Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111819\

Quantitation Report (Not Reviewed)

Data File : VW014065.D
Acq On : 18 Nov 2019 16:40
Operator : SY/VA
Sample : K5810-14
Misc : 5.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLS1

Quant Time: Nov 19 07:25:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	289420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	241861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	86617	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	99246	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.96%			
7) Chloroethane-d5	2.89	69	92077	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.40%			
10) 1,1-Dichloroethene-d2	4.02	63	158136	16.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.76%			
20) 2-Butanone-d5	7.07	46	73431	54.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.48%			
24) Chloroform-d	7.65	84	245817	27.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.48%			
26) 1,2-Dichloroethane-d4	8.31	65	127116	28.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.64%			
29) Benzene-d6	8.27	84	505455	29.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 117.80%			
33) 1,2-Dichloropropane-d6	9.27	67	156558	31.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.56%#			
37) Toluene-d8	10.32	98	425315	26.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.56%			
38) trans-1,3-Dichloropropene-	10.57	79	52010	24.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.64%			
39) 2-Hexanone-d5	10.92	63	54279	56.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.88%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114786	30.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.96%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	99195	28.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.00%			

Target Compounds						Qvalue
25) Chloroform	7.66	83	5051	0.599	ug/L	83
35) Trichloroethene	8.84	95	8325	1.759	ug/L #	3
36) Methylcyclohexane	9.27	83	38744	4.566	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	16466	3.856	ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3378	0.501	ug/L #	41
47) Tetrachloroethene	10.86	164	7948	1.884	ug/L	94
49) 2-Hexanone	10.92	43	7474	3.677	ug/L #	65
50) Dibromochloromethane	10.86	129	7058	1.914	ug/L #	10

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

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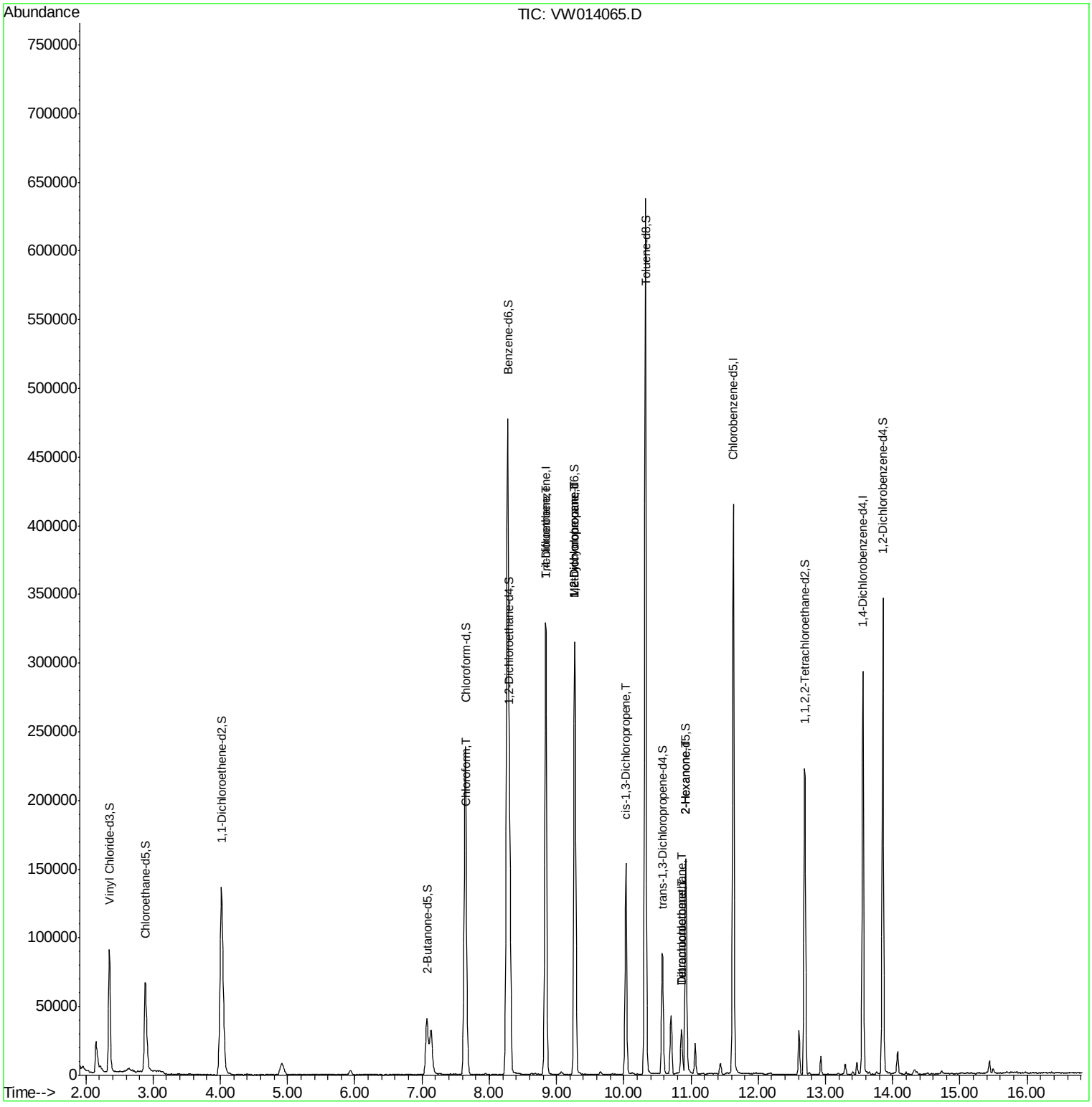
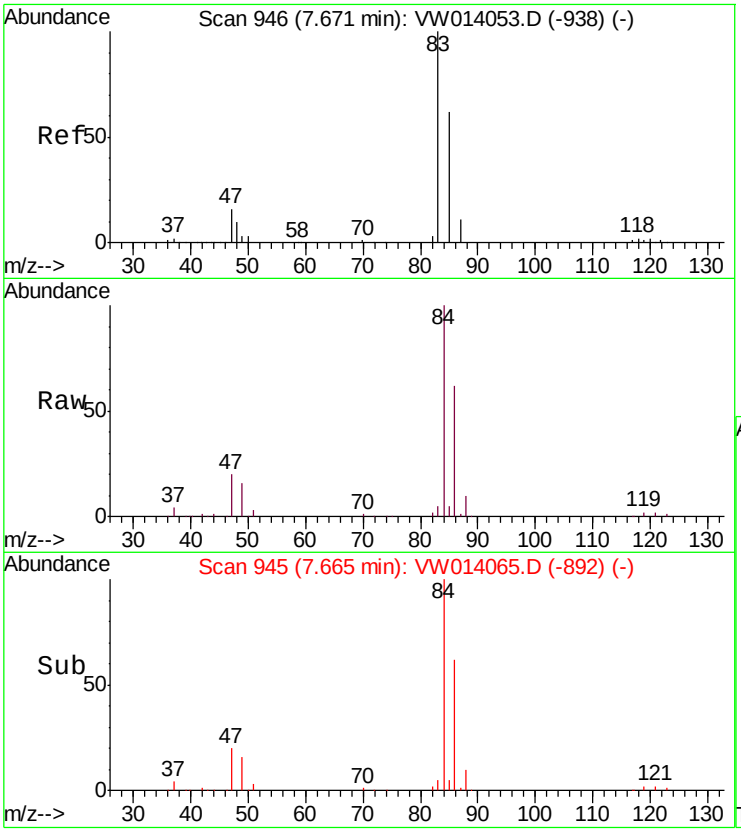
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration



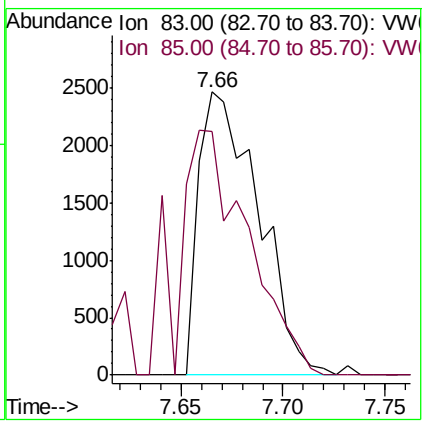


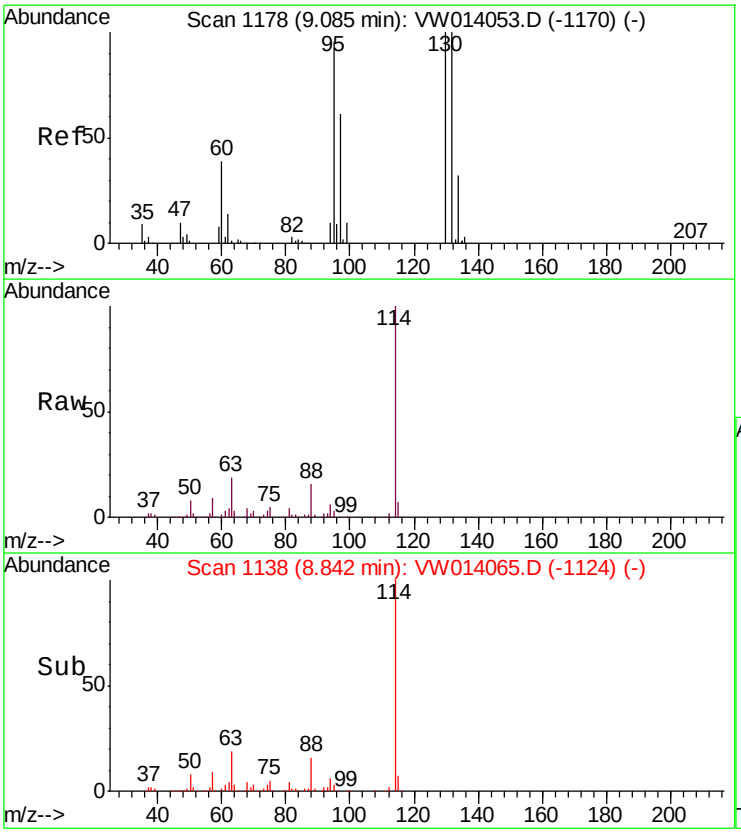
#25
Chloroform
Concen: 0.599 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Instrument :
MSVOA_W
ClientSampleId :
BFLS1

Tgt Ion: 83 Resp: 5051

Ion	Ratio	Lower	Upper
83	100		
85	52.5	46.1	85.7

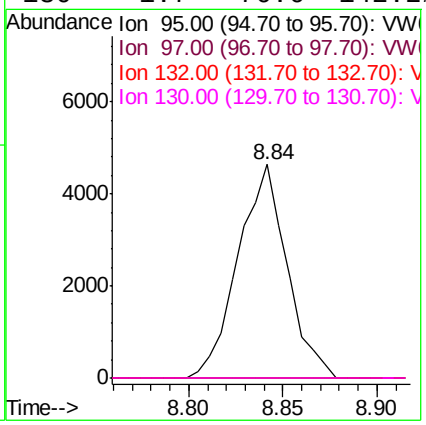


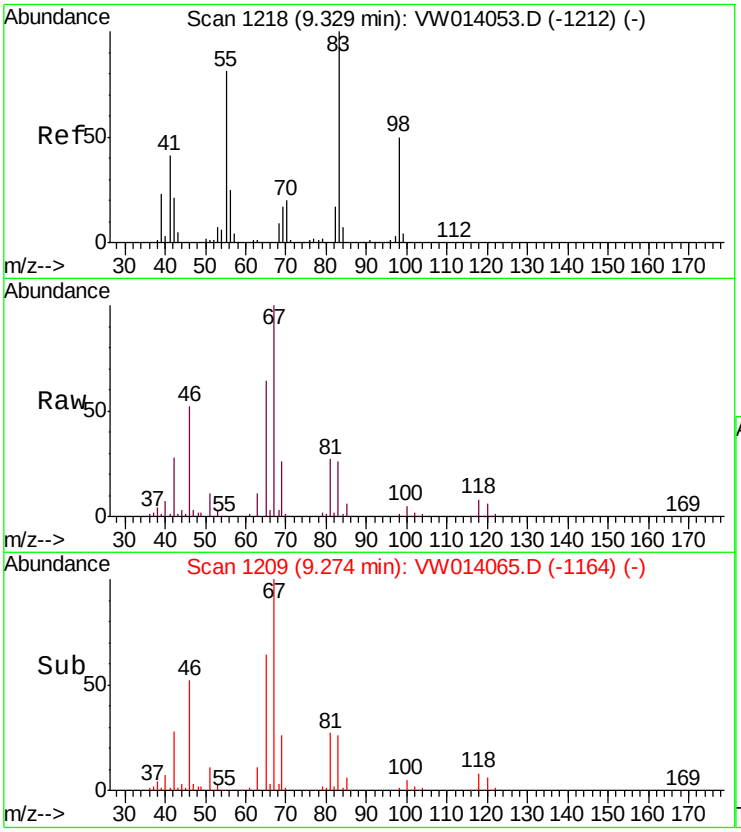


#35
Trichloroethene
Concen: 1.759 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Tgt Ion: 95 Resp: 8325

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	1.0	73.7	136.9#
130	1.7	76.6	142.2#



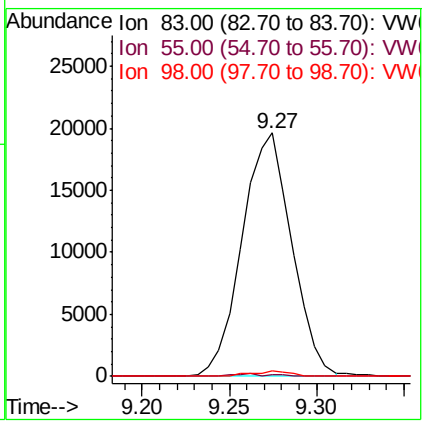


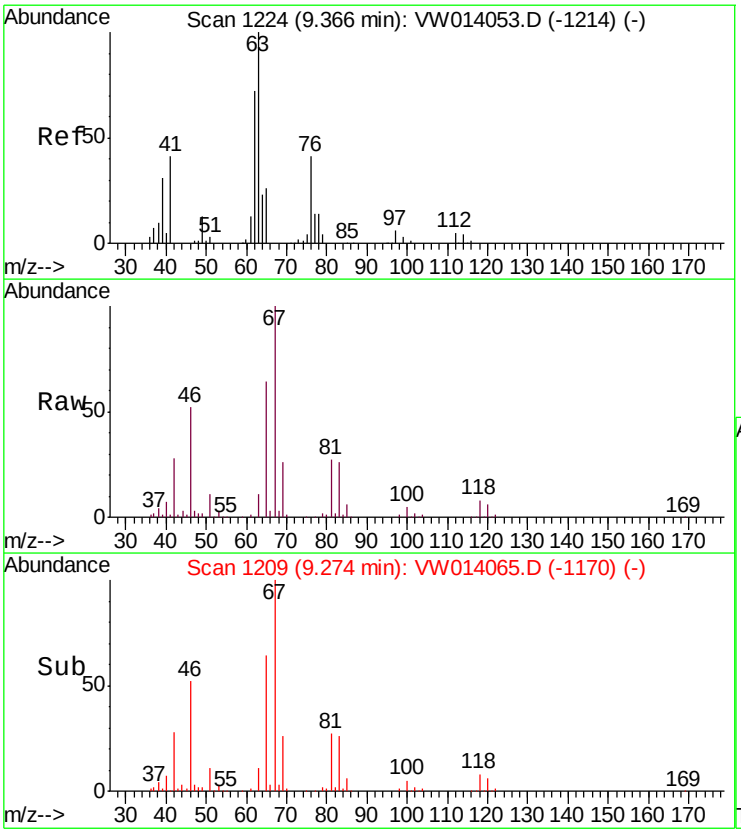
#36
Methylcyclohexane
Concen: 4.566 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Instrument :
MSVOA_W
ClientSampleId :
BFLS1

Tgt Ion: 83 Resp: 38744

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.8	89.8#
98	1.2	39.5	59.3#

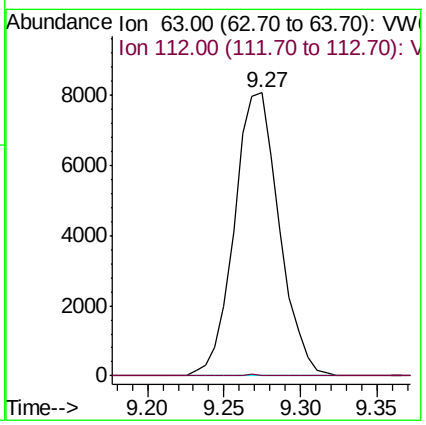


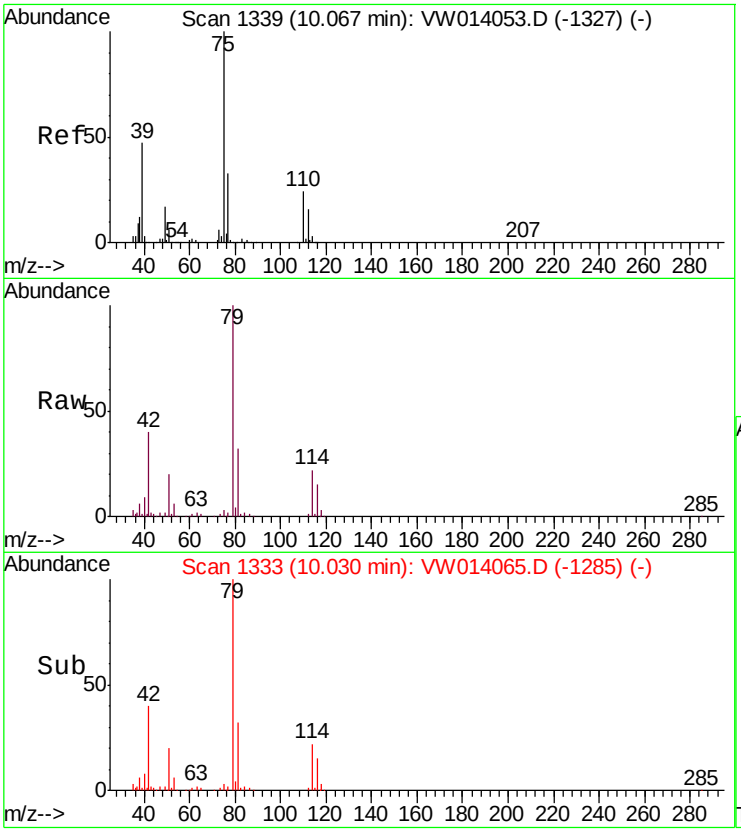


#40
1,2-Dichloropropane
Concen: 3.856 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Tgt Ion: 63 Resp: 16466

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



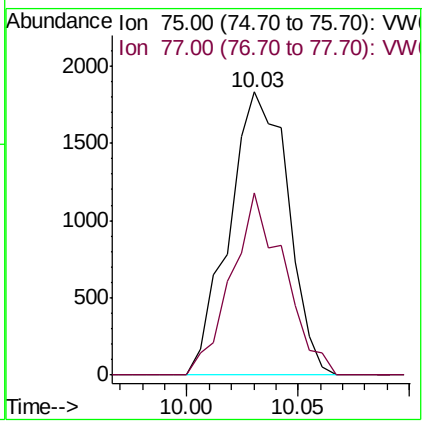


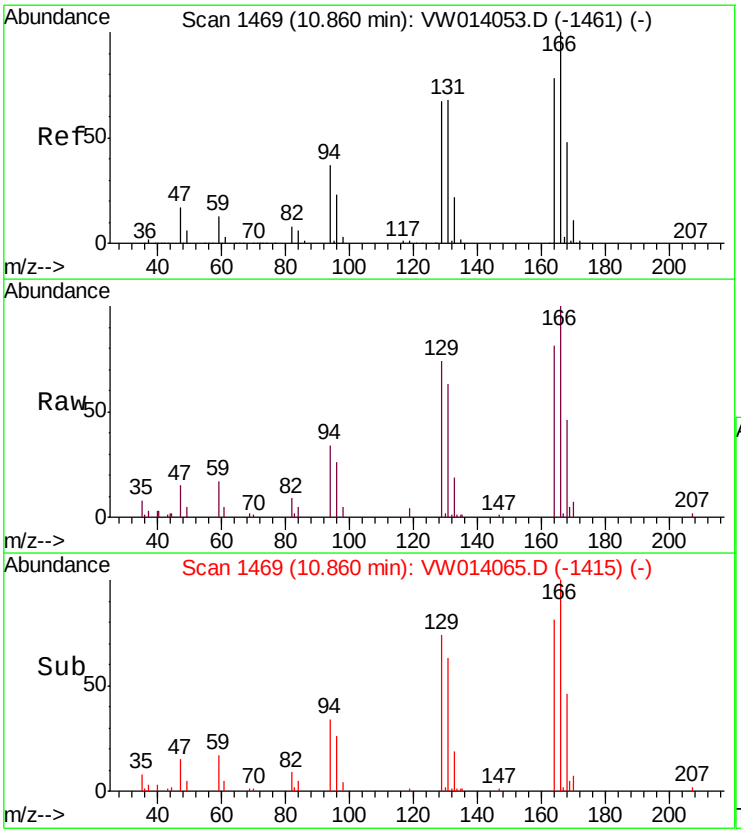
#42
cis-1,3-Dichloropropene
Concen: 0.501 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Instrument : MSVOA_W
ClientSampleId : BFLS1

Tgt Ion: 75 Resp: 3378

Ion	Ratio	Lower	Upper
75	100		
77	64.4	22.1	41.1#

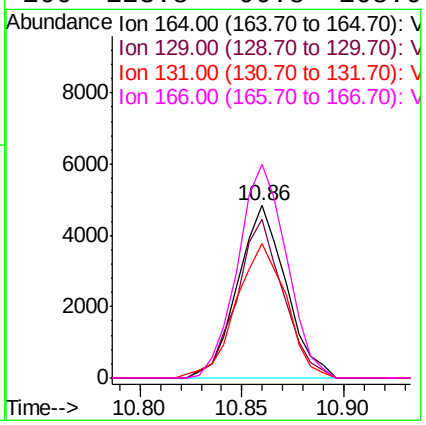


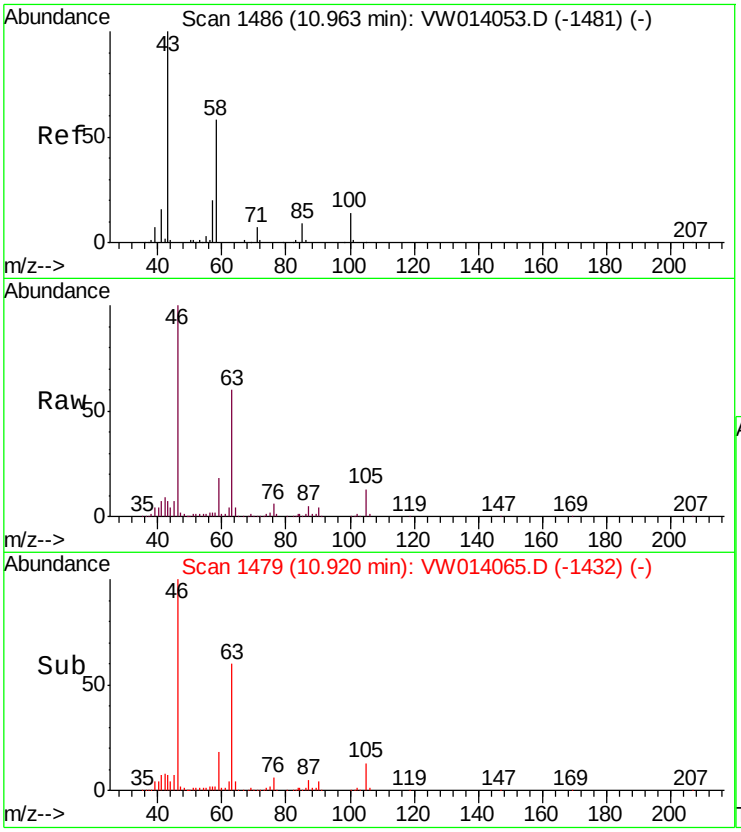


#47
Tetrachloroethene
Concen: 1.884 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Tgt Ion:164 Resp: 7948

Ion	Ratio	Lower	Upper
164	100		
129	92.2	60.6	112.6
131	77.9	59.1	109.7
166	123.8	90.8	168.6



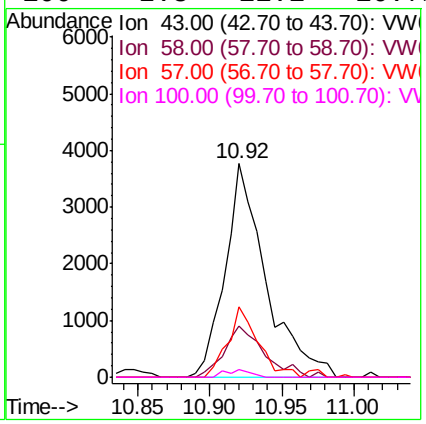


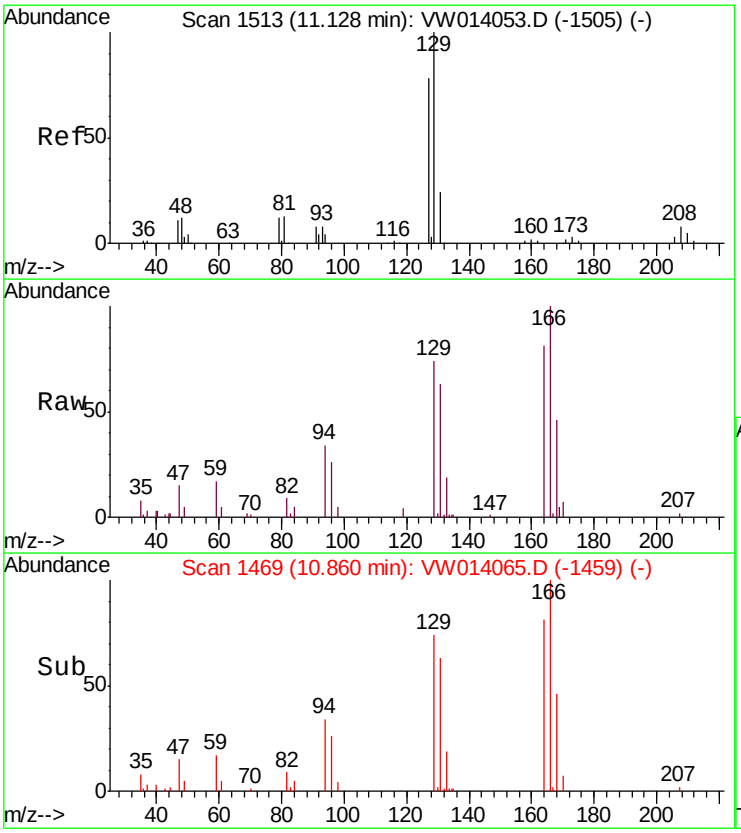
#49
2-Hexanone
Concen: 3.677 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Instrument : MSVOA_W
ClientSampleId : BFLS1

Tgt Ion: 43 Resp: 7474

Ion	Ratio	Lower	Upper
43	100		
58	21.4	44.4	66.6#
57	23.1	16.5	24.7
100	2.3	11.1	16.7#





#50
Dibromochloromethane
Concen: 1.914 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW014065.D
Acq: 18 Nov 2019 16:40

Tgt Ion:129 Resp: 7058

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#