Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081920\

Quantitation Report (LSC Reviewed)

Data File : VW016254.D
Acq On : 19 Aug 2020 12:51
Operator : SY/VA
Sample : L3709-11
Misc : 6.63G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFWQ2

Quant Time: Aug 20 02:13:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 20 01:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116535	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	81068	16.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.56%			
7) Chloroethane-d5	2.89	69	66359	18.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.84%			
10) 1,1-Dichloroethene-d2	4.01	63	140520	13.78	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.12%			
20) 2-Butanone-d5	7.09	46	47095	37.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.56%			
24) Chloroform-d	7.65	84	214124	20.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.44%			
26) 1,2-Dichloroethane-d4	8.31	65	107692	19.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.04%			
29) Benzene-d6	8.27	84	411980	22.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.76%			
33) 1,2-Dichloropropane-d6	9.27	67	122065	22.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.44%			
37) Toluene-d8	10.33	98	358741	21.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.24%			
38) trans-1,3-Dichloropropene-	10.58	79	49681	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.92%			
39) 2-Hexanone-d5	10.93	63	42663	45.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96585	21.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.92%			
61) 1,2-Dichlorobenzene-d4	13.85	152	99921	24.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.76%			

Target Compounds						Qvalue
13) Acetone	4.13	43	5609	5.869	ug/L	89
16) Methylene chloride	4.91	84	10648	1.742	ug/L	90
47) Tetrachloroethene	10.87	164	222392	56.689	ug/L	95

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

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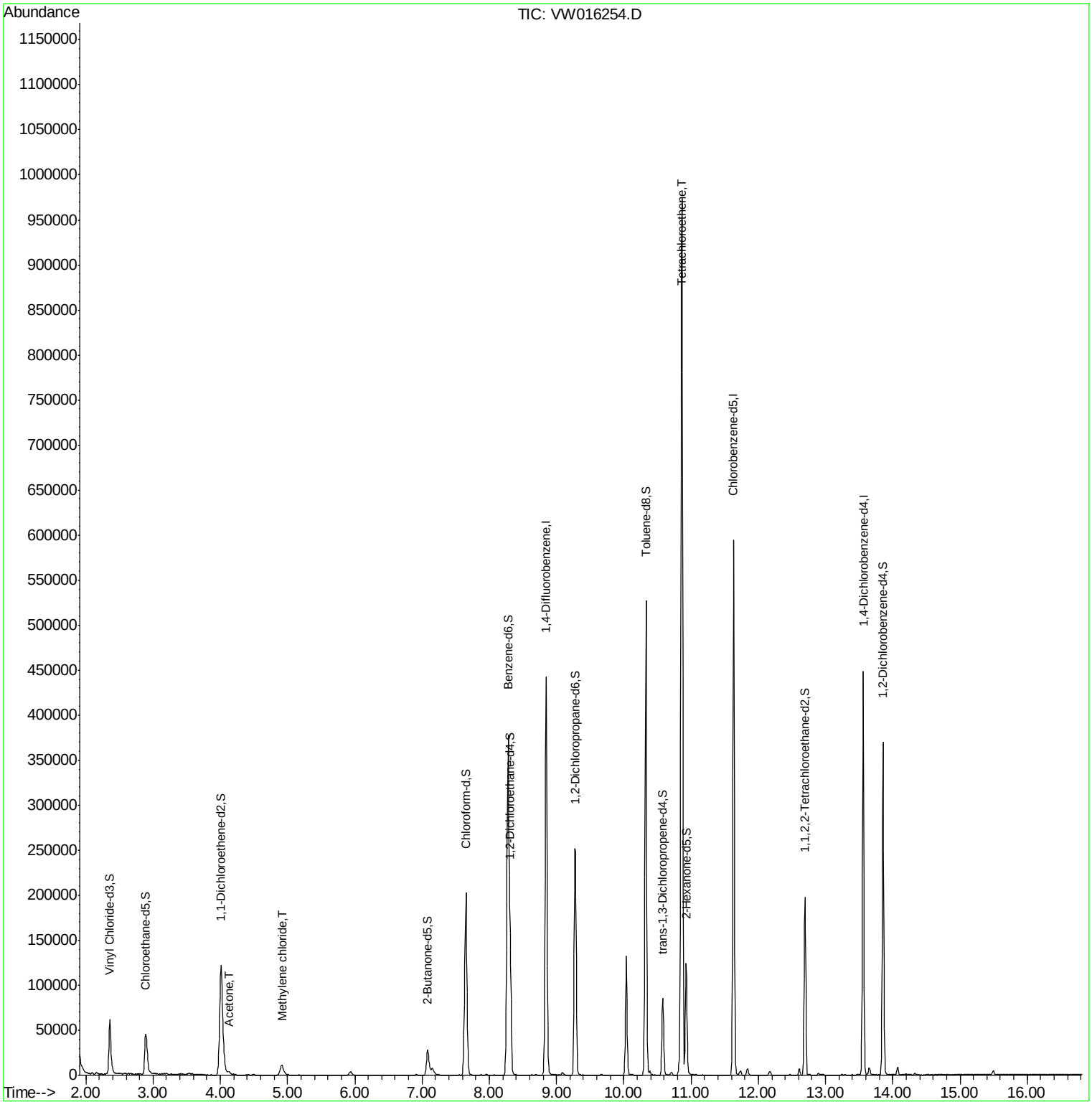
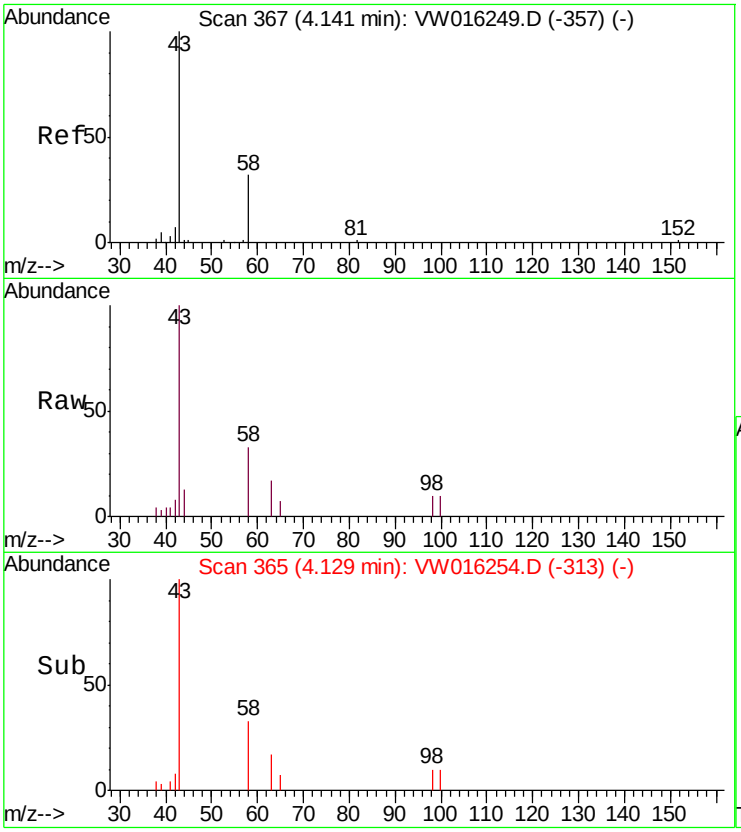


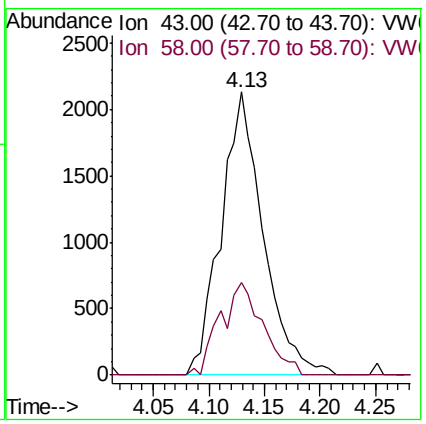


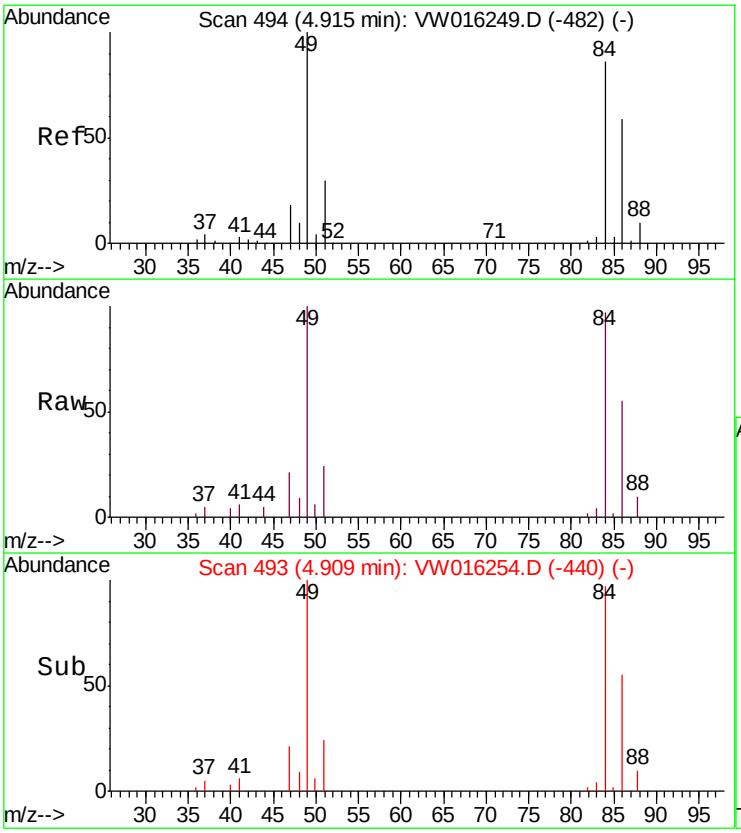
#13
Acetone
Concen: 5.869 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW016254.D
Acq: 19 Aug 2020 12:51

Instrument :
MSVOA_W
ClientSampleId :
BFWQ2

Tgt Ion: 43 Resp: 5609

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	59.4

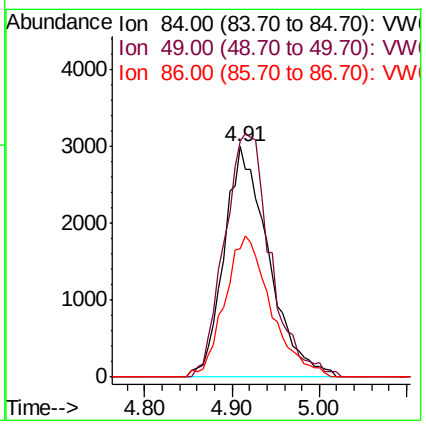


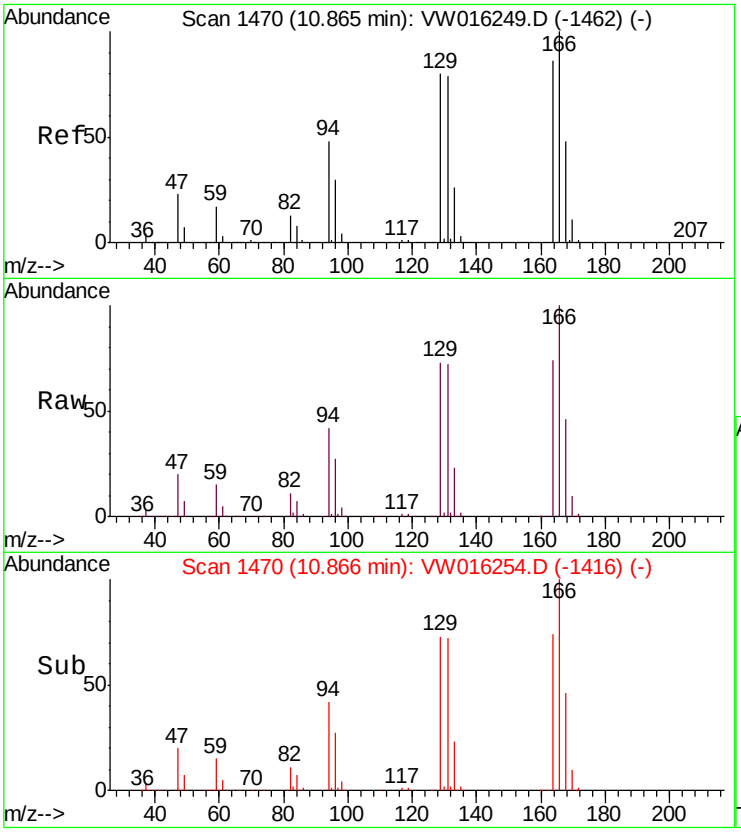


#16
Methylene chloride
Concen: 1.742 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016254.D
Acq: 19 Aug 2020 12:51

Tgt Ion: 84 Resp: 10648

Ion	Ratio	Lower	Upper
84	100		
49	102.6	80.4	149.4
86	56.0	43.8	81.3





#47
Tetrachloroethene
Concen: 56.689 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016254.D
Acq: 19 Aug 2020 12:51

Instrument :
MSVOA_W
ClientSampleId :
BFWQ2

Tgt Ion:164 Resp: 222392

Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.5	132.9
131	96.3	65.4	121.4
166	134.5	86.9	161.5