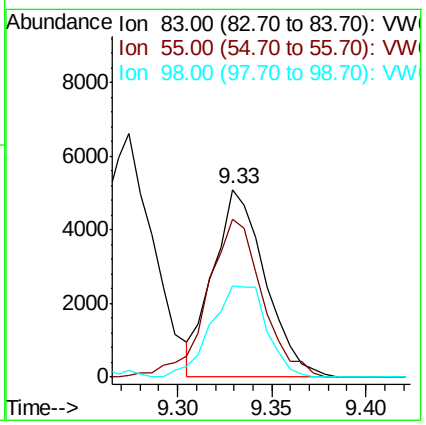
Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM

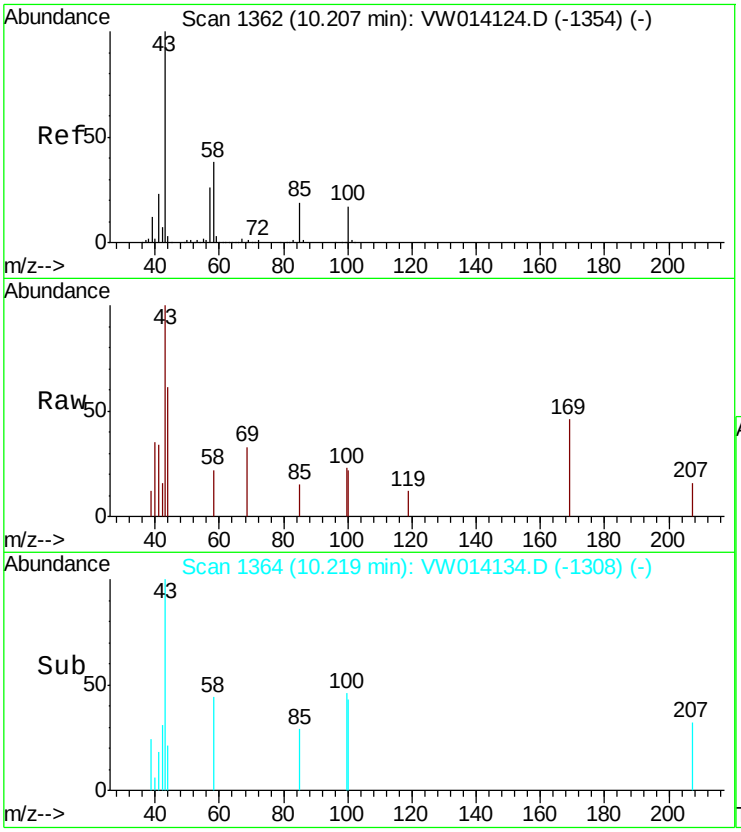


#36
Methylcyclohexane
Concen: 17.671 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 83 Resp: 9767

Ion	Ratio	Lower	Upper
83	100		
55	88.9	59.8	89.8
98	52.0	39.5	59.3

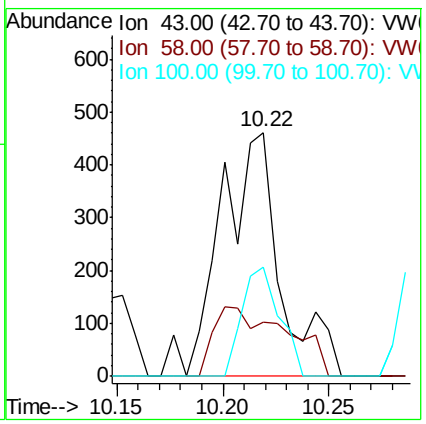




#43
4-Methyl-2-pentanone
Concen: 4.786 ug/L m
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
58	18.1	32.6	49.0#
100	0.0	13.8	20.8#



Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

Manual Integrations APPROVED
MMDadoda
11/27/2019 6:05:27 PM