Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\

Quantitation Report (Not Reviewed)

Data File : VW013810.D
Acq On : 29 Oct 2019 23:28
Operator : SY/VA
Sample : K5565-06
Misc : 3.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA5

Quant Time: Oct 30 08:19:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	242193	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199338	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80877	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	88453	29.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.08%			
7) Chloroethane-d5	2.89	69	73467	26.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.96%			
10) 1,1-Dichloroethene-d2	4.02	63	120576	18.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.48%			
20) 2-Butanone-d5	7.07	46	51931	48.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.72%			
24) Chloroform-d	7.65	84	180404	26.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.48%			
26) 1,2-Dichloroethane-d4	8.30	65	93568	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.60%			
29) Benzene-d6	8.27	84	366895	30.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 122.52%			
33) 1,2-Dichloropropane-d6	9.27	67	114444	32.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 128.00%#			
37) Toluene-d8	10.32	98	300356	27.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.76%			
38) trans-1,3-Dichloropropene-	10.58	79	35381	21.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.72%			
39) 2-Hexanone-d5	10.93	63	37375	54.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.32%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72962	24.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.64%			
61) 1,2-Dichlorobenzene-d4	13.85	152	73003	25.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.16%			
Target Compounds						Qvalue
13) Acetone	4.12	43	39686	33.644	ug/L	94
14) Carbon disulfide	4.39	76	9550	0.867	ug/L #	91
16) Methylene chloride	4.92	84	11840	2.553	ug/L	86
21) 2-Butanone	7.17	43	18243	12.181	ug/L	98
40) 1,2-Dichloropropane	9.27	63	11548	3.302	ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	2232	0.404	ug/L #	69
49) 2-Hexanone	10.92	43	4389	2.593	ug/L #	66

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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JLNA5

Quant Time: Oct 30 08:19:33 2019
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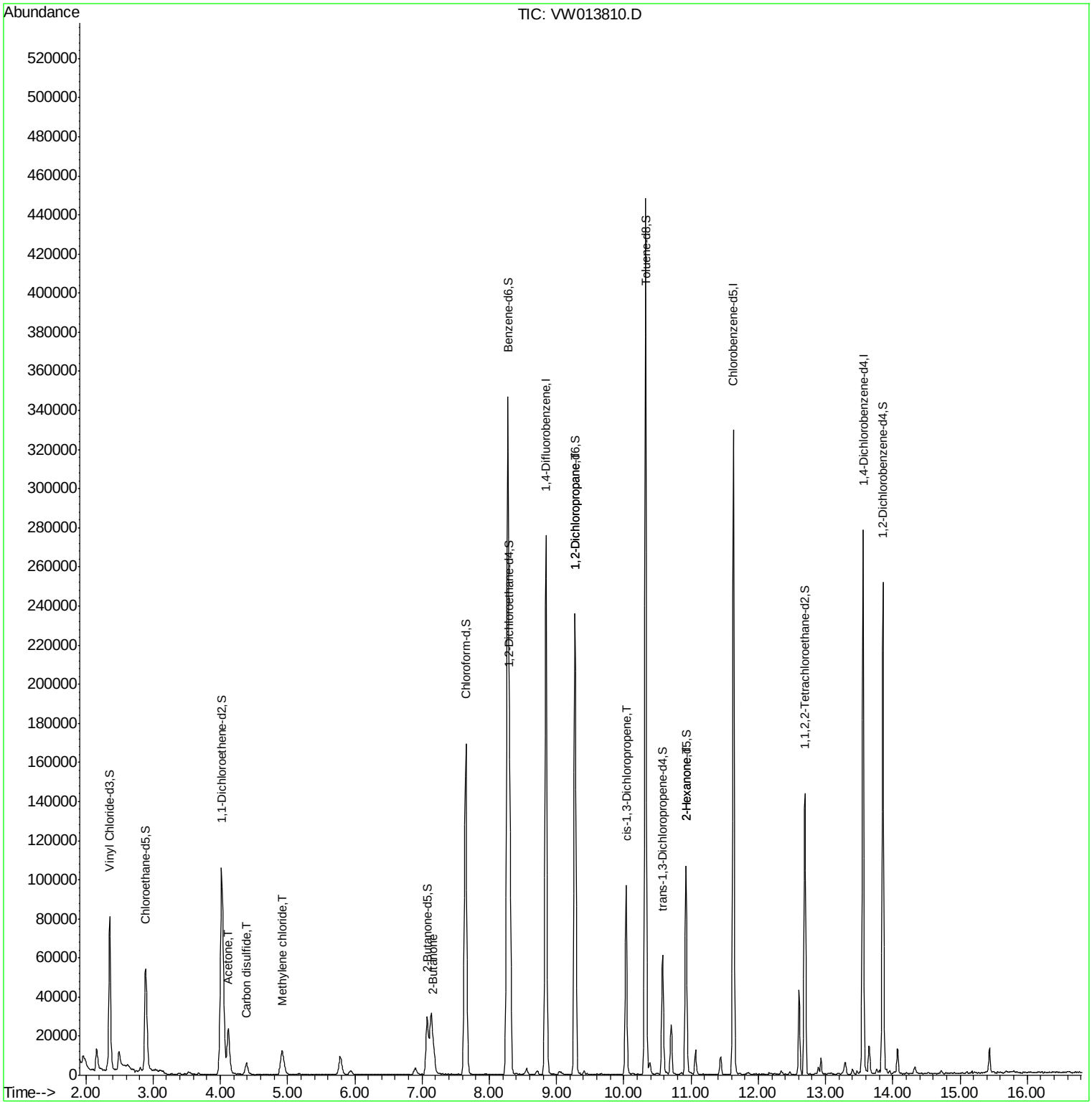
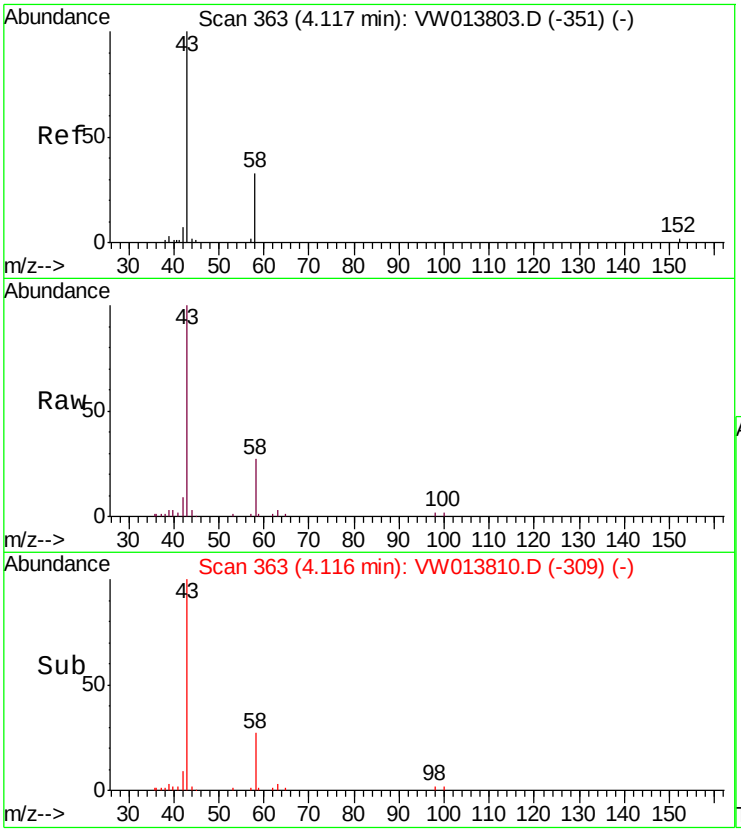
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration



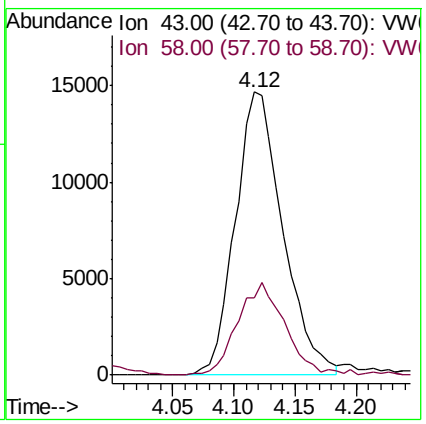


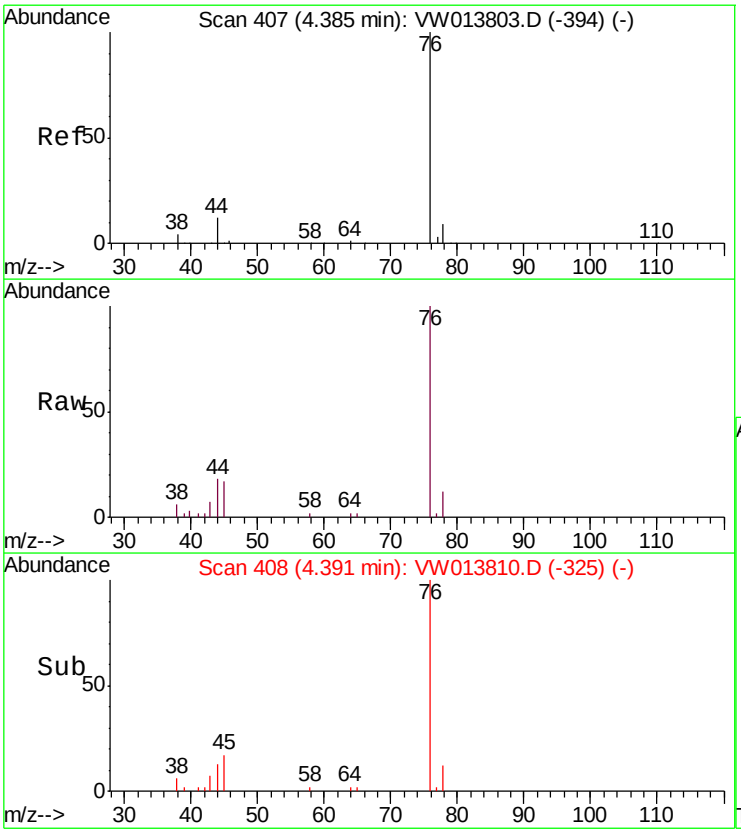
#13
Acetone
Concen: 33.644 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Instrument :
MSVOA_W
ClientSampleId :
JLNA5

Tgt Ion: 43 Resp: 39686

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	70.4

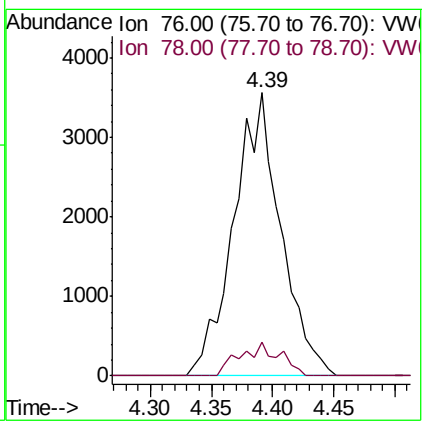


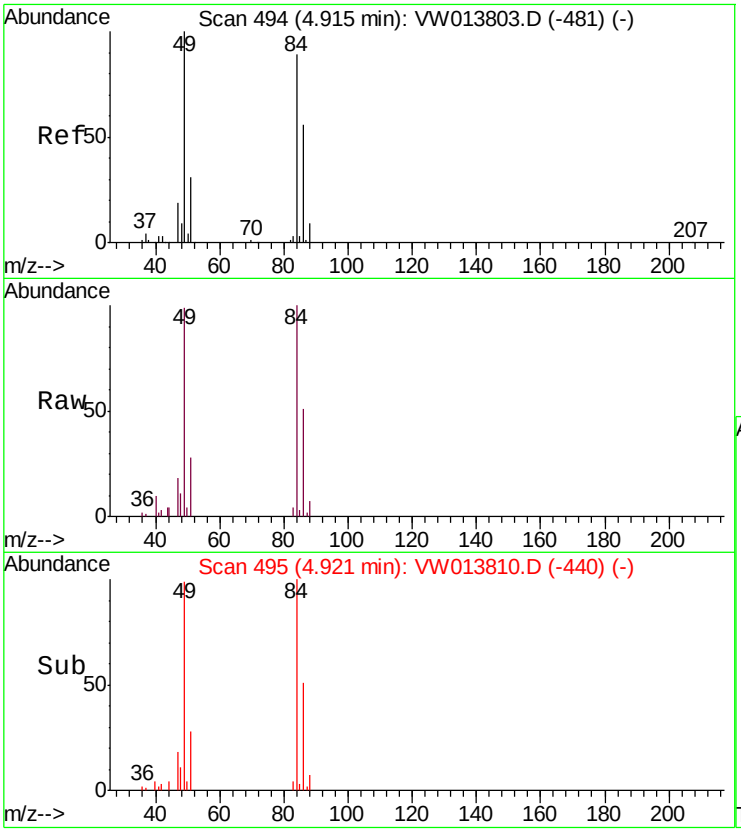


#14
Carbon disulfide
Concen: 0.867 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Tgt Ion: 76 Resp: 9550

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.1	10.7#



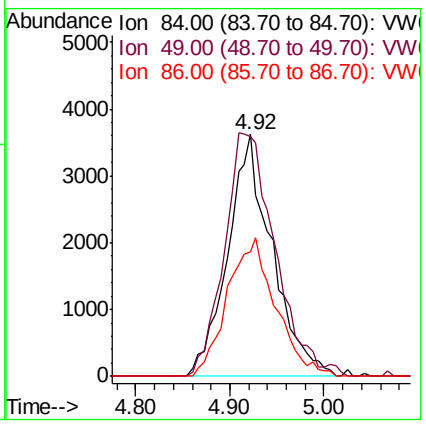


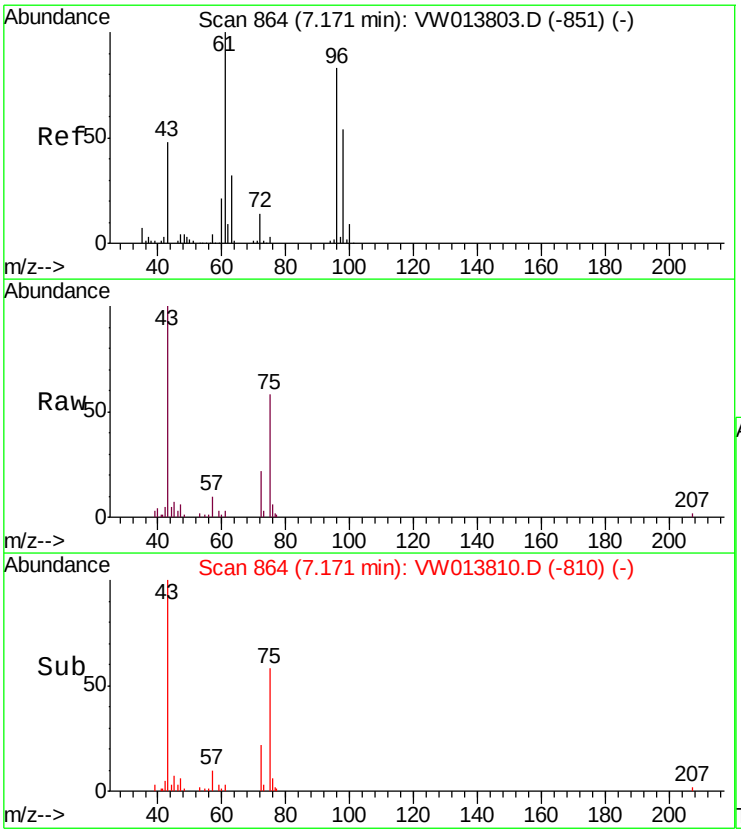
#16
Methylene chloride
Concen: 2.553 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Instrument : MSVOA_W
ClientSampleId : JLNA5

Tgt Ion: 84 Resp: 11840

Ion	Ratio	Lower	Upper
84	100		
49	99.0	80.2	148.9
86	51.3	42.7	79.3

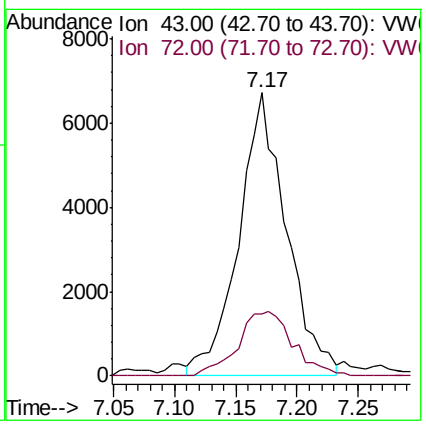


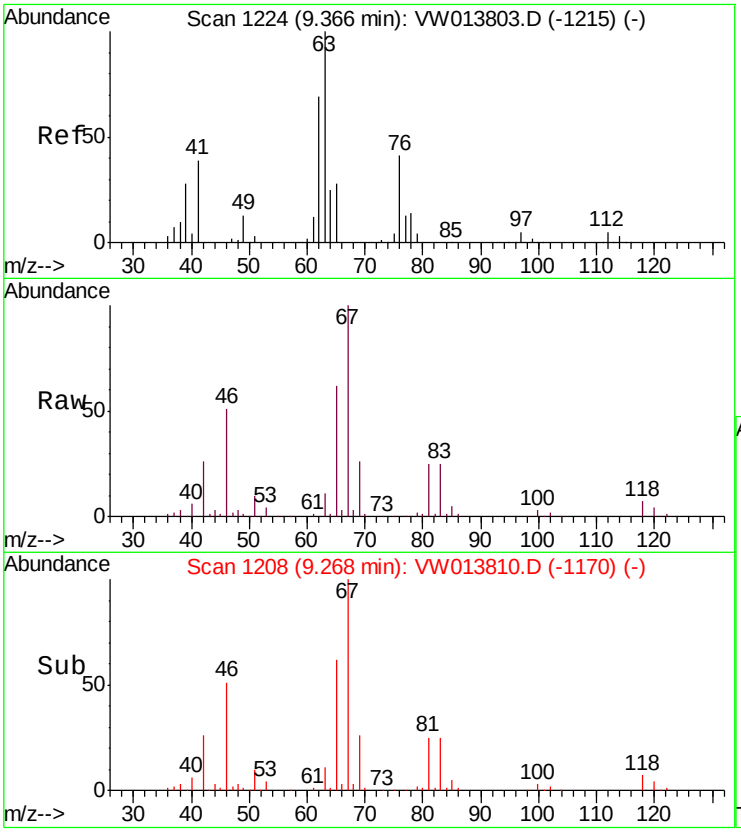


#21
2-Butanone
Concen: 12.181 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Tgt Ion: 43 Resp: 18243

Ion	Ratio	Lower	Upper
43	100		
72	26.4	13.7	41.1



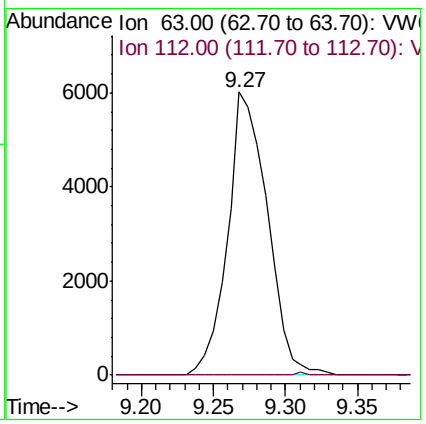


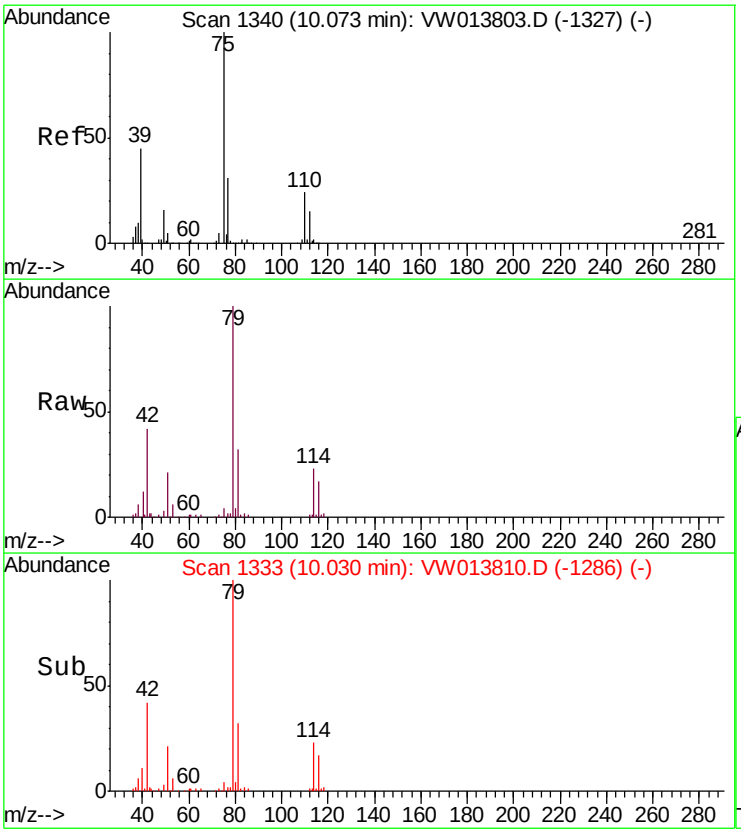
#40
1,2-Dichloropropane
Concen: 3.302 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Instrument :
MSVOA_W
ClientSampleId :
JLNA5

Tgt Ion: 63 Resp: 11548

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

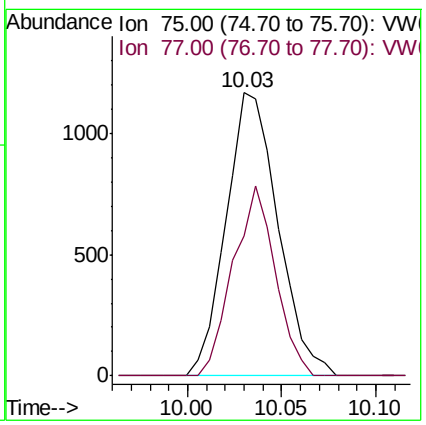


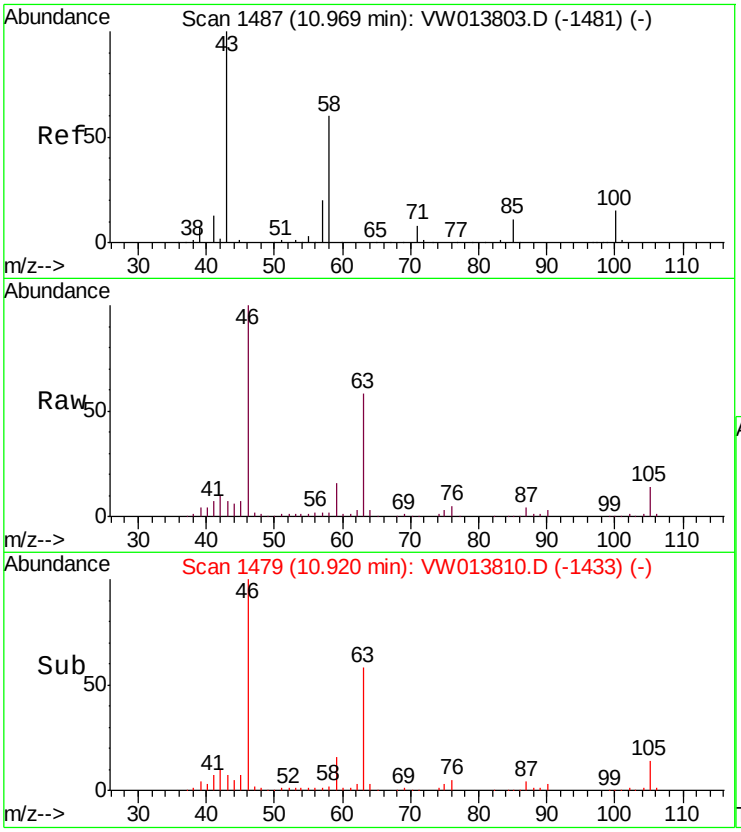


#42
cis-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Tgt Ion: 75 Resp: 2232

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.5	41.9#





#49
2-Hexanone
Concen: 2.593 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW013810.D
Acq: 29 Oct 2019 23:28

Instrument :
MSVOA_W
ClientSampleId :
JLNA5

Tgt Ion: 43 Resp: 4389

Ion	Ratio	Lower	Upper
43	100		
58	28.2	45.8	68.6#
57	27.8	15.4	23.2#
100	1.0	10.8	16.2#