Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073119\

Quantitation Report (Not Reviewed)

Data File : VW011585.D
Acq On : 31 Jul 2019 14:19
Operator : SY/VA
Sample : K4070-17
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB9E8

Quant Time: Aug 01 05:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 05:20:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	22313	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	17095	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3522	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	8675	27.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.44%			
7) Chloroethane-d5	2.89	69	8580	37.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 151.64%#			
10) 1,1-Dichloroethene-d2	4.02	63	15187	21.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.32%			
20) 2-Butanone-d5	7.09	46	4050	28.63	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.26%			
24) Chloroform-d	7.65	84	14780	24.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.48%			
26) 1,2-Dichloroethane-d4	8.31	65	8208	22.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.52%			
29) Benzene-d6	8.27	84	30737	28.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.36%			
33) 1,2-Dichloropropane-d6	9.27	67	9247	26.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.60%			
37) Toluene-d8	10.32	98	23656	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.16%			
38) trans-1,3-Dichloropropene-	10.59	79	2844	18.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.80%			
39) 2-Hexanone-d5	10.93	63	2320	28.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	5882	20.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.64%			
61) 1,2-Dichlorobenzene-d4	13.85	152	4076	30.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 120.12%#			
Target Compounds						Qvalue
13) Acetone	4.13	43	1041	6.870	ug/L	66
21) 2-Butanone	7.16	43	221	1.163	ug/L #	55
35) Trichloroethene	8.85	95	264	0.868	ug/L #	14
36) Methylcyclohexane	9.27	83	2323	4.210	ug/L #	14
40) 1,2-Dichloropropane	9.28	63	1017	3.180	ug/L #	88
63) 1,3-Dichlorobenzene	13.51	146	226	0.945	ug/L	81
64) 1,4-Dichlorobenzene	13.51	146	226	0.941	ug/L	80
67) 1,3,5-Trichlorobenzene	14.63	180	191	1.086	ug/L #	62

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

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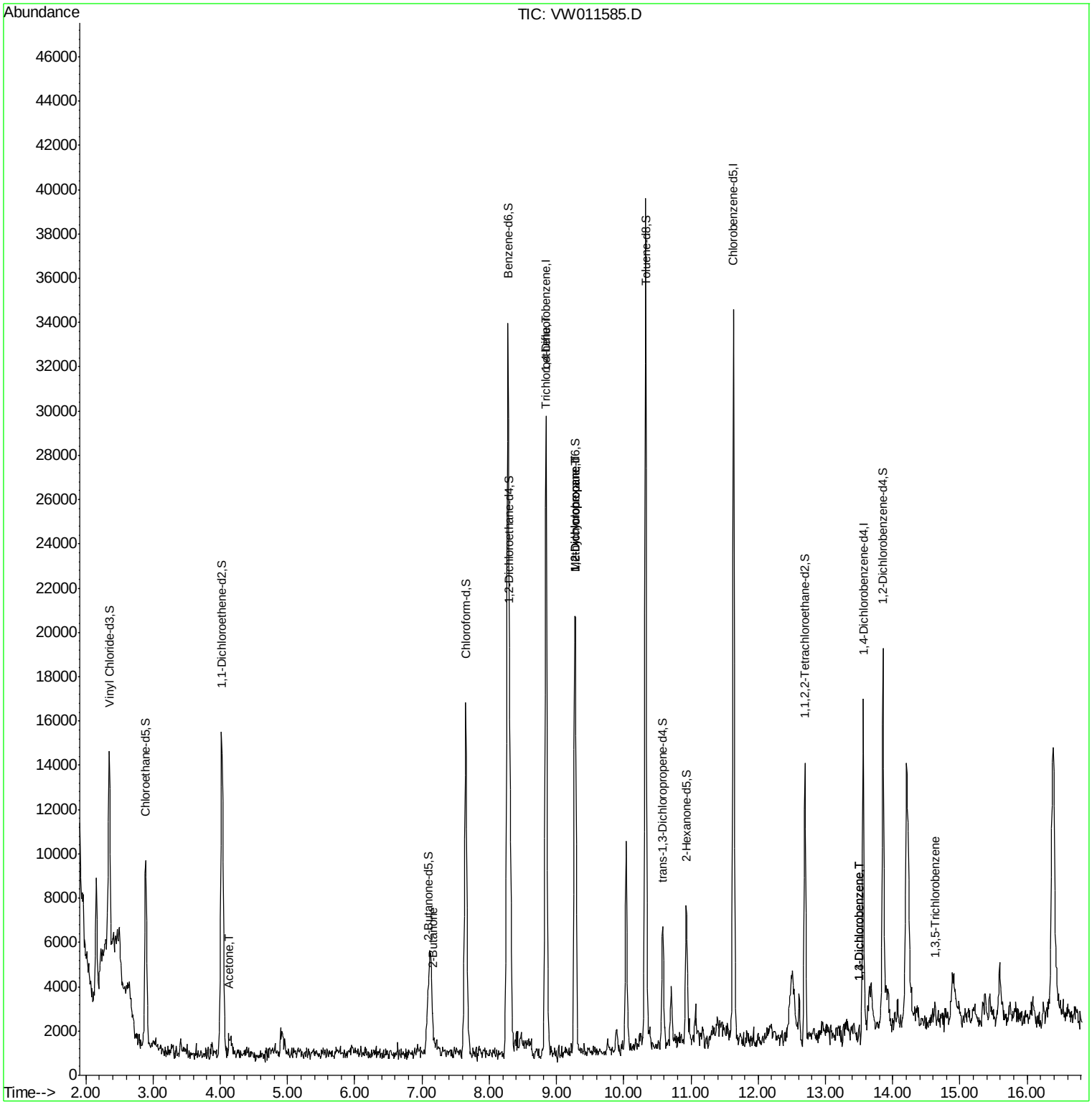
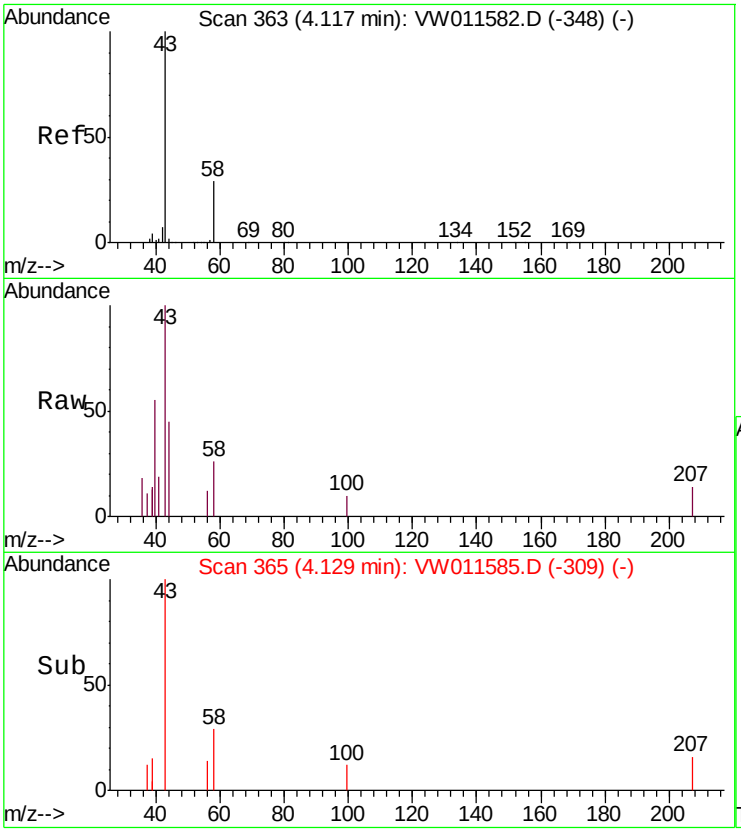
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 05:20:41 2019
Response via : Initial Calibration



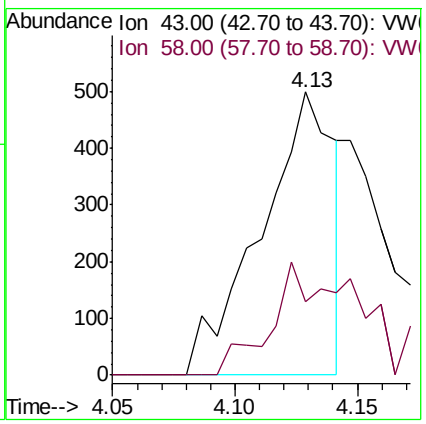


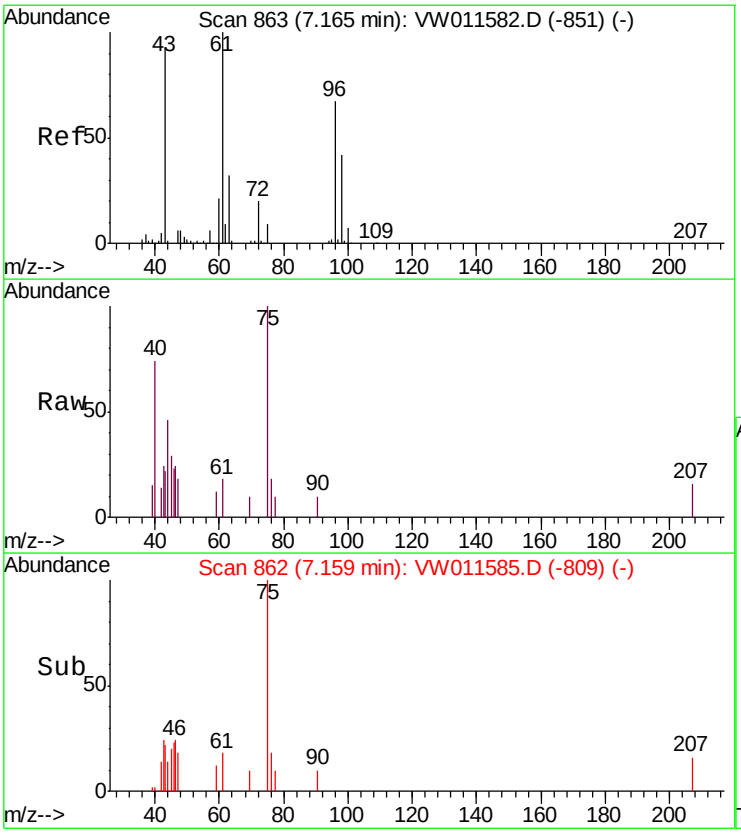
#13
Acetone
Concen: 6.870 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Instrument : MSVOA_W
ClientSampleId : DB9E8

Tgt Ion: 43 Resp: 1041

Ion	Ratio	Lower	Upper
43	100		
58	9.2	0.0	53.4

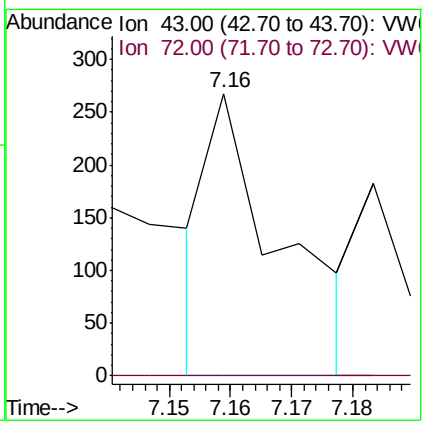


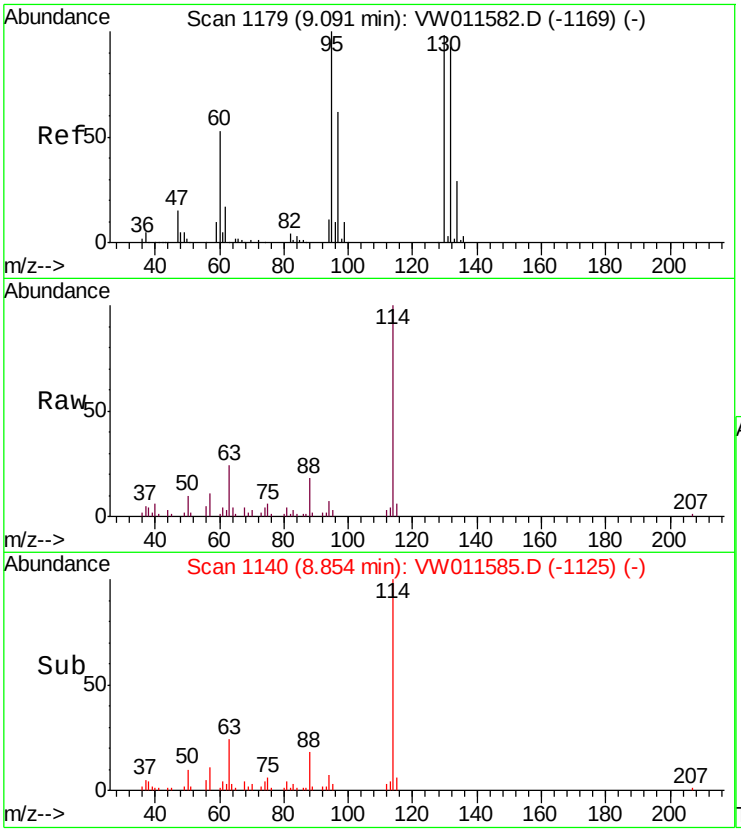


#21
2-Butanone
Concen: 1.163 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Tgt Ion: 43 Resp: 221

Ion	Ratio	Lower	Upper
43	100		
72	0.0	10.7	32.1#



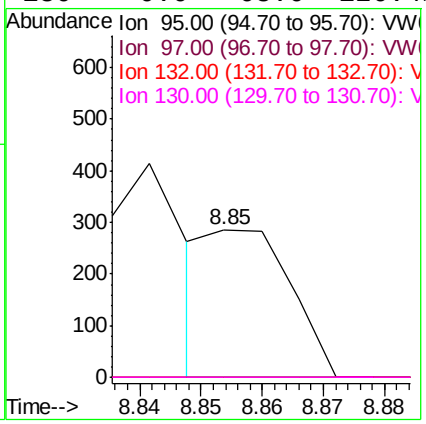


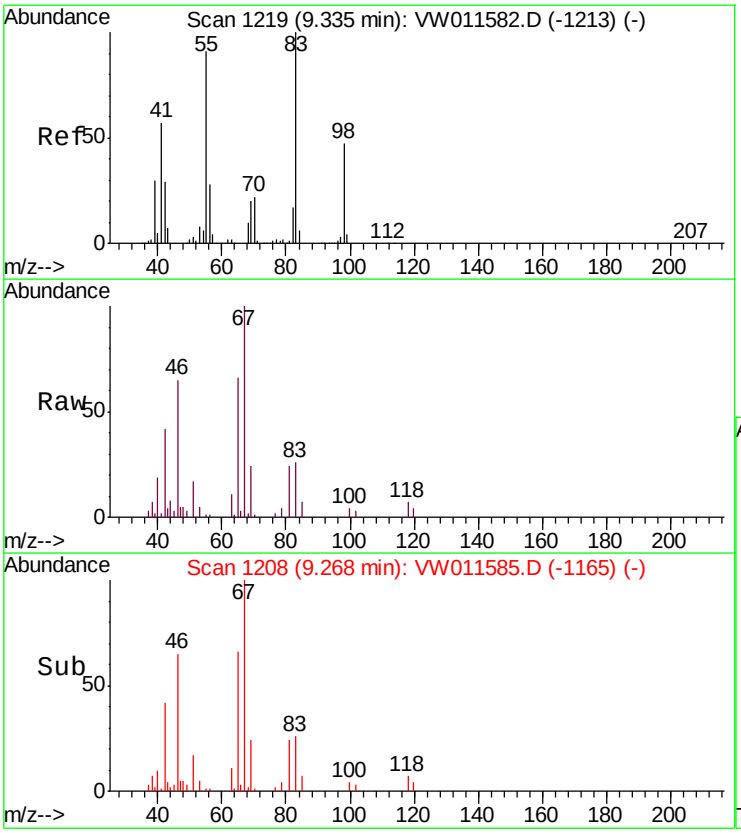
#35
Trichloroethene
Concen: 0.868 ug/L
RT: 8.85 min Scan# 1140
Delta R.T. -0.24 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Instrument : MSVOA_W
ClientSampleId : DB9E8

Tgt Ion: 95 Resp: 264

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.8	83.2#
132	19.7	65.0	120.6#
130	0.0	68.0	126.4#

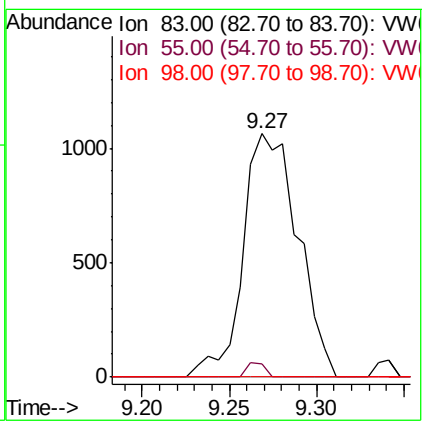


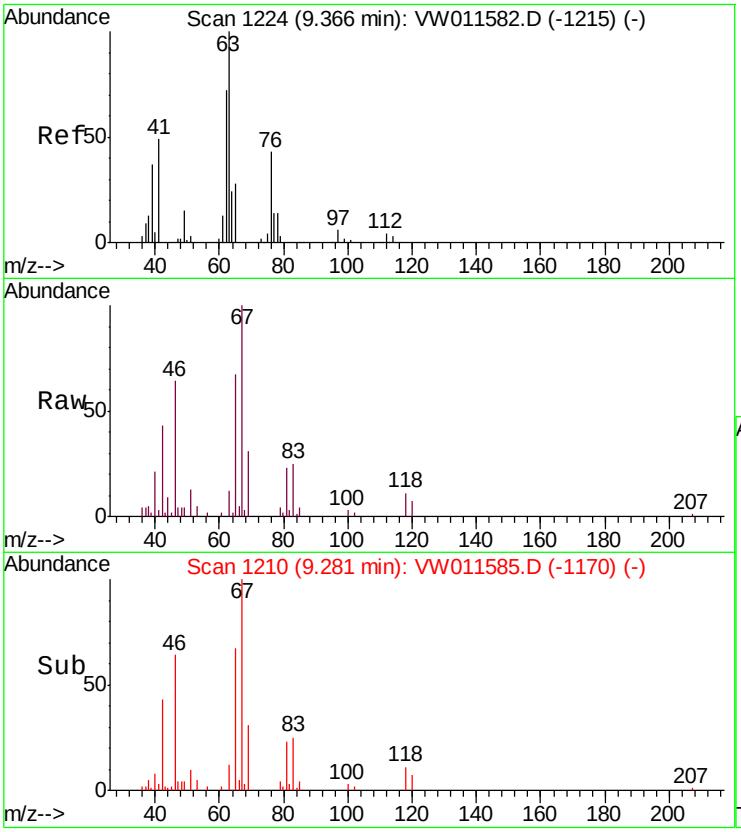


#36
Methylcyclohexane
Concen: 4.210 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Tgt Ion: 83 Resp: 2323

Ion	Ratio	Lower	Upper
83	100		
55	1.9	72.6	108.8#
98	0.0	37.8	56.6#



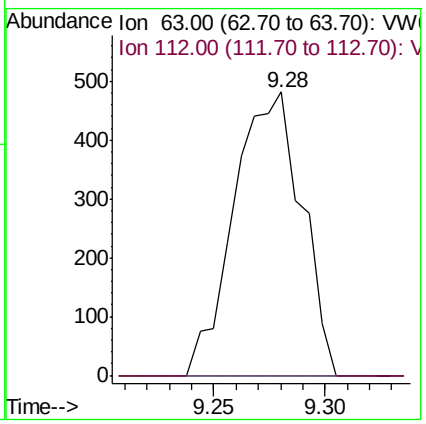


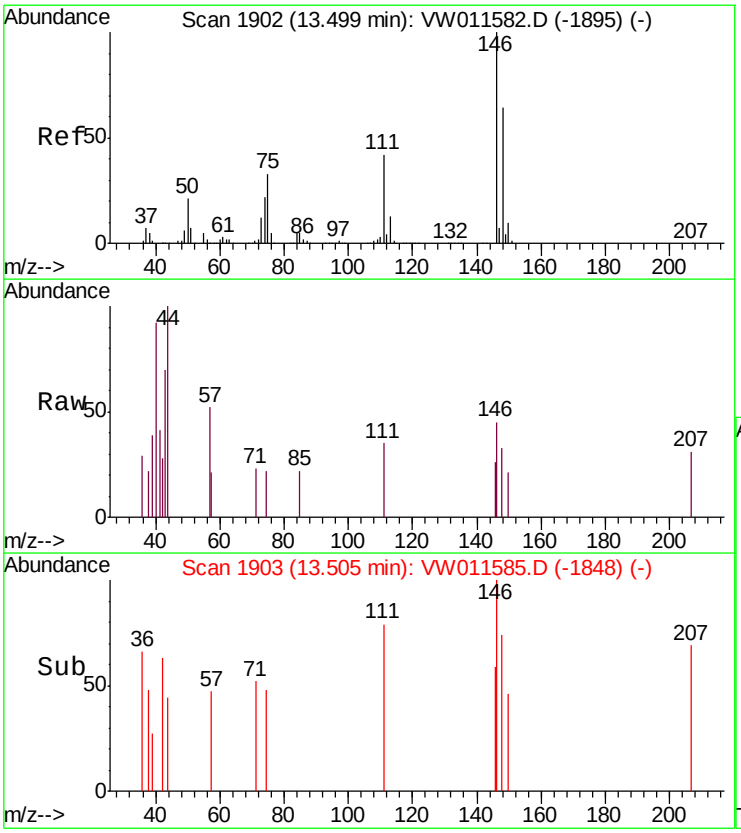
#40
1,2-Dichloropropane
Concen: 3.180 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Instrument : MSVOA_W
ClientSampleId : DB9E8

Tgt Ion: 63 Resp: 1017

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

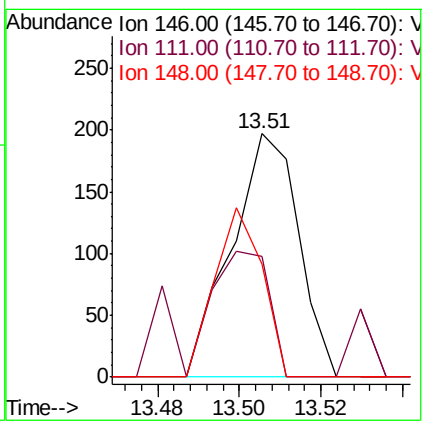


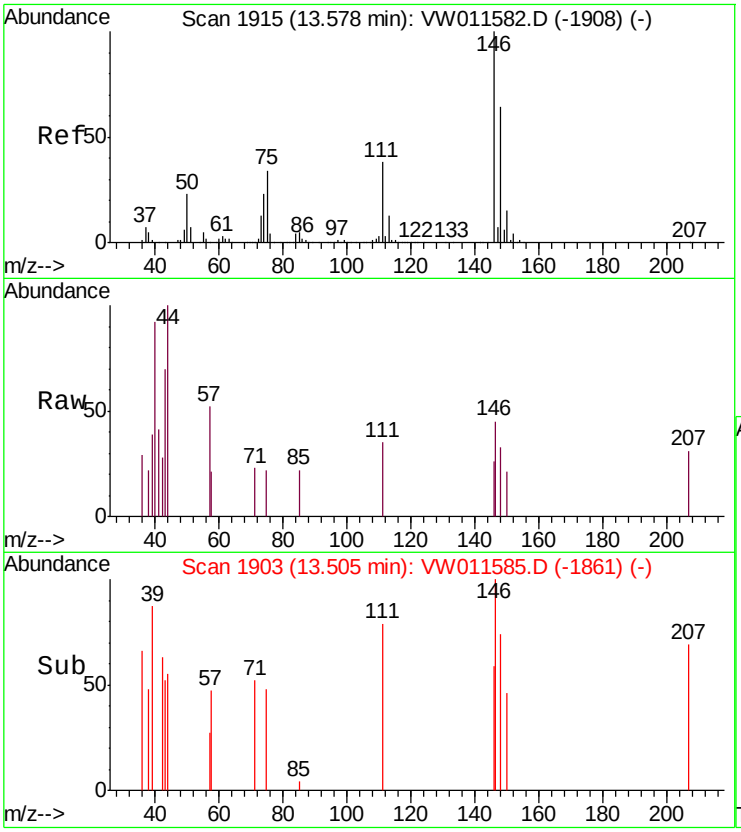


#63
1,3-Dichlorobenzene
Concen: 0.945 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Tgt Ion:146 Resp: 226

Ion	Ratio	Lower	Upper
146	100		
111	49.7	28.6	53.2
148	46.7	44.4	82.5



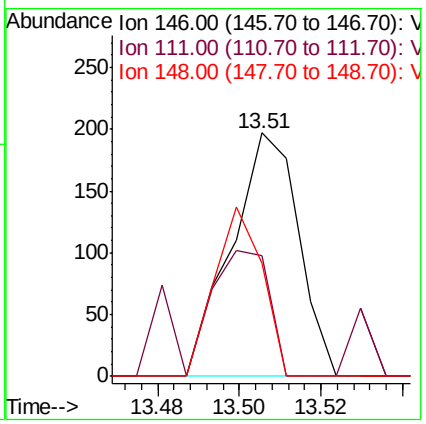


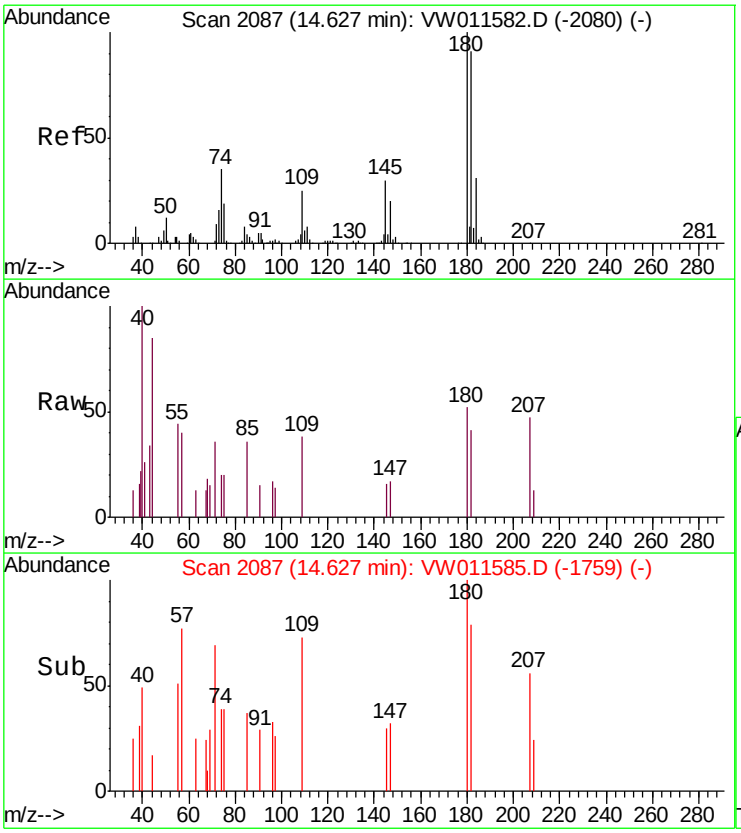
#64
1,4-Dichlorobenzene
Concen: 0.941 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. -0.07 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Instrument : MSVOA_W
ClientSampleId : DB9E8

Tgt Ion:146 Resp: 226

Ion	Ratio	Lower	Upper
146	100		
111	49.7	27.4	51.0
148	46.7	44.4	82.5





#67
1,3,5-Trichlorobenzene
Concen: 1.086 ug/L
RT: 14.63 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VW011585.D
Acq: 31 Jul 2019 14:19

Tgt Ion:180 Resp: 191

Ion	Ratio	Lower	Upper
180	100		
182	122.0	75.9	113.9#
184	0.0	24.2	36.2#
145	0.0	23.0	34.6#