Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
Data File : VW007150.D
Acq On : 30 Nov 2018 18:58
Operator : SY/AP
Sample : J6077-07
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y39

Quant Time: Nov 30 22:55:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 15:51:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	19374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	17343	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7071	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	3785	22.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.84%			
7) Chloroethane-d5	2.89	69	2783	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.16%			
10) 1,1-Dichloroethene-d2	4.03	63	8042	18.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.92%			
20) 2-Butanone-d5	7.08	46	4030	60.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.76%			
24) Chloroform-d	7.65	84	10180	25.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.36%			
26) 1,2-Dichloroethane-d4	8.31	65	6627	28.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.84%			
29) Benzene-d6	8.28	84	21547	26.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.60%			
33) 1,2-Dichloropropane-d6	9.28	67	6638	28.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.48%			
37) Toluene-d8	10.33	98	19736	22.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.56%			
38) trans-1,3-Dichloropropene-	10.58	79	2972	25.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.00%			
39) 2-Hexanone-d5	10.93	63	2793	50.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	6208	28.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.44%			
61) 1,2-Dichlorobenzene-d4	13.86	152	6796	25.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.44%			
Target Compounds						Qvalue
8) Chloroethane	2.89	64	88	0.738	ug/L #	44
13) Acetone	4.14	43	509	10.885	ug/L	50
25) Chloroform	7.68	83	439	1.026	ug/L	96
35) Trichloroethene	8.85	95	631	2.590	ug/L #	5
36) Methylcyclohexane	9.28	83	1615	3.570	ug/L #	18
40) 1,2-Dichloropropane	9.28	63	703	3.261	ug/L #	87
44) Toluene	10.39	91	418	0.388	ug/L #	70
49) 2-Hexanone	10.93	43	282	2.612	ug/L #	38

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

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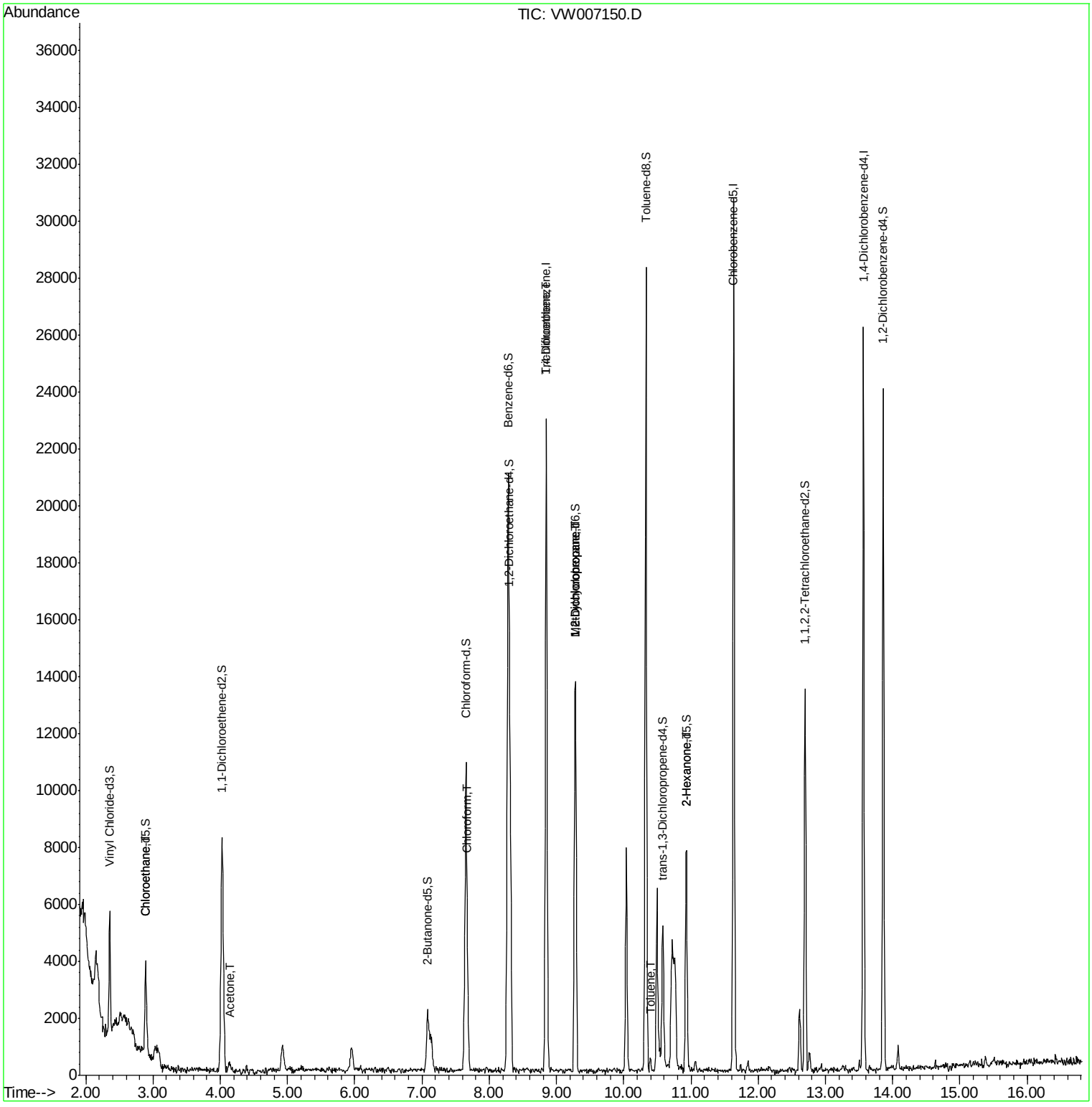
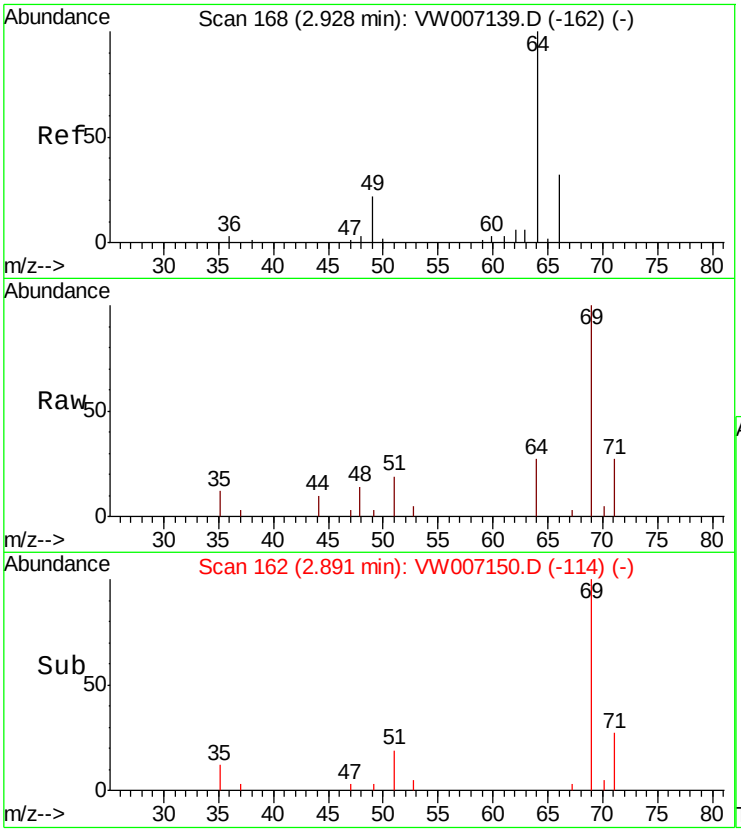


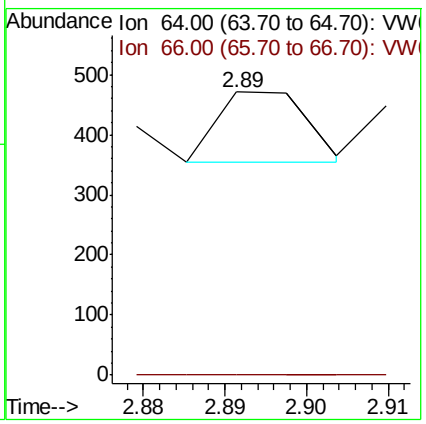


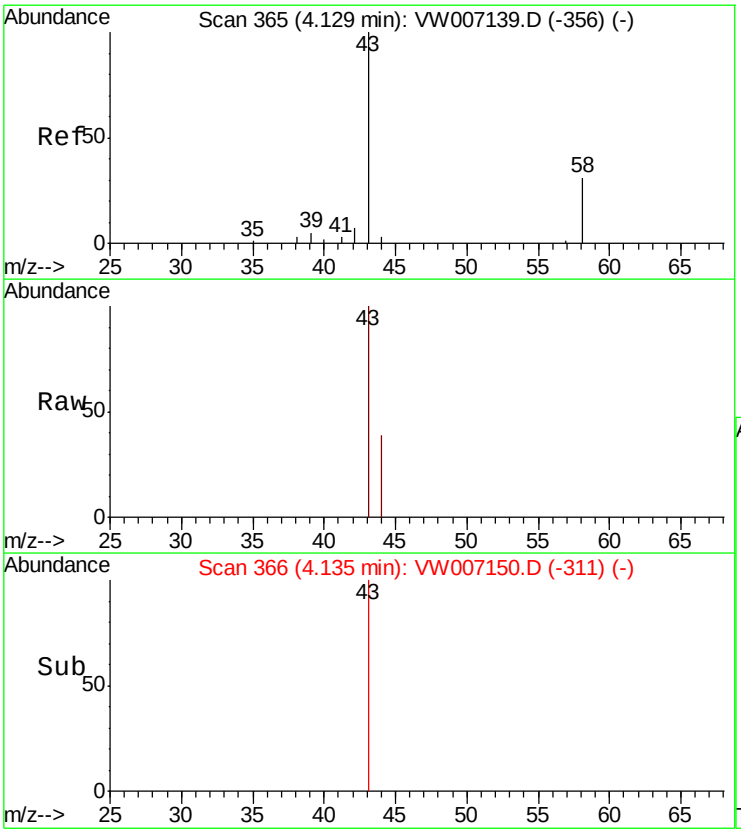
#8
Chloroethane
Concen: 0.738 ug/L
RT: 2.89 min Scan# 162
Delta R.T. -0.04 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Instrument : MSVOA_W
ClientSampleId : F9Y39

Tgt Ion: 64 Resp: 88

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.4	39.8#

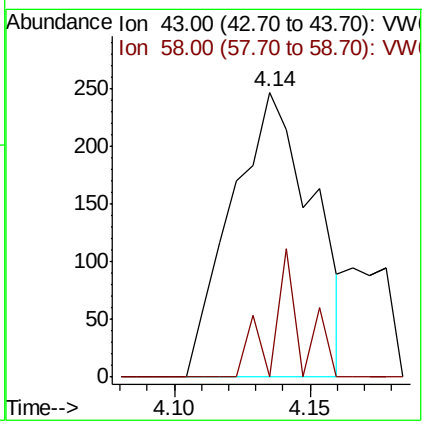


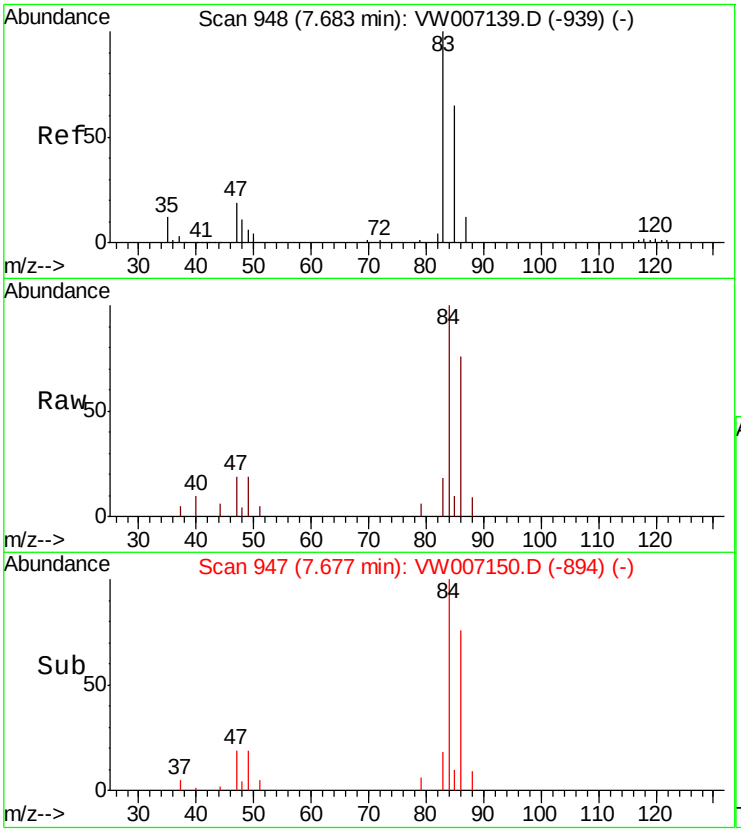


#13
Acetone
Concen: 10.885 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Tgt Ion: 43 Resp: 509

Ion	Ratio	Lower	Upper
43	100		
58	3.7	0.0	62.4



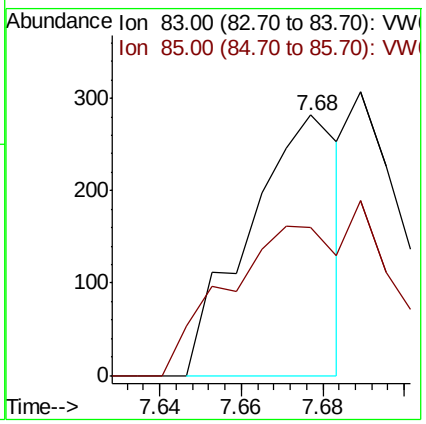


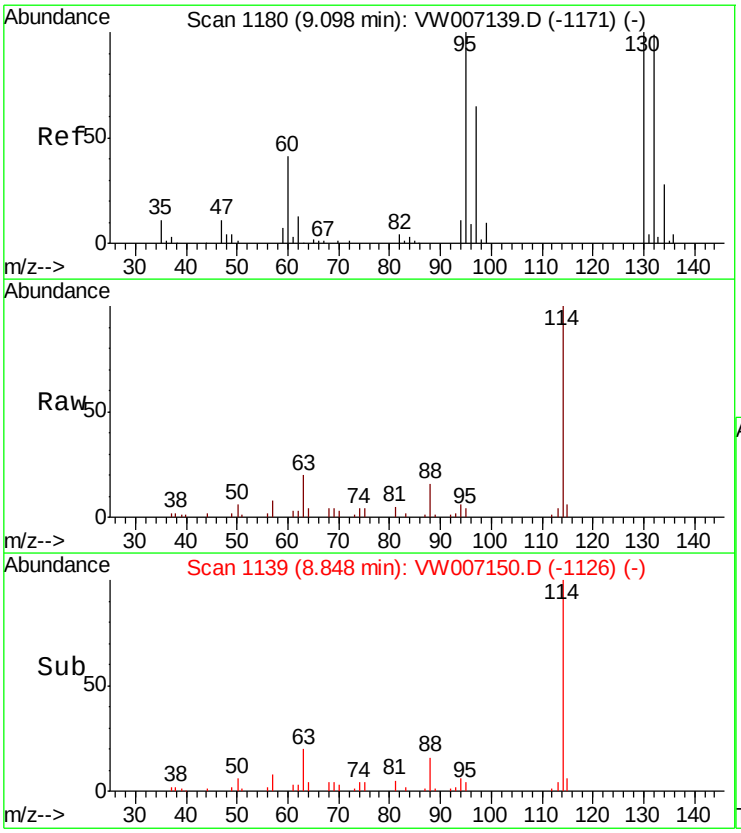
#25
Chloroform
Concen: 1.026 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
F9Y39

Tgt Ion: 83 Resp: 439

Ion	Ratio	Lower	Upper
83	100		
85	69.2	46.1	85.7

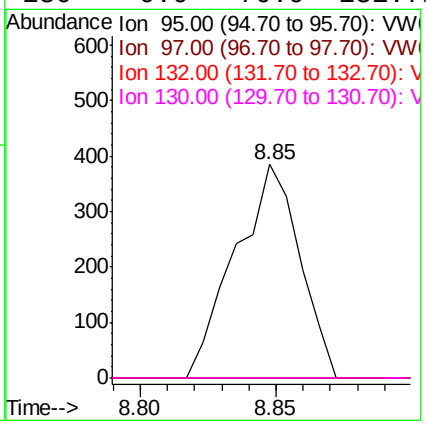


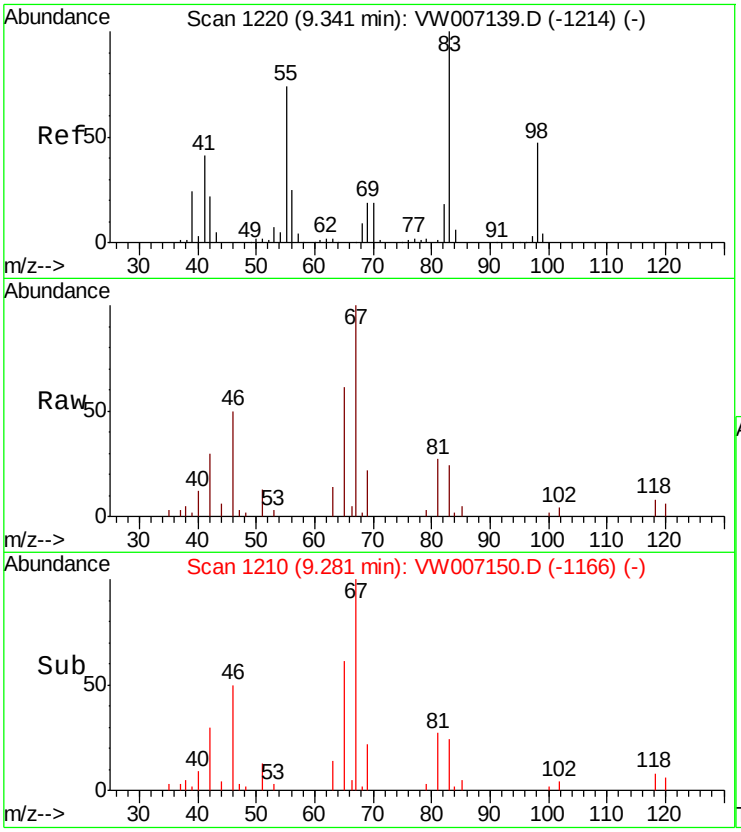


#35
Trichloroethene
Concen: 2.590 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Tgt Ion: 95 Resp: 631

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	83.1#
132	0.0	68.2	126.6#
130	0.0	70.9	131.7#



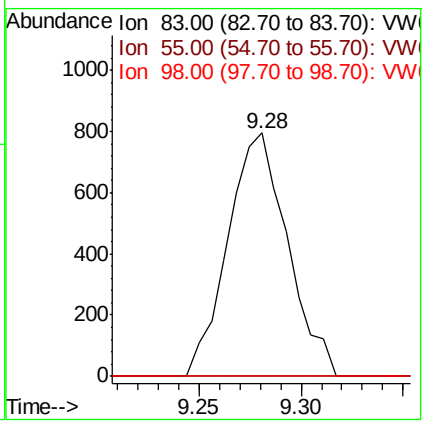


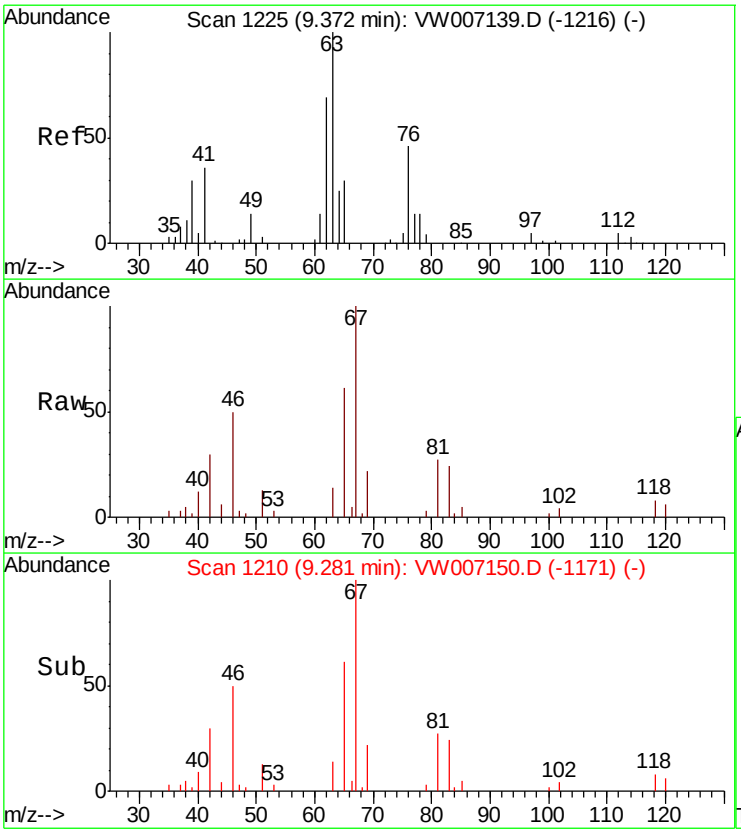
#36
Methylcyclohexane
Concen: 3.570 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Instrument : MSVOA_W
ClientSampleId : F9Y39

Tgt Ion: 83 Resp: 1615

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.0	38.8	58.2#

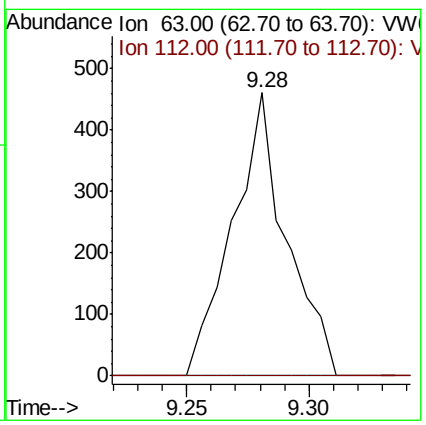


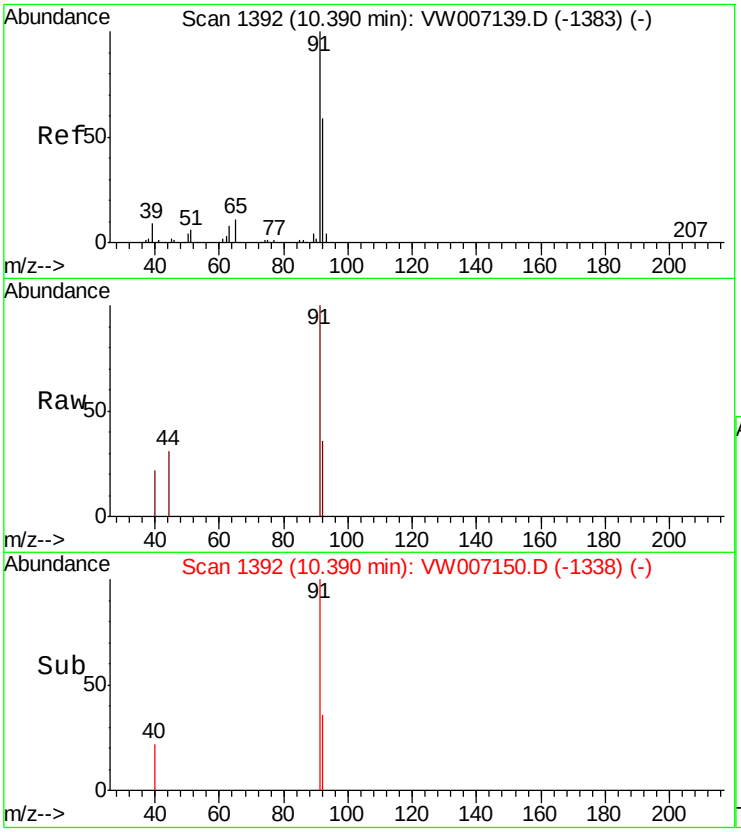


#40
1,2-Dichloropropane
Concen: 3.261 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Tgt Ion: 63 Resp: 703

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



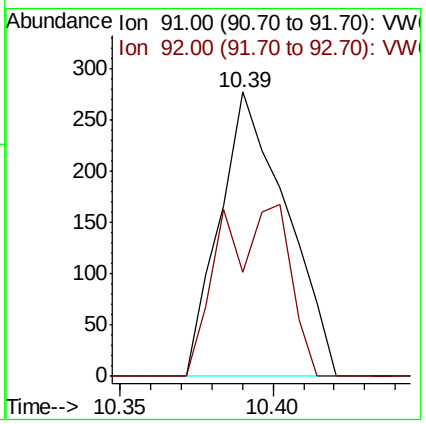


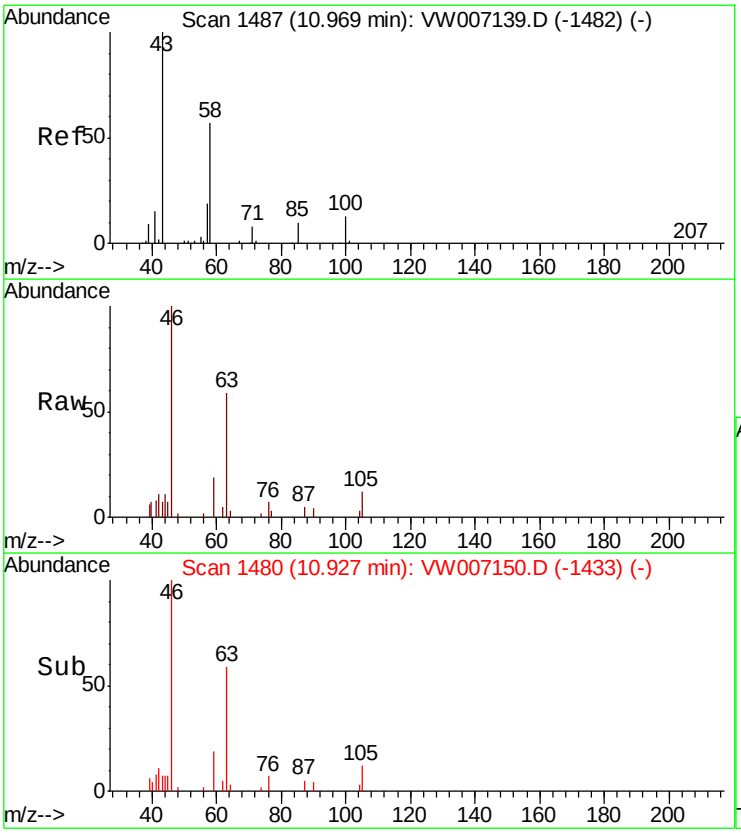
#44
Toluene
Concen: 0.388 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
F9Y39

Tgt Ion: 91 Resp: 418

Ion	Ratio	Lower	Upper
91	100		
92	36.5	41.2	76.6#





#49
2-Hexanone
Concen: 2.612 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007150.D
Acq: 30 Nov 2018 18:58

Tgt Ion: 43 Resp: 282

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.2	66.2#
57	0.0	16.3	24.5#
100	0.0	10.1	15.1#