Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005737.D
Acq On : 01 Oct 2018 16:02
Operator : SY/AP
Sample : J5180-06
Misc : 5.47G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 02 05:45:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	172462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	170067	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	76283	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	33120	15.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.24%			
7) Chloroethane-d5	2.89	69	29286	17.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.28%			
10) 1,1-Dichloroethene-d2	4.01	63	60293	12.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.24%			
20) 2-Butanone-d5	7.09	46	40774	57.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.54%			
24) Chloroform-d	7.65	84	97416	21.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.96%			
26) 1,2-Dichloroethane-d4	8.31	65	64986	24.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
29) Benzene-d6	8.28	84	166422	19.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.08%			
33) 1,2-Dichloropropane-d6	9.28	67	54624	22.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.80%			
37) Toluene-d8	10.33	98	149345	17.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.88%			
38) trans-1,3-Dichloropropene-	10.59	79	25674	20.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.36%			
39) 2-Hexanone-d5	10.93	63	29892	52.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.92%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	61809	26.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.60%			
61) 1,2-Dichlorobenzene-d4	13.86	152	61339	22.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.92%			
Target Compounds						Qvalue
13) Acetone	4.14	43	1738	2.365	ug/L	67
16) Methylene chloride	4.91	84	4449	1.565	ug/L	95
35) Trichloroethene	8.85	95	5423	2.109	ug/L #	5
36) Methylcyclohexane	9.28	83	14156	3.167	ug/L #	19
40) 1,2-Dichloropropane	9.28	63	6755	2.885	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1760	0.455	ug/L #	61
49) 2-Hexanone	10.93	43	4257	3.173	ug/L #	70

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

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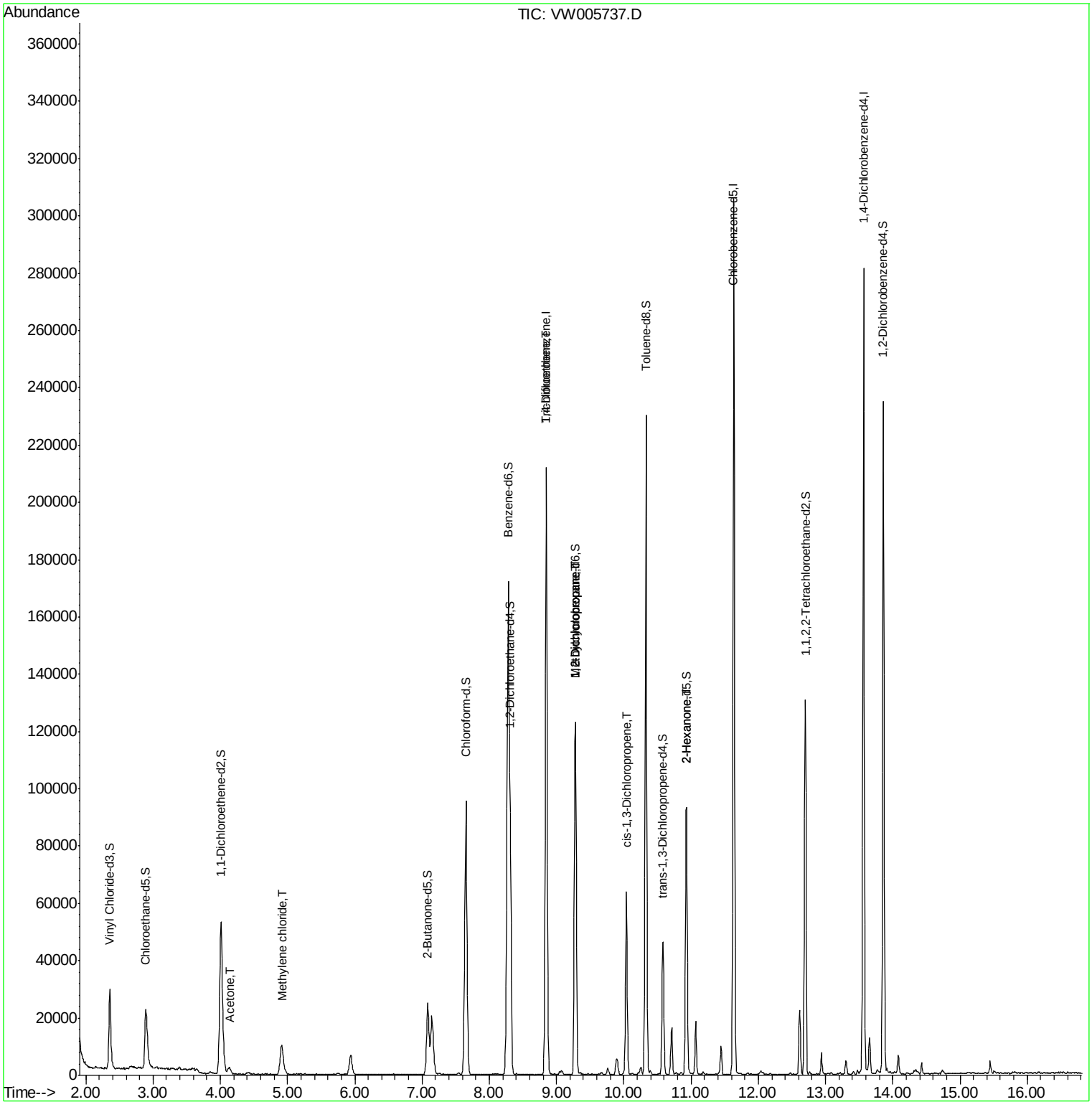
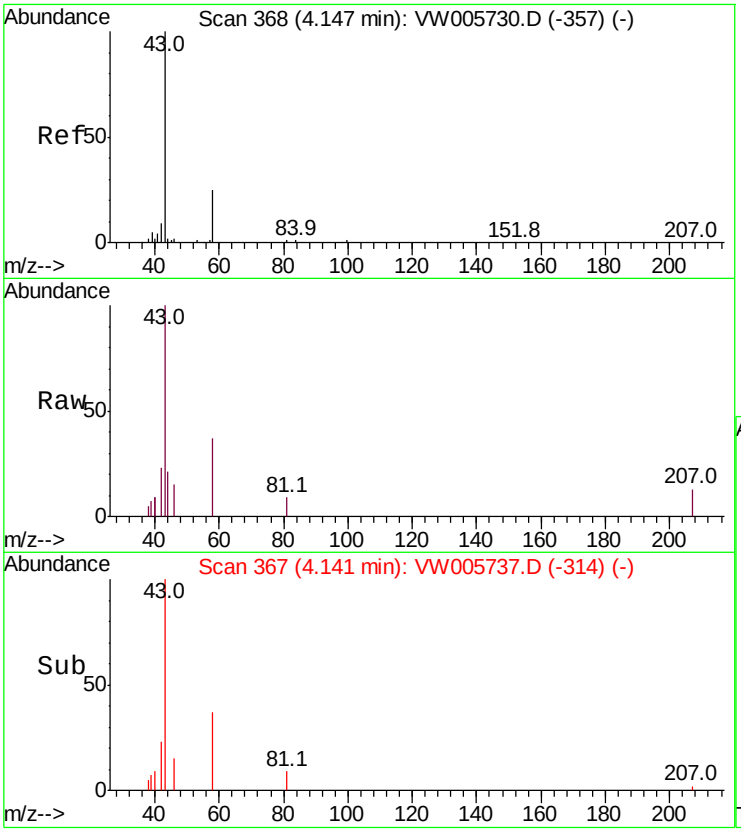


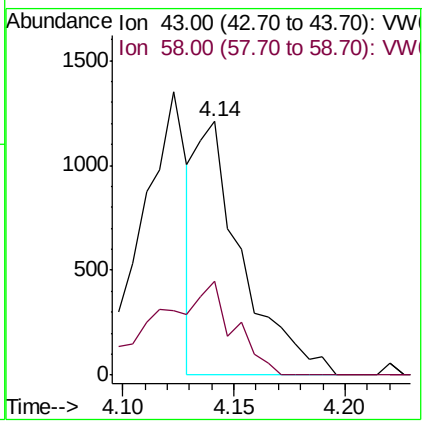


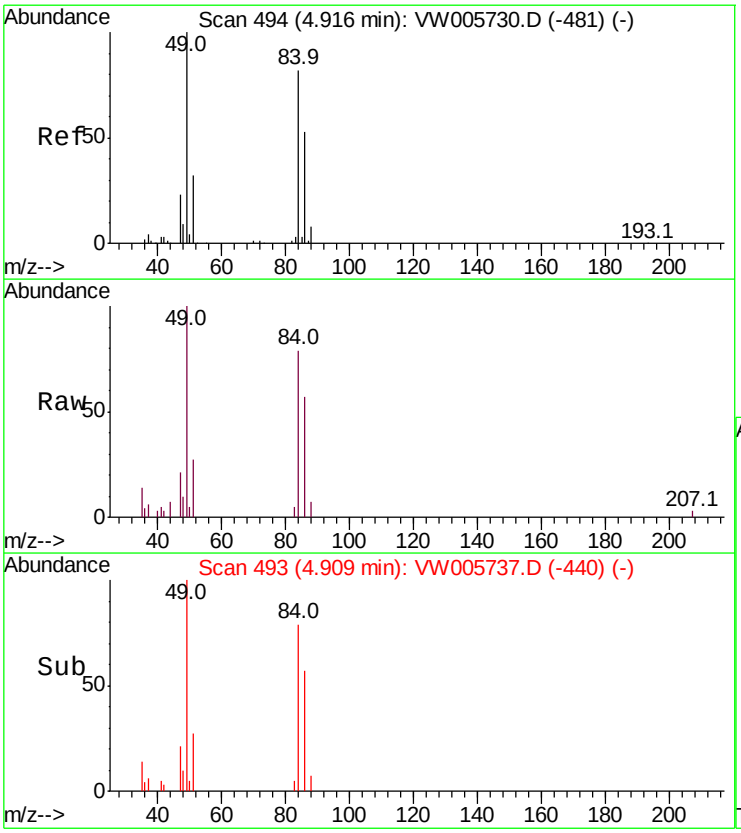
#13
Acetone
Concen: 2.365 ug/L
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1738

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	31.8

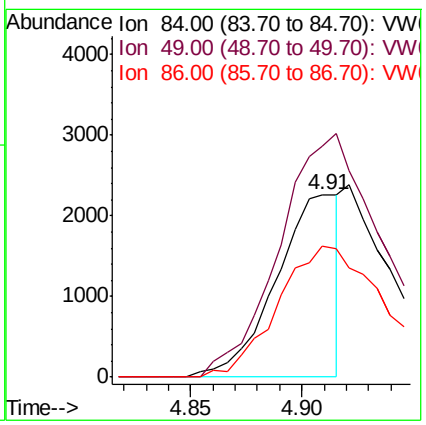


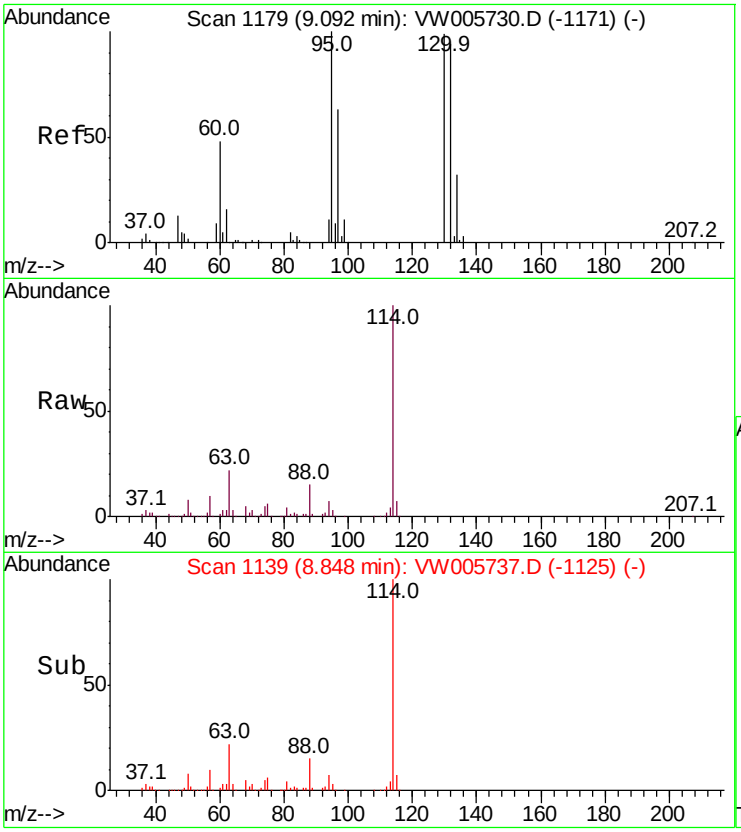


#16
Methylene chloride
Concen: 1.565 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Tgt Ion: 84 Resp: 4449

Ion	Ratio	Lower	Upper
84	100		
49	126.2	87.2	162.0
86	72.0	43.2	80.2



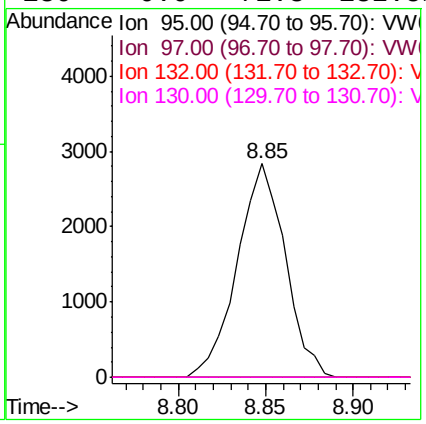


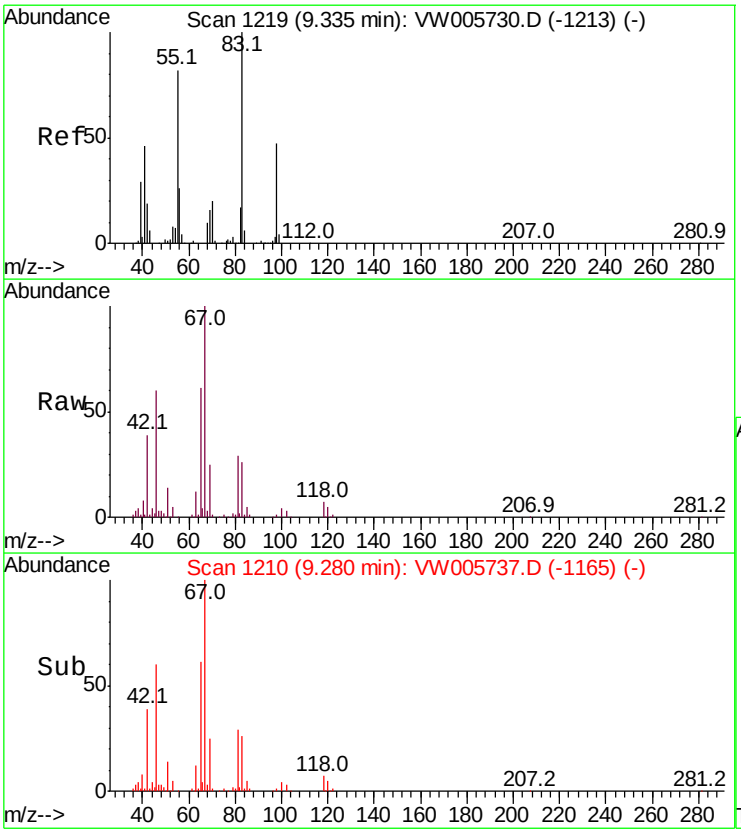
#35
Trichloroethene
Concen: 2.109 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 5423

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.0	68.0	126.4#
130	0.0	71.3	132.5#

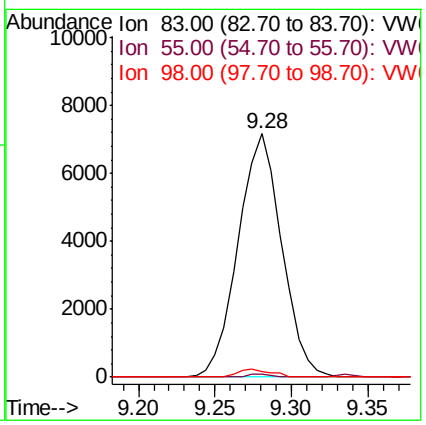


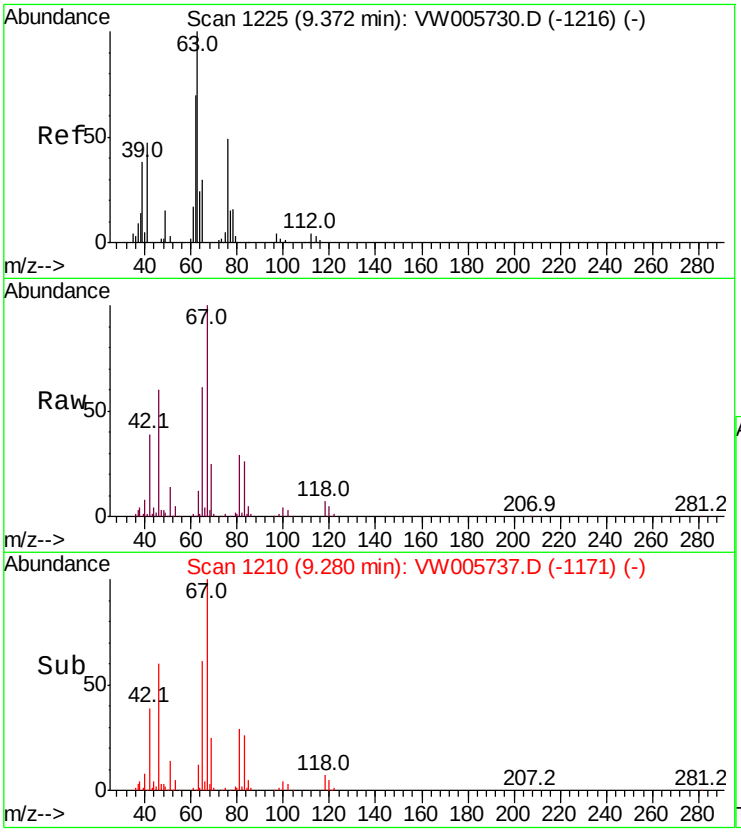


#36
Methylcyclohexane
Concen: 3.167 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Tgt Ion: 83 Resp: 14156

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.5	93.7#
98	2.5	37.7	56.5#



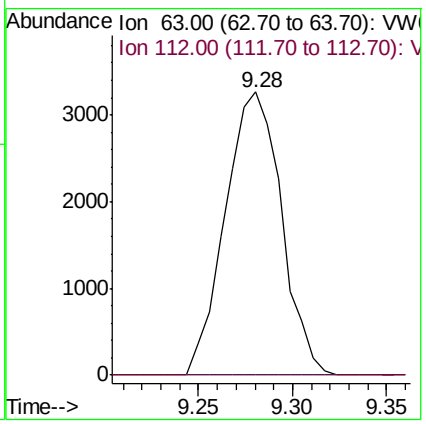


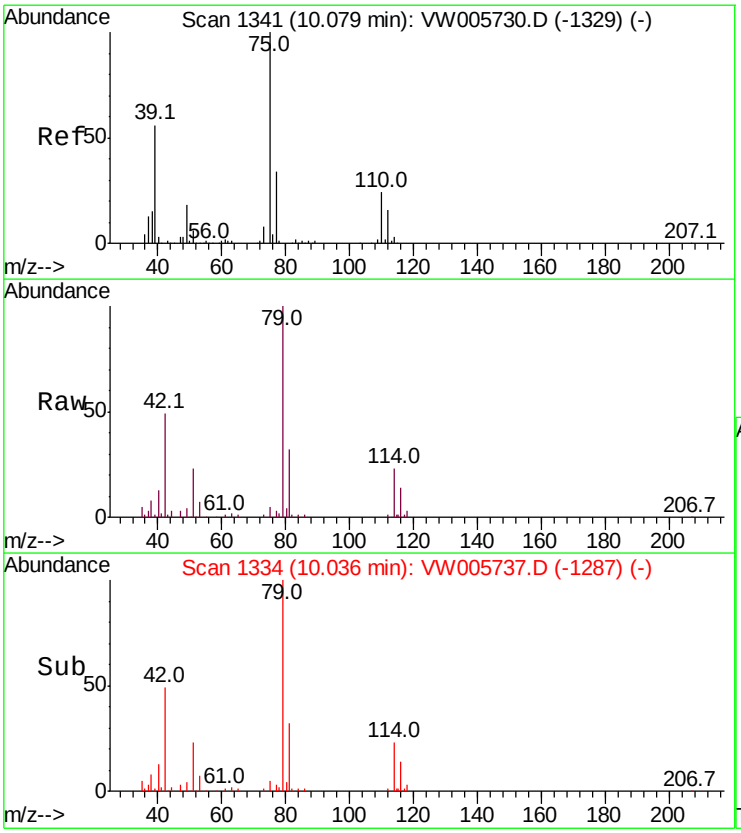
#40
1,2-Dichloropropane
Concen: 2.885 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 6755

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

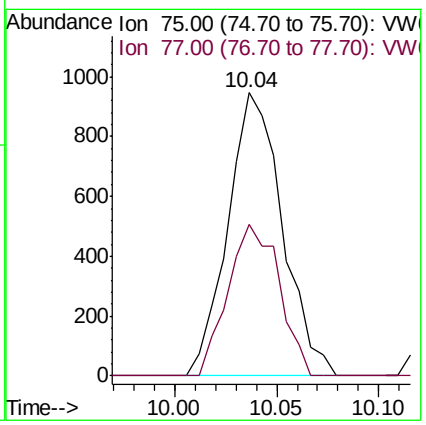


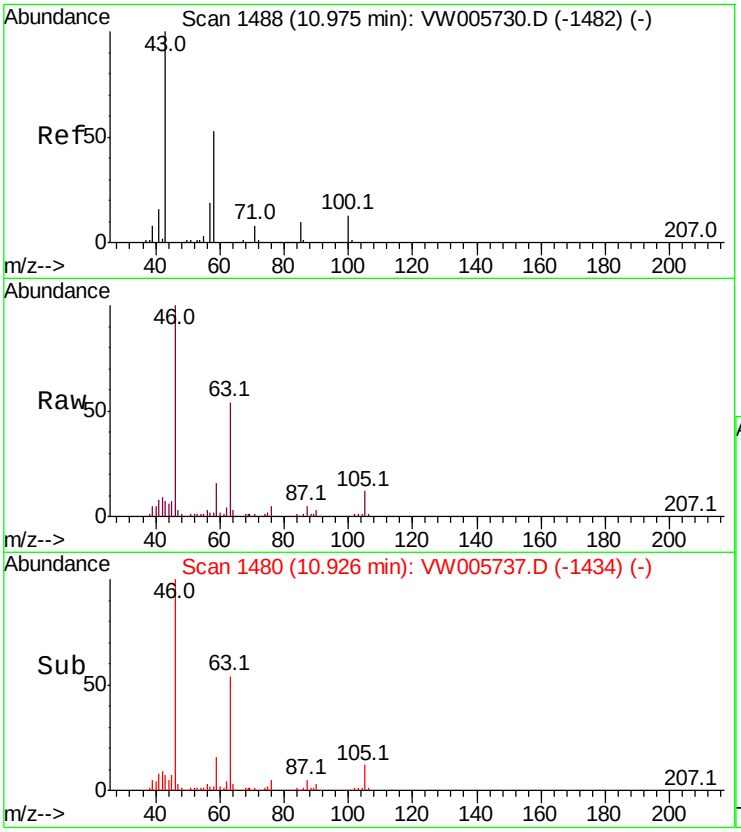


#42
cis-1,3-Dichloropropene
Concen: 0.455 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Tgt Ion: 75 Resp: 1760

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.3	41.3#





#49
2-Hexanone
Concen: 3.173 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.05 min
Lab File: VW005737.D
Acq: 01 Oct 2018 16:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 4257

Ion	Ratio	Lower	Upper
43	100		
58	29.1	42.0	63.0#
57	31.1	15.7	23.5#
100	1.6	9.7	14.5#