Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102119\
Data File : VW013639.D
Acq On : 21 Oct 2019 16:44
Operator : SY/VA
Sample : K5422-07
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB8

Quant Time: Oct 21 18:30:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	116125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	45905	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	45496	31.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.72%			
7) Chloroethane-d5	2.89	69	39779	29.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.64%			
10) 1,1-Dichloroethene-d2	4.01	63	70508	22.41	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.64%			
20) 2-Butanone-d5	7.07	46	20158	39.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.12%			
24) Chloroform-d	7.65	84	87604	26.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.84%			
26) 1,2-Dichloroethane-d4	8.31	65	45398	26.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.88%			
29) Benzene-d6	8.27	84	186928	28.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.96%			
33) 1,2-Dichloropropane-d6	9.27	67	56477	29.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.28%			
37) Toluene-d8	10.32	98	169335	28.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.92%			
38) trans-1,3-Dichloropropene-	10.58	79	20746	23.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.68%			
39) 2-Hexanone-d5	10.92	63	15056	40.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38093	23.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	41738	25.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.92%			
Target Compounds						Qvalue
13) Acetone	4.12	43	3990	7.055	ug/L	83
15) Methyl Acetate	4.67	43	6706	7.257	ug/L	91
16) Methylene chloride	4.91	84	20169	9.070	ug/L	97
35) Trichloroethene	8.84	95	3617	1.815	ug/L #	2
36) Methylcyclohexane	9.27	83	13185	3.753	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5938	3.126	ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	4709	3.678	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	2090	0.741	ug/L	97

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

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QLast Update : Mon Oct 21 16:37:58 2019
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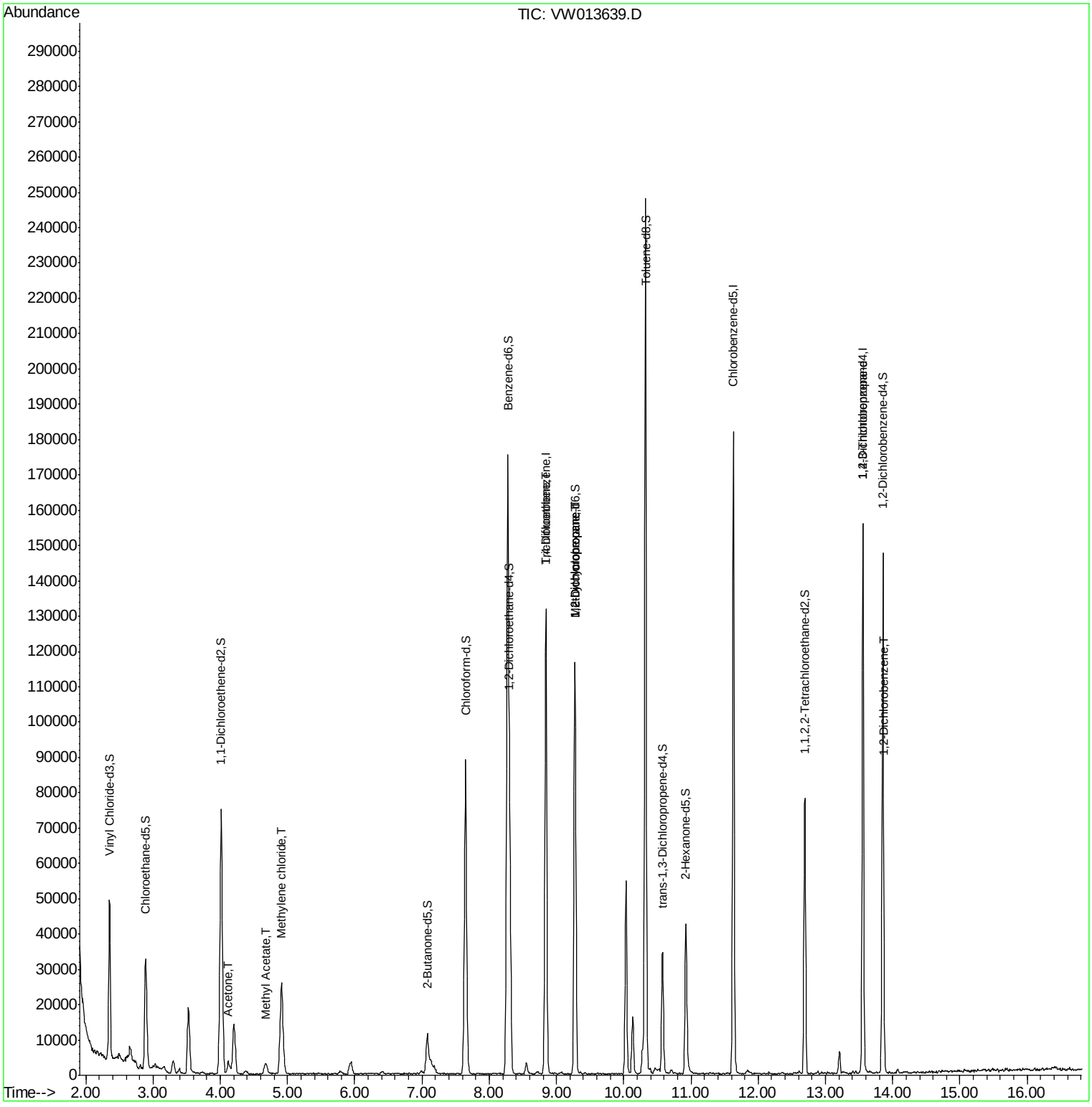
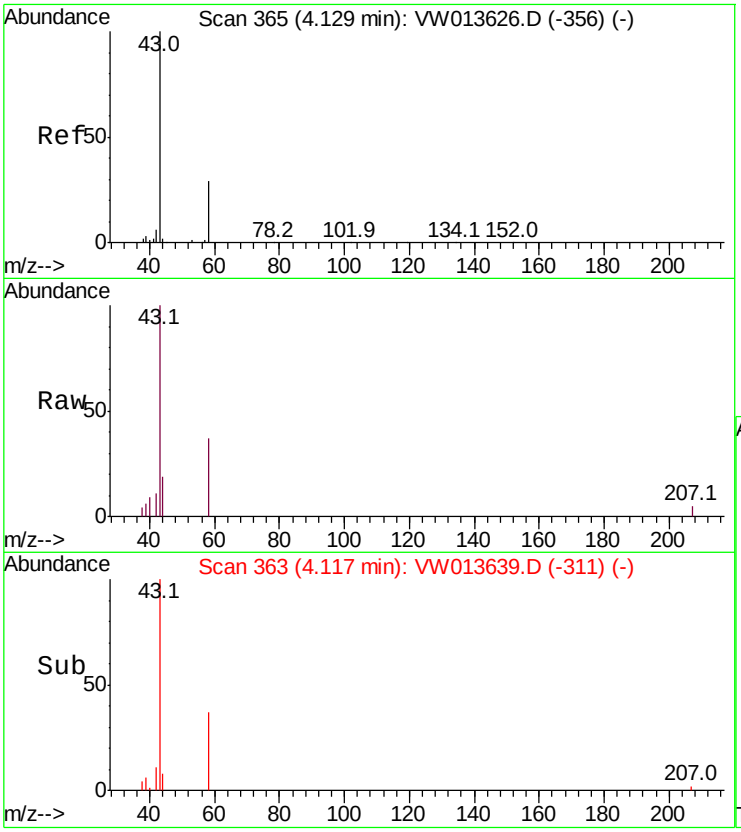


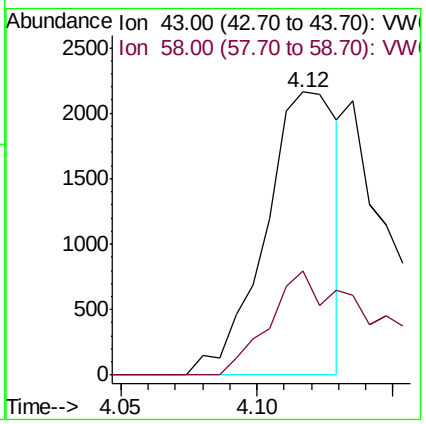


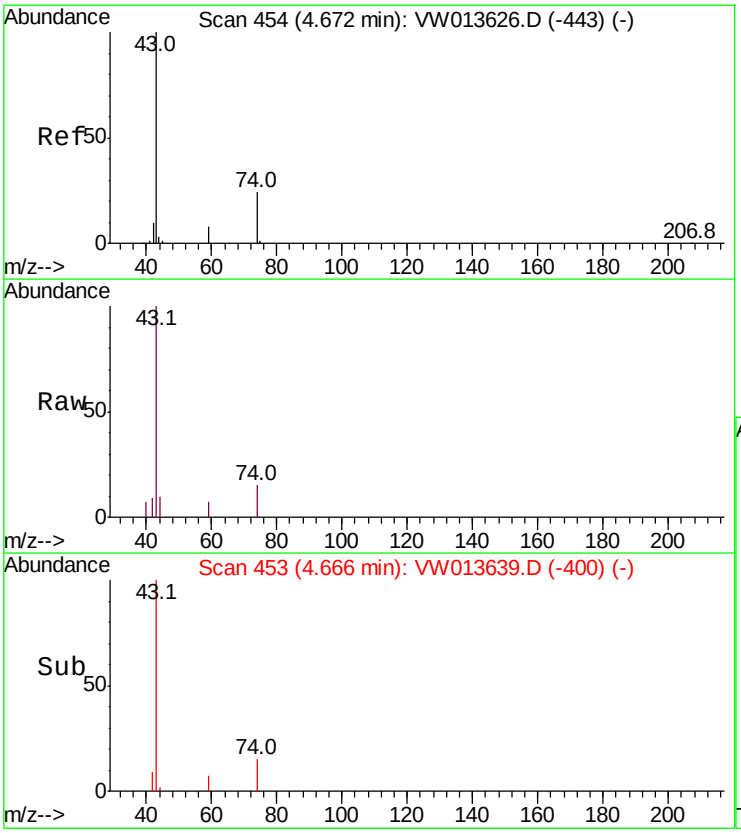
#13
Acetone
Concen: 7.055 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

Tgt Ion: 43 Resp: 3990

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	70.4

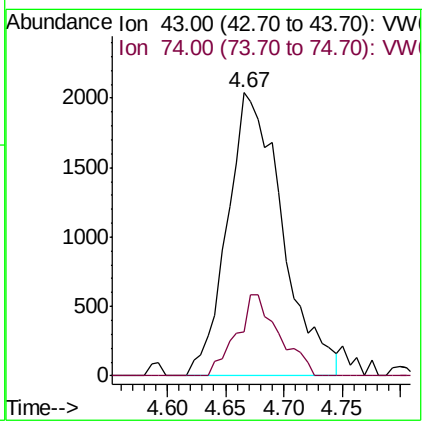


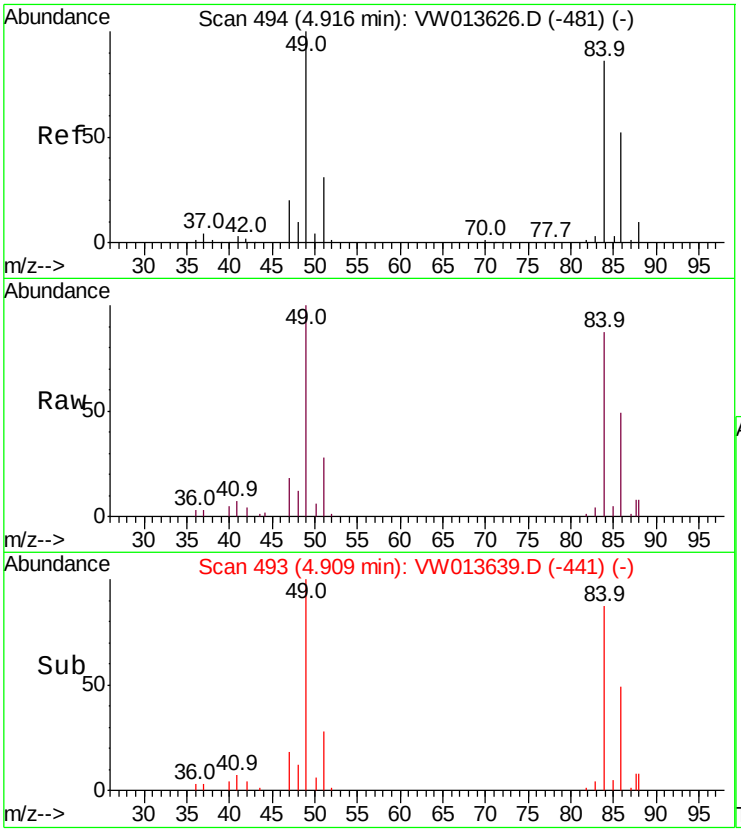


#15
Methyl Acetate
Concen: 7.257 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion: 43 Resp: 6706

Ion	Ratio	Lower	Upper
43	100		
74	19.5	19.2	28.8



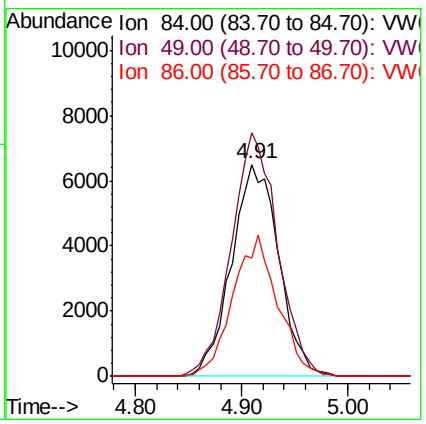


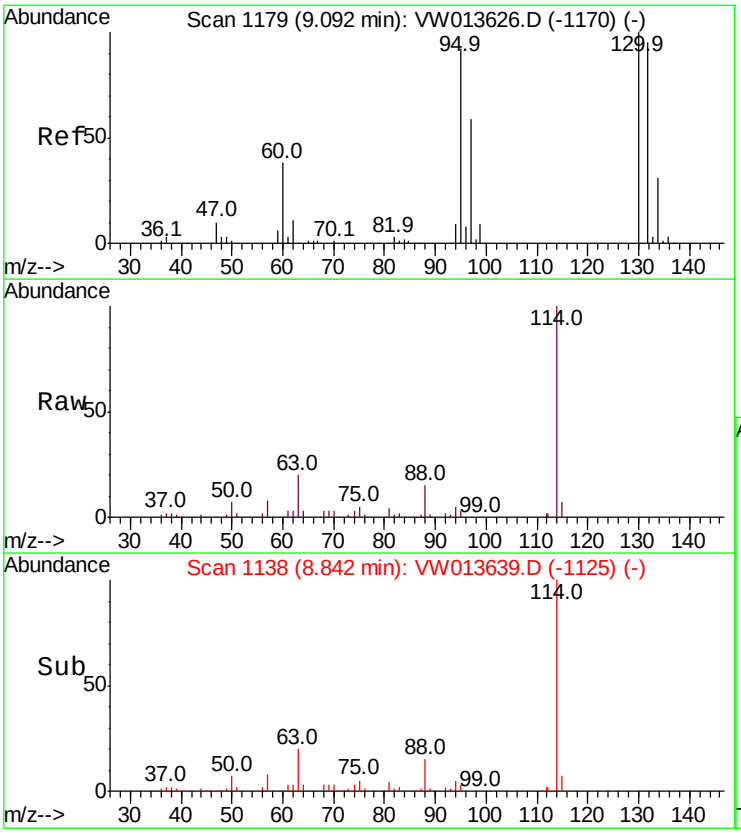
#16
Methylene chloride
Concen: 9.070 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 84 Resp: 20169

Ion	Ratio	Lower	Upper
84	100		
49	115.0	80.2	148.9
86	56.0	42.7	79.3

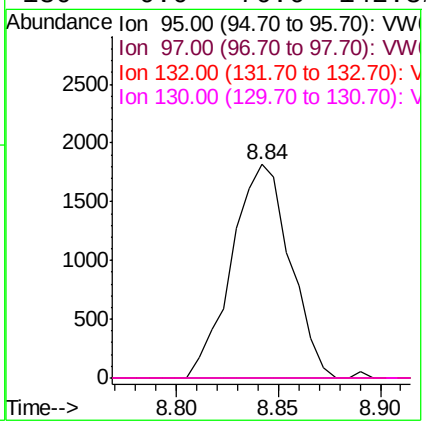


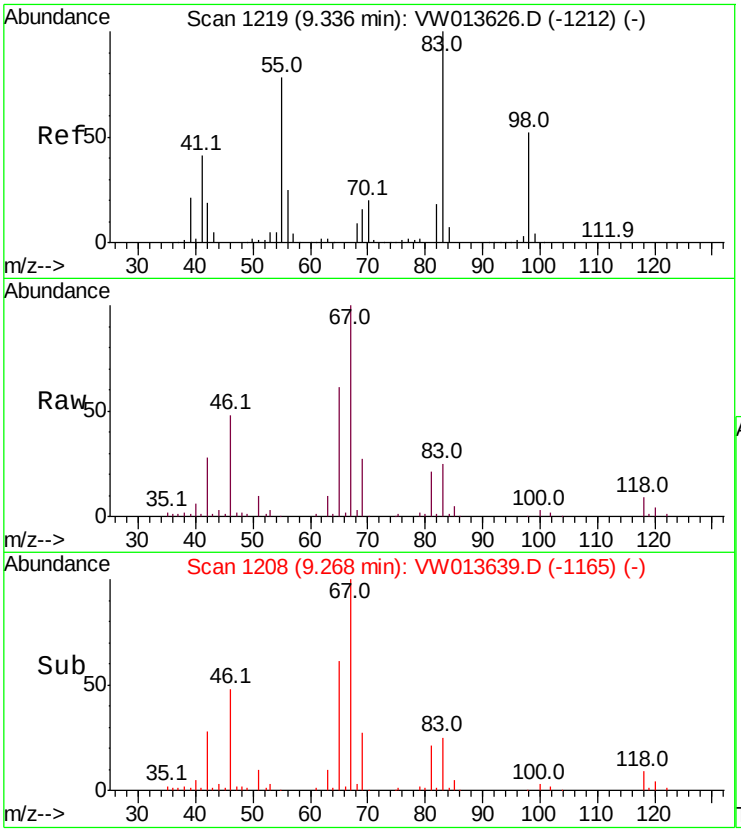


#35
Trichloroethene
Concen: 1.815 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion: 95 Resp: 3617

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	74.3	138.1#
130	0.0	76.6	142.3#



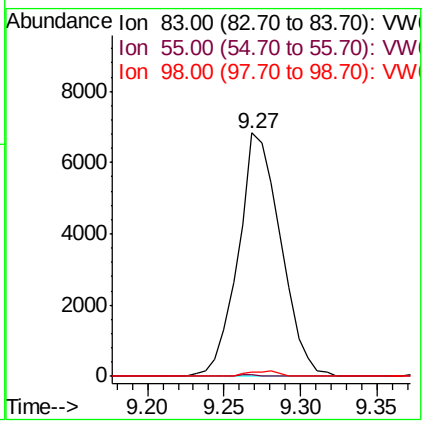


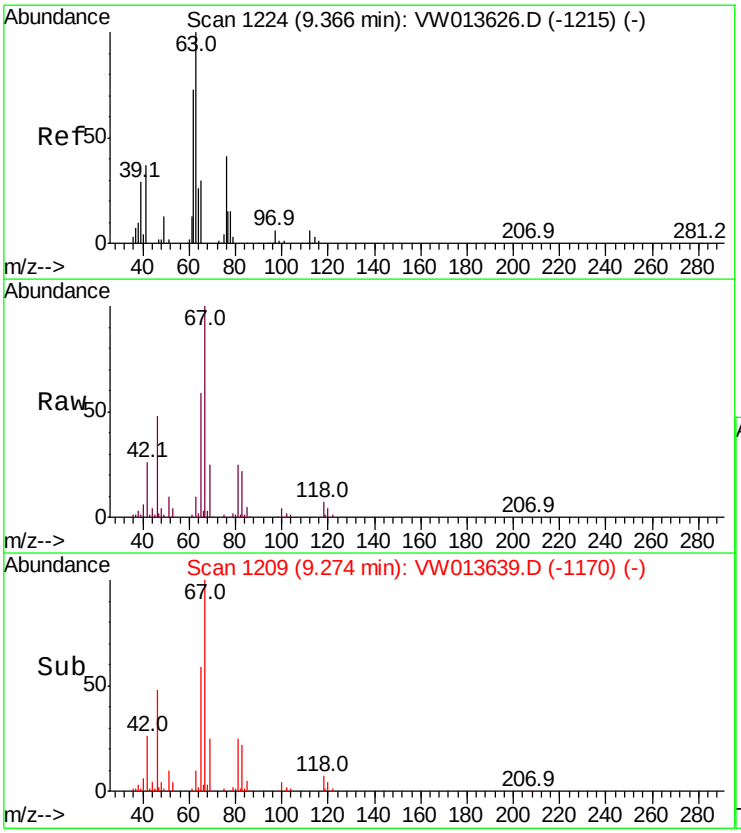
#36
Methylcyclohexane
Concen: 3.753 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

Tgt Ion: 83 Resp: 13185

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.2	90.4#
98	1.6	39.1	58.7#

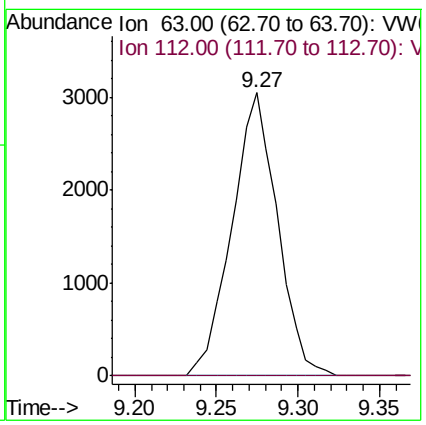


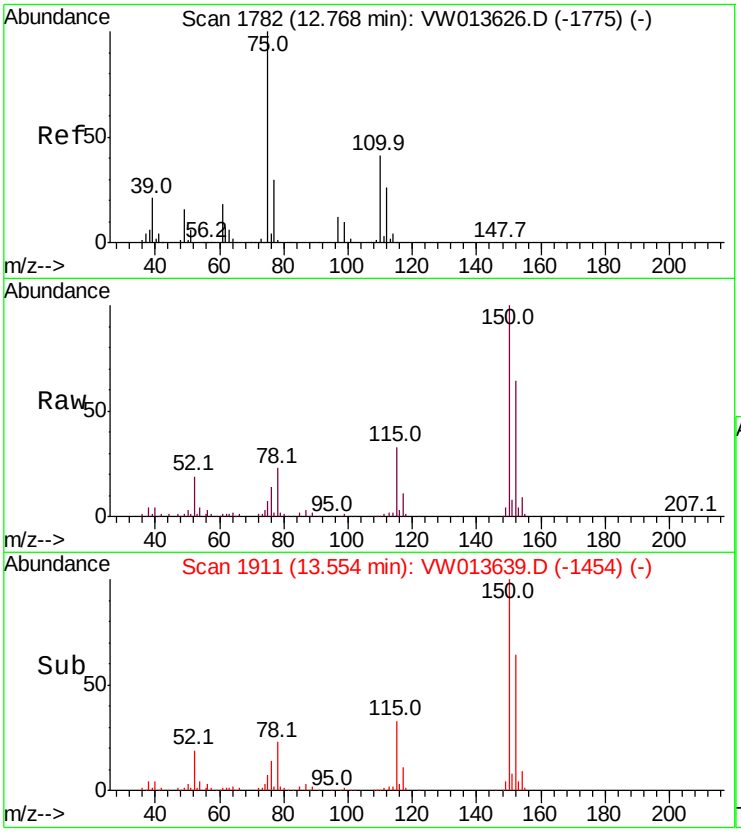


#40
1,2-Dichloropropane
Concen: 3.126 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion: 63 Resp: 5938

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



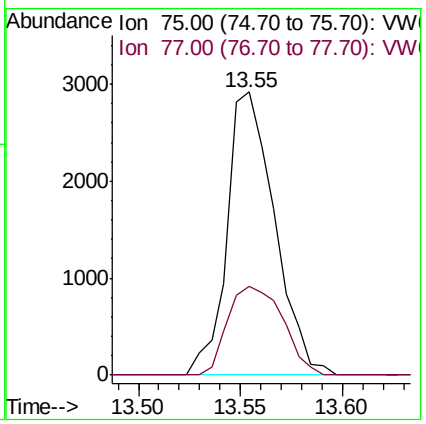


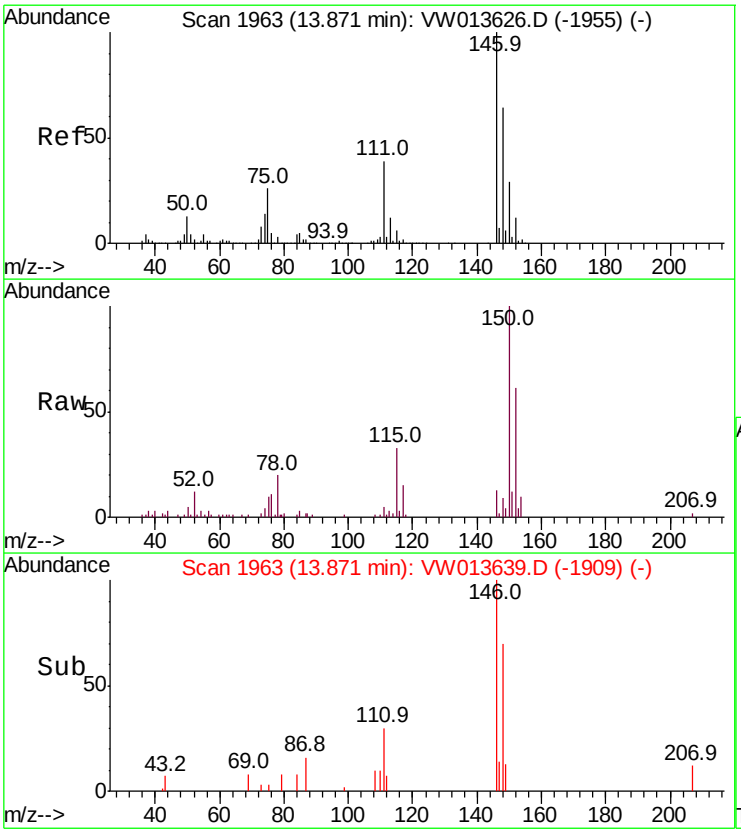
#59
1,2,3-Trichloropropane
Concen: 3.678 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 75 Resp: 4709

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.4	39.6





#65
1,2-Dichlorobenzene
Concen: 0.741 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion:146 Resp: 2090

Ion	Ratio	Lower	Upper
146	100		
111	40.0	30.7	46.1
148	69.5	53.3	79.9