Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121218\
Data File : VW007396.D
Acq On : 11 Dec 2018 14:58
Operator : SY/AP
Sample : J6271-09
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 12 02:41:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	131855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52782	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	23287	27.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.44%			
7) Chloroethane-d5	2.89	69	18062	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.32%			
10) 1,1-Dichloroethene-d2	4.01	63	61371	20.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.88%			
20) 2-Butanone-d5	7.08	46	21989	40.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.24%			
24) Chloroform-d	7.65	84	83642	26.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.56%			
26) 1,2-Dichloroethane-d4	8.31	65	49474	27.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.80%			
29) Benzene-d6	8.27	84	164016	25.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.68%			
33) 1,2-Dichloropropane-d6	9.27	67	46418	25.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.84%			
37) Toluene-d8	10.32	98	157616	26.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.20%			
38) trans-1,3-Dichloropropene-	10.58	79	23130	24.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.28%			
39) 2-Hexanone-d5	10.93	63	17669	39.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.72%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40994	24.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	50452	27.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.68%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.01	96	574	0.371	ug/L #	1
27) 1,2-Dichloroethane	8.28	62	1091	0.498	ug/L #	76
35) Trichloroethene	8.84	95	4031	2.064	ug/L #	4
36) Methylcyclohexane	9.27	83	12216	3.624	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5939	3.565	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1600	0.572	ug/L #	82
49) 2-Hexanone	10.93	43	2398	2.588	ug/L #	67

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

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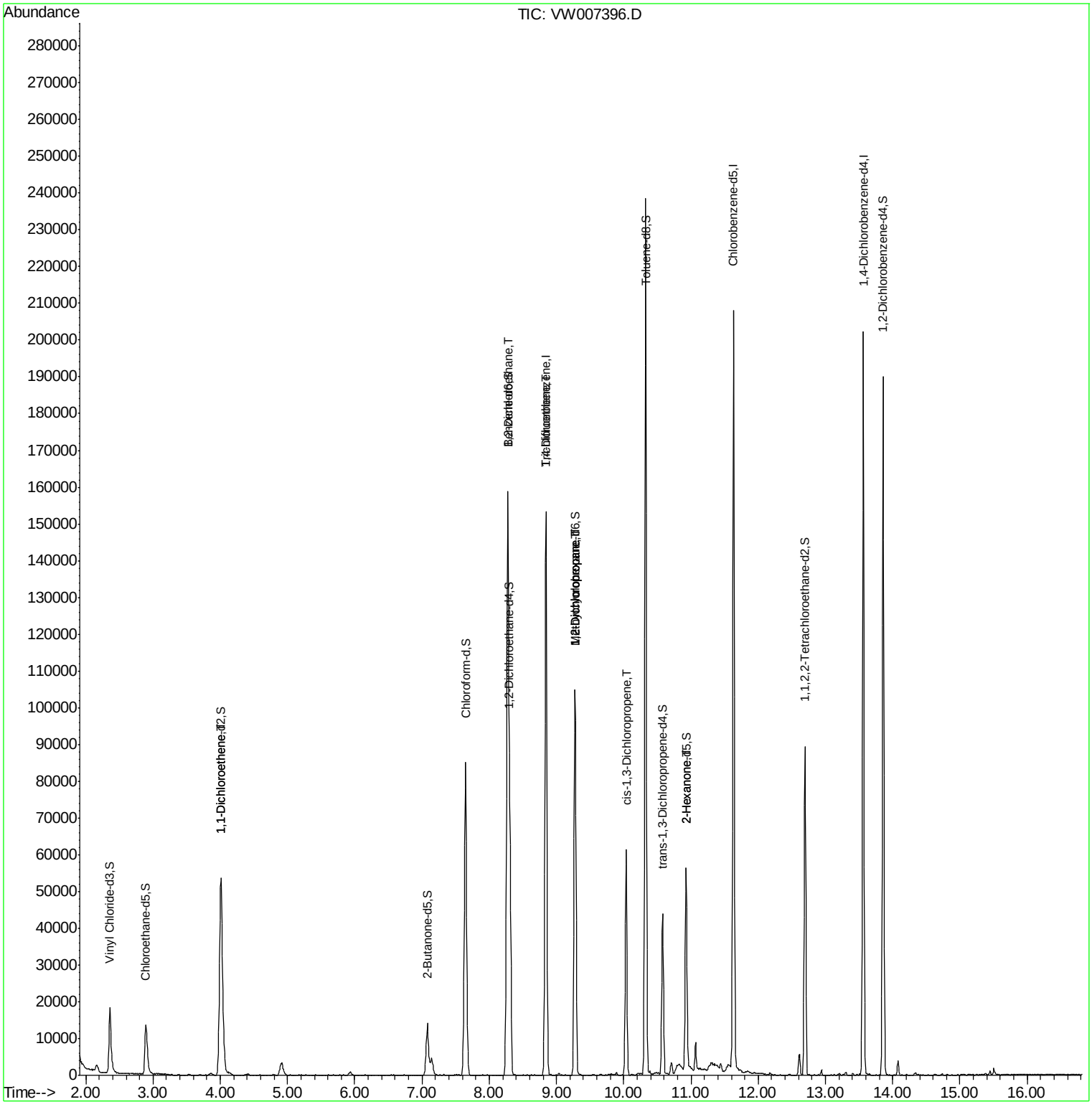
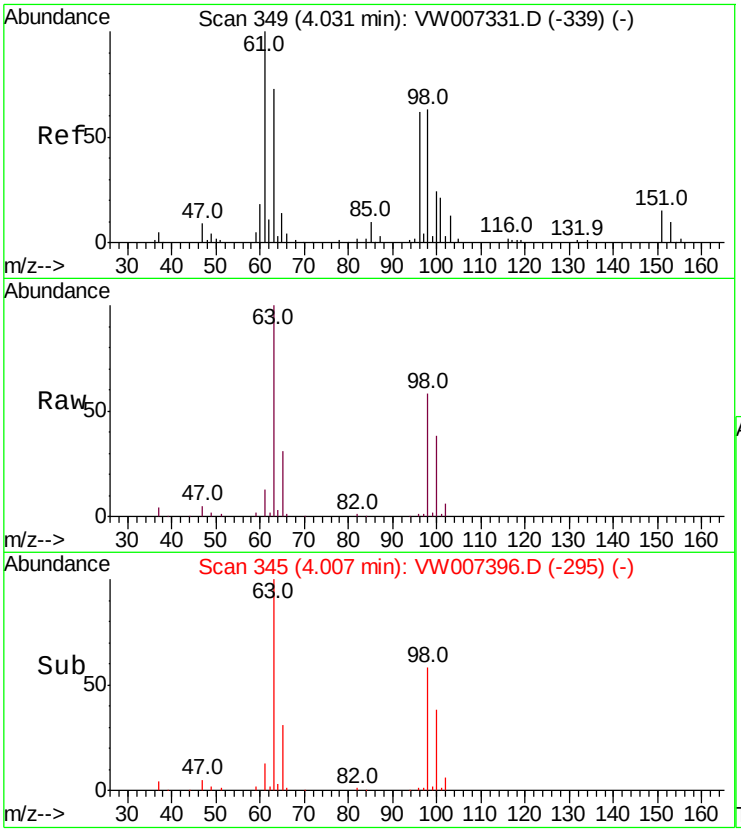


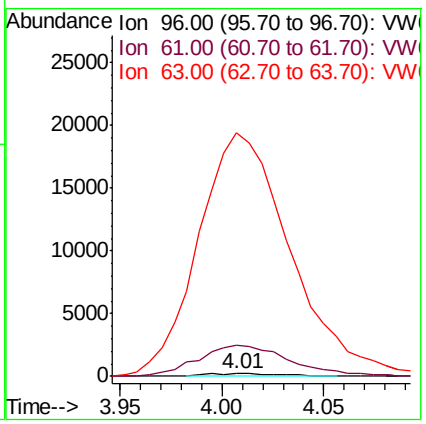


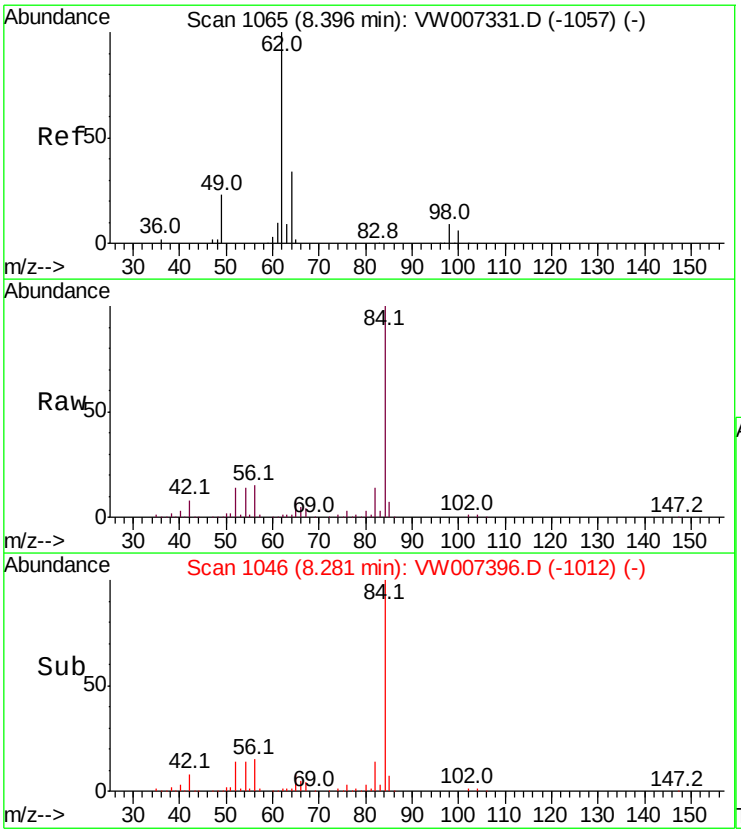
#12
1,1-Dichloroethene
Concen: 0.371 ug/L
RT: 4.01 min Scan# 345
Delta R.T. -0.02 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 574

Ion	Ratio	Lower	Upper
96	100		
61	1092.8	117.2	217.8#
63	8703.1	89.7	166.7#

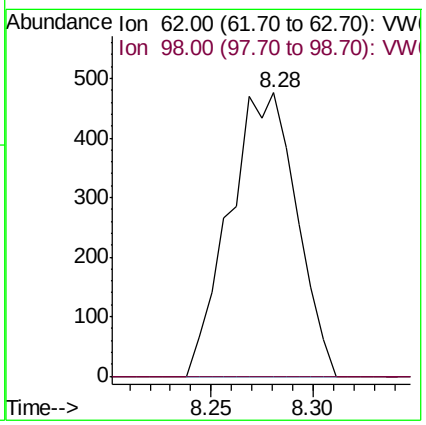


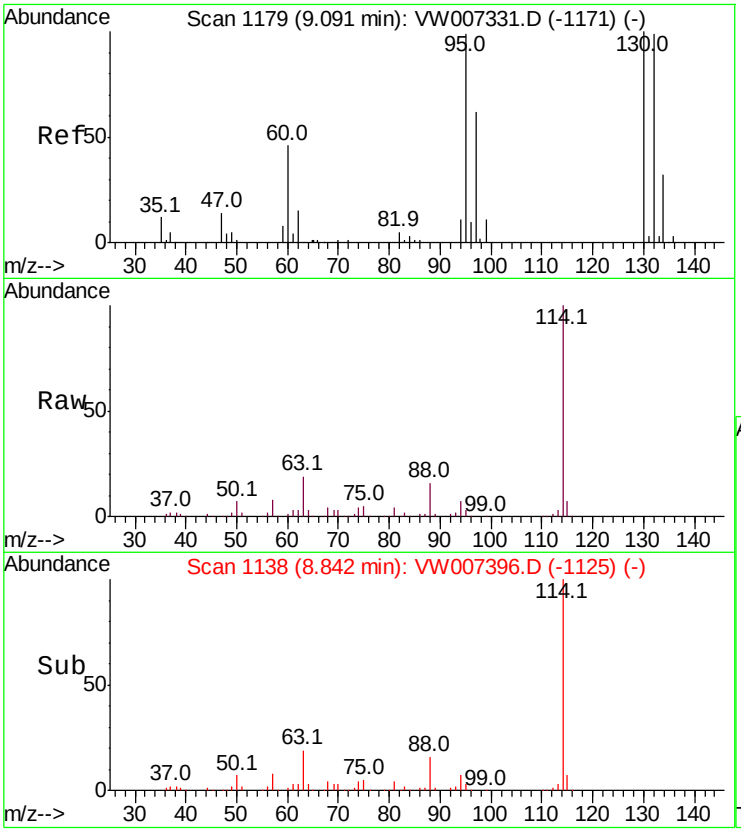


#27
1,2-Dichloroethane
Concen: 0.498 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Tgt Ion: 62 Resp: 1091

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#



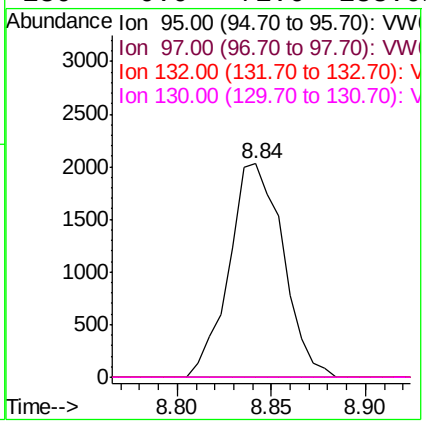


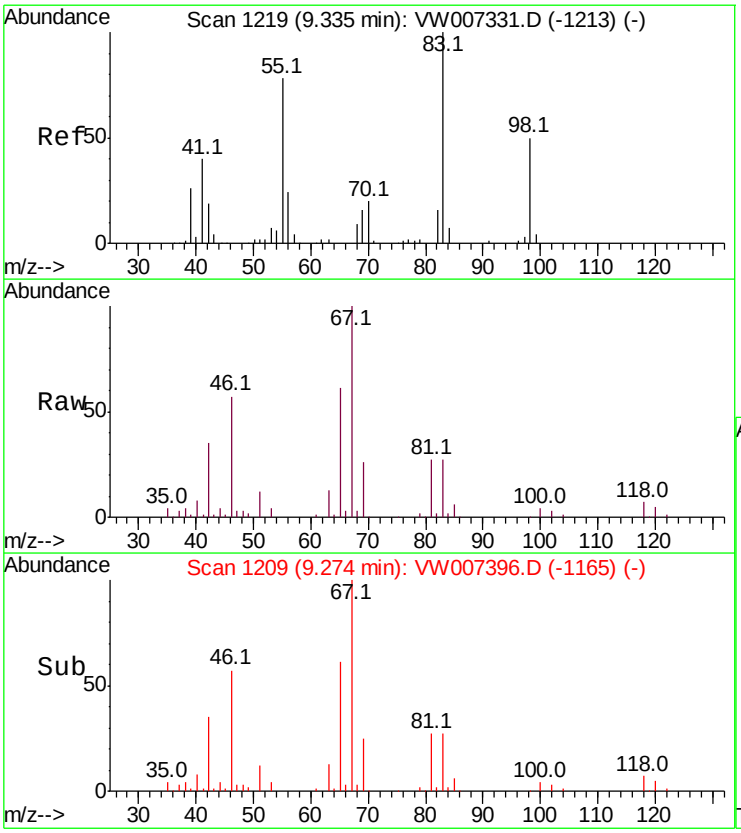
#35
Trichloroethene
Concen: 2.064 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 4031

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.0#
132	0.0	68.0	126.4#
130	0.0	71.6	133.0#

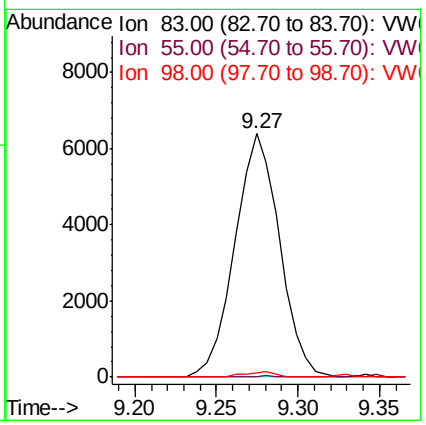


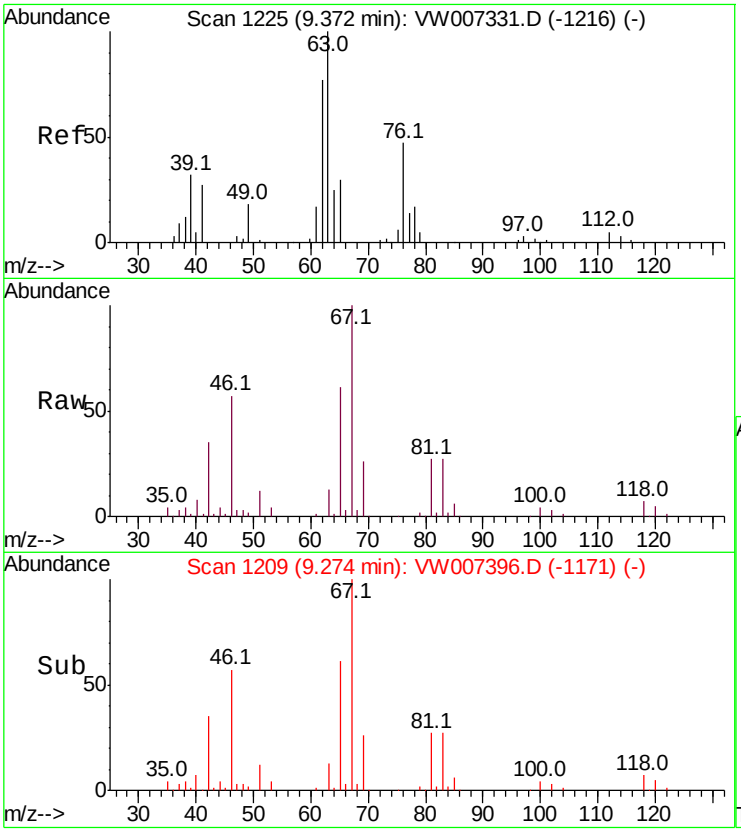


#36
Methylcyclohexane
Concen: 3.624 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Tgt Ion: 83 Resp: 12216

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.2#
98	1.5	38.1	57.1#



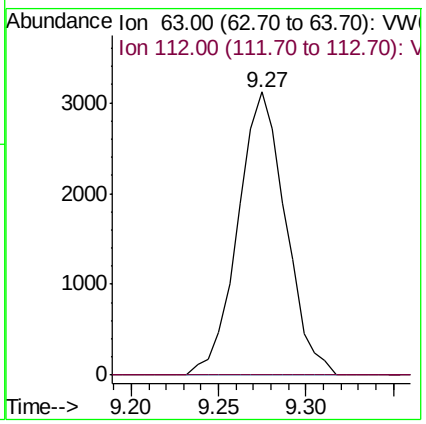


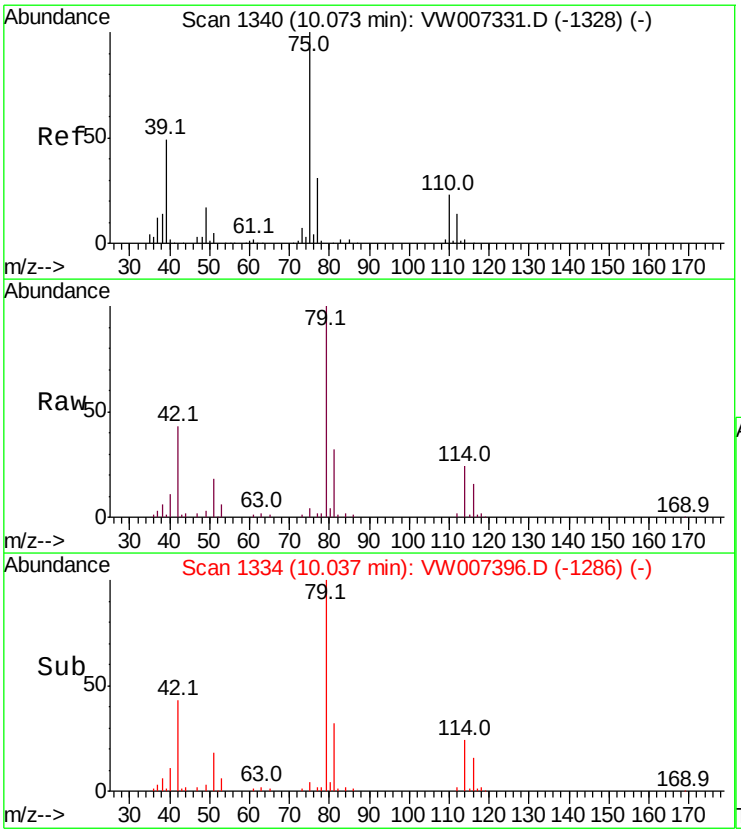
#40
1,2-Dichloropropane
Concen: 3.565 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 5939

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

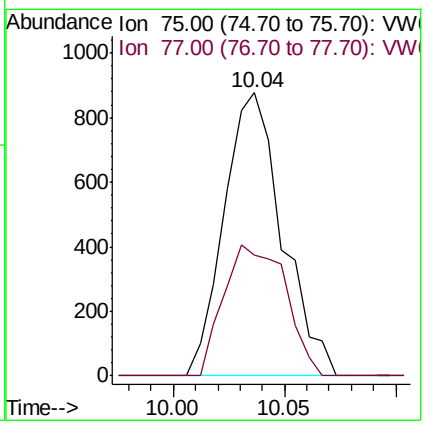


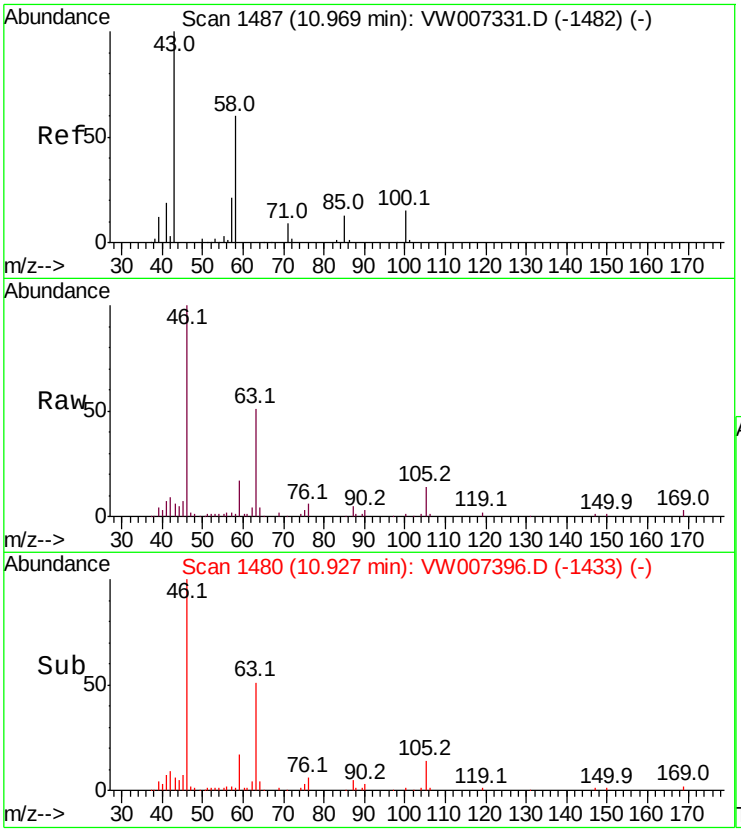


#42
cis-1,3-Dichloropropene
Concen: 0.572 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Tgt Ion: 75 Resp: 1600

Ion	Ratio	Lower	Upper
75	100		
77	42.8	23.0	42.6#





#49
2-Hexanone
Concen: 2.588 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007396.D
Acq: 11 Dec 2018 14:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2398

Ion	Ratio	Lower	Upper
43	100		
58	23.7	47.2	70.8#
57	23.0	17.6	26.4
100	5.8	12.2	18.2#