Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103018\
Data File : VW006449.D
Acq On : 29 Oct 2018 12:15
Operator : SY/AP
Sample : J5705-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40D6

Quant Time: Oct 30 05:06:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350628	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327365	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	176427	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	108005	27.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.24%			
7) Chloroethane-d5	2.89	69	95992	28.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.80%			
10) 1,1-Dichloroethene-d2	4.01	63	149907	19.74	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.96%			
20) 2-Butanone-d5	7.09	46	53986	41.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.38%			
24) Chloroform-d	7.65	84	191155	25.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.68%			
26) 1,2-Dichloroethane-d4	8.31	65	108564	25.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.36%			
29) Benzene-d6	8.27	84	397244	26.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.92%			
33) 1,2-Dichloropropane-d6	9.28	67	111537	24.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.48%			
37) Toluene-d8	10.33	98	394900	26.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.28%			
38) trans-1,3-Dichloropropene-	10.58	79	50876	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.36%			
39) 2-Hexanone-d5	10.93	63	43943	40.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102853	23.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.32%			
61) 1,2-Dichlorobenzene-d4	13.86	152	162710	26.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.64%			
Target Compounds						Qvalue
13) Acetone	4.14	43	37684	28.459	ug/L	99
16) Methylene chloride	4.91	84	82368	18.195	ug/L	96
19) 1,1-Dichloroethane	6.21	63	123273	17.092	ug/L	97
21) 2-Butanone	7.18	43	22018	12.514	ug/L	98
35) Trichloroethene	9.09	95	42221	8.929	ug/L	99
44) Toluene	10.39	91	160248	8.492	ug/L	99
53) Ethylbenzene	11.74	91	411660	18.739	ug/L	100
54) m,p-Xylene	11.83	106	397384	46.148	ug/L	99

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

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Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
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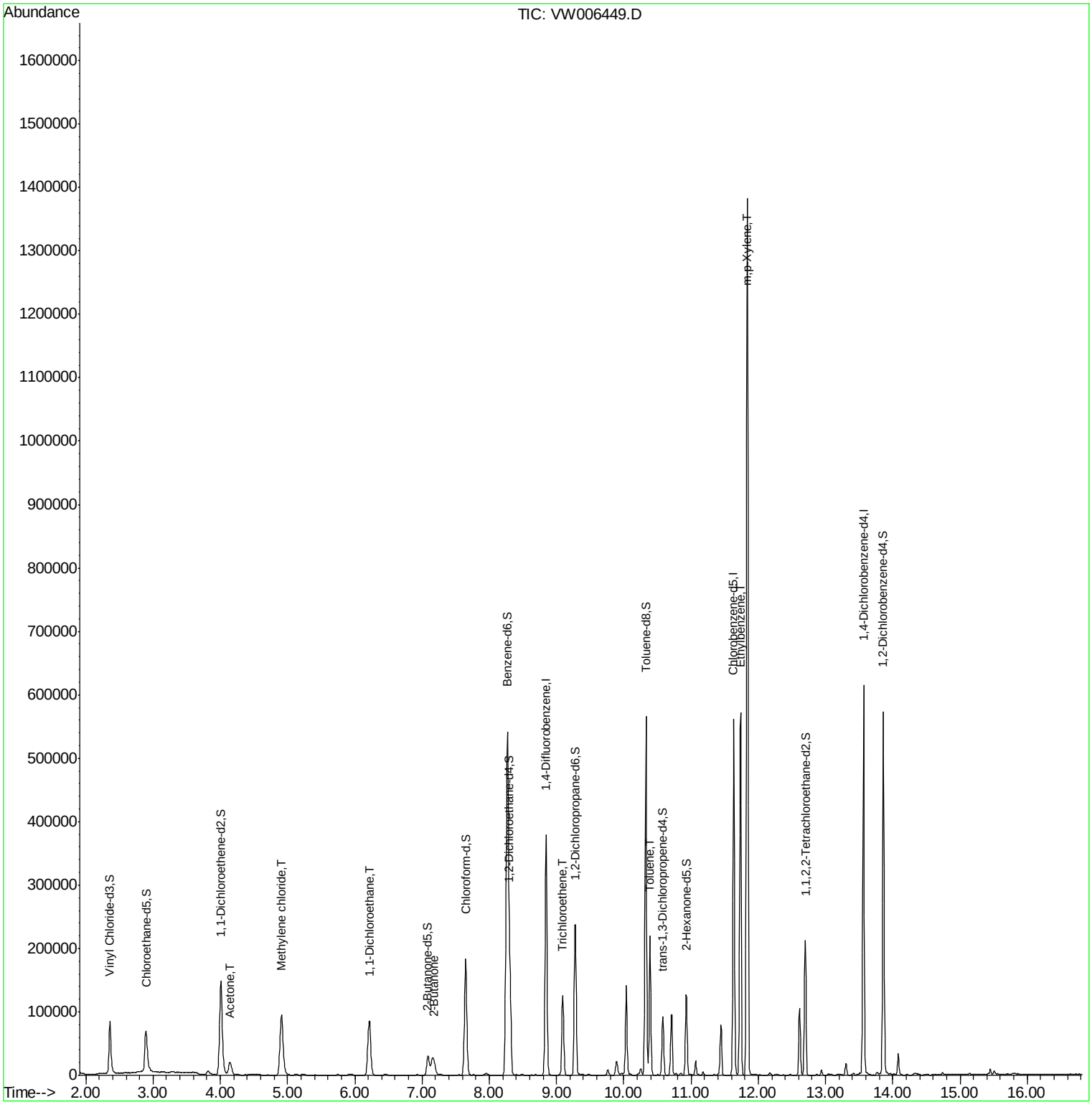
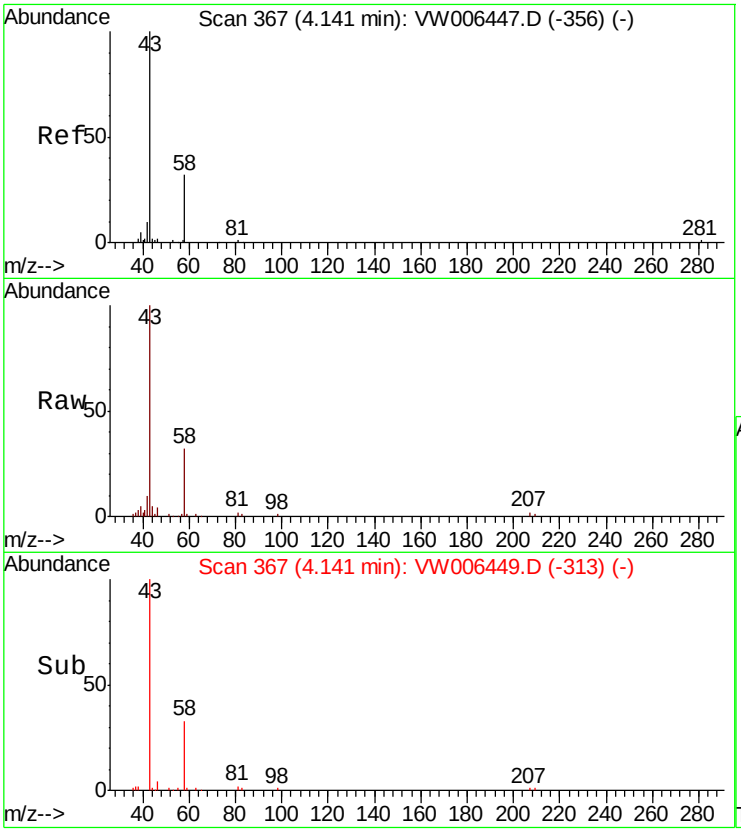


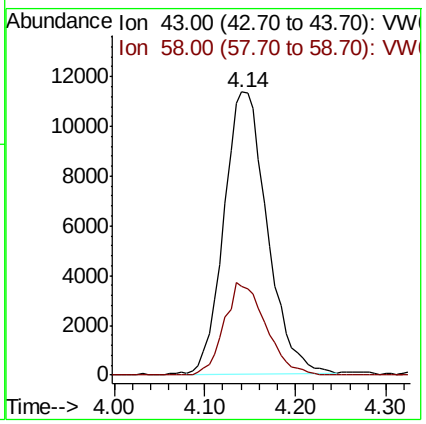


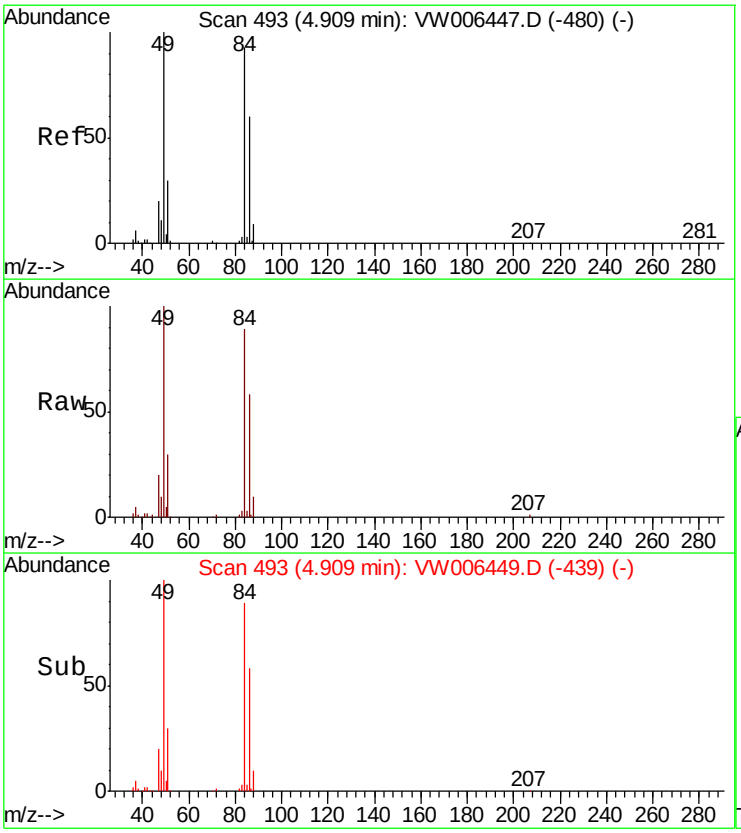
#13
Acetone
Concen: 28.459 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Instrument : MSVOA_W
ClientSampleId : A40D6

Tgt Ion: 43 Resp: 37684

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	61.2

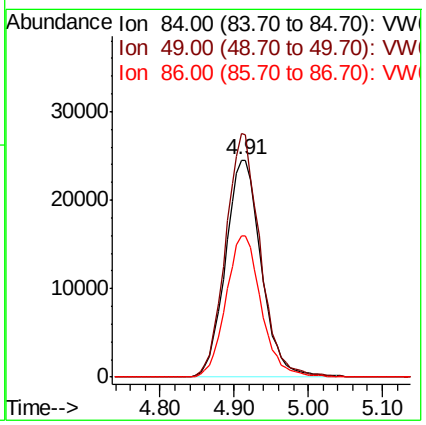


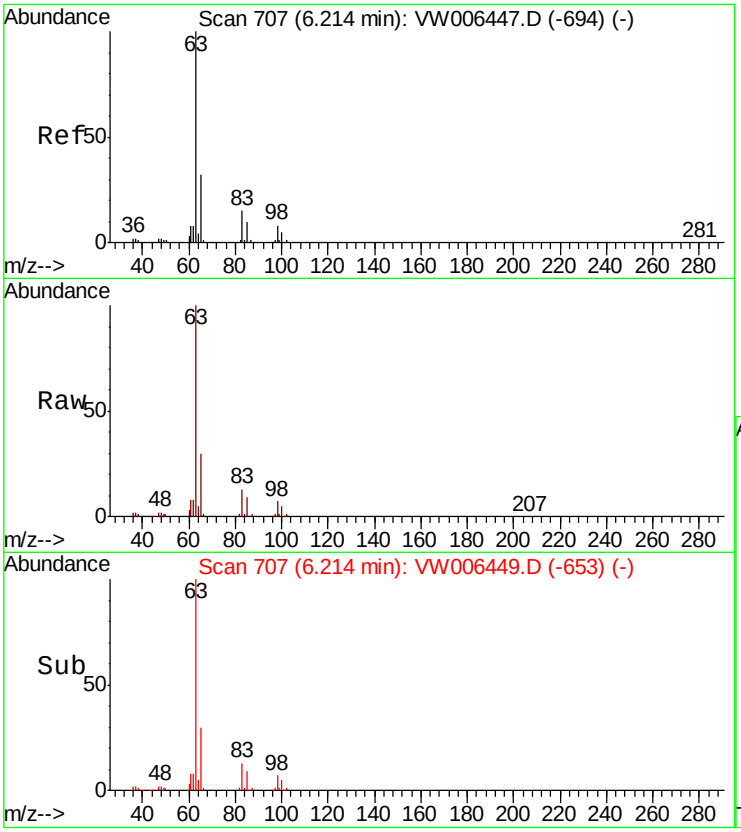


#16
Methylene chloride
Concen: 18.195 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Tgt Ion: 84 Resp: 82368

Ion	Ratio	Lower	Upper
84	100		
49	112.2	83.5	155.1
86	64.8	44.9	83.5



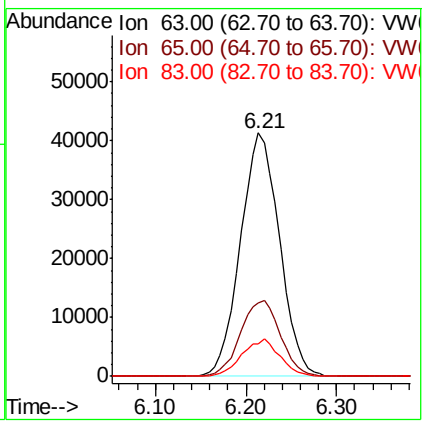


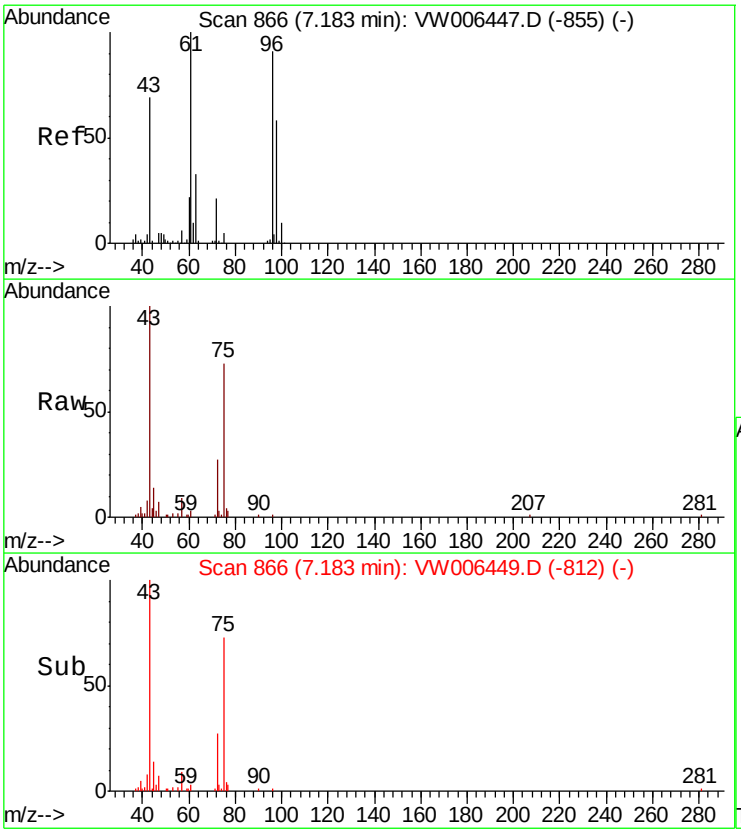
#19
1,1-Dichloroethane
Concen: 17.092 ug/L
RT: 6.21 min Scan# 707
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
A40D6

Tgt Ion: 63 Resp: 123273

Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.3	41.5
83	13.4	9.7	18.1

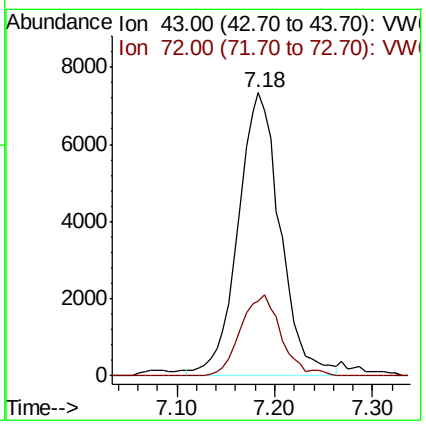


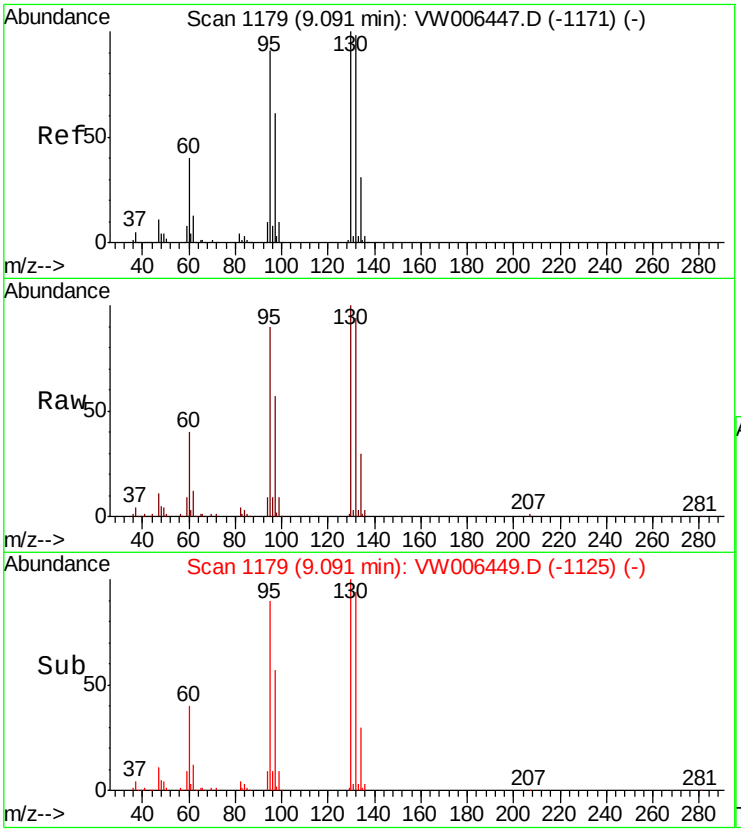


#21
2-Butanone
Concen: 12.514 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Tgt Ion: 43 Resp: 22018

Ion	Ratio	Lower	Upper
43	100		
72	26.8	13.8	41.4



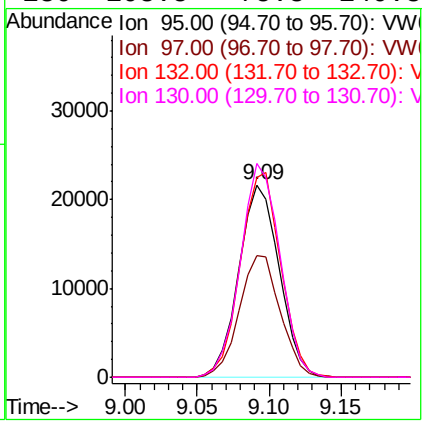


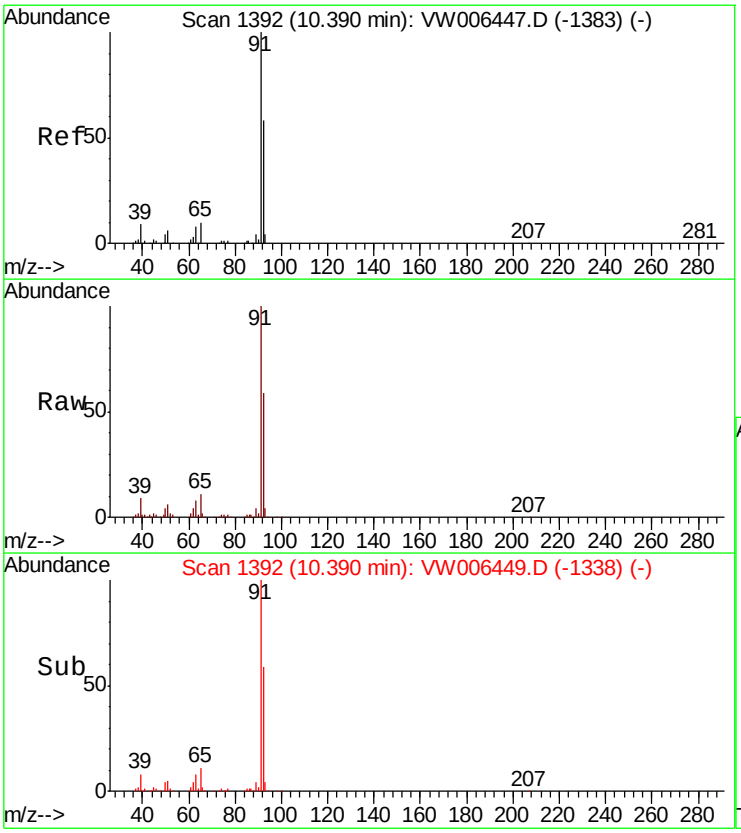
#35
Trichloroethene
Concen: 8.929 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
A40D6

Tgt Ion: 95 Resp: 42221

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.8	85.0
132	105.9	72.9	135.3
130	108.5	75.8	140.8

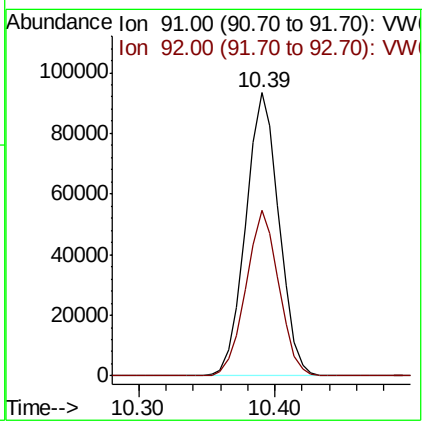


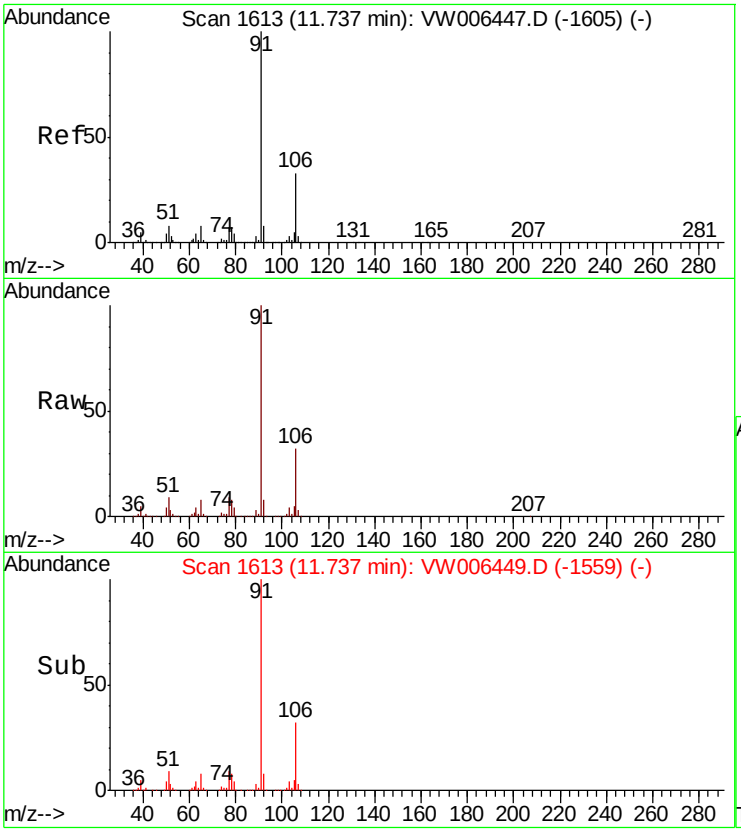


#44
Toluene
Concen: 8.492 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Tgt Ion: 91 Resp: 160248

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.4	75.0



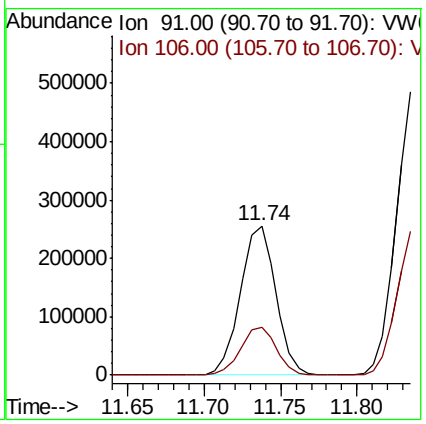


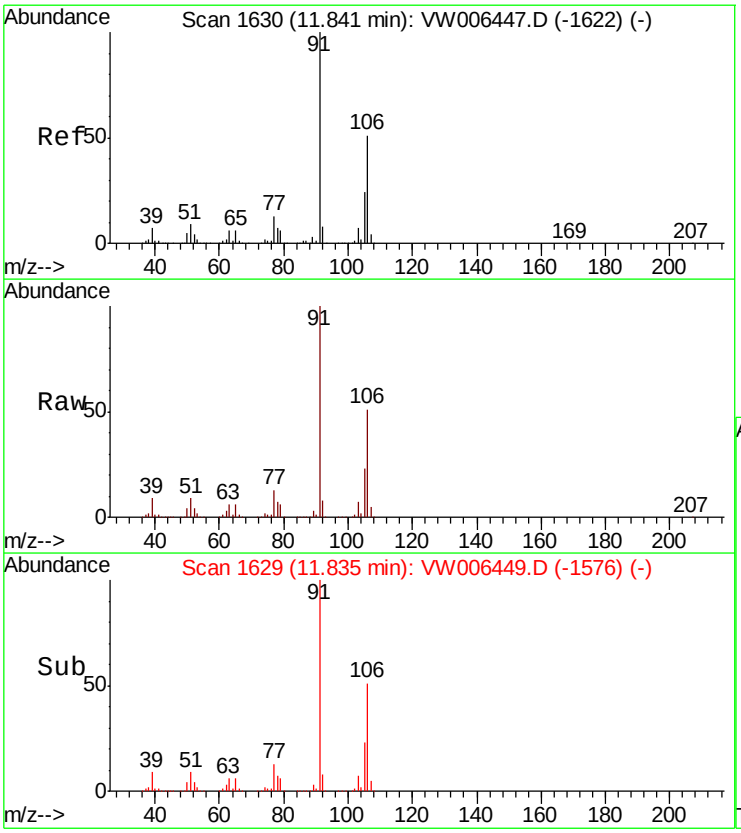
#53
Ethylbenzene
Concen: 18.739 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Instrument : MSVOA_W
ClientSampleId : A40D6

Tgt Ion: 91 Resp: 411660

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.6	42.0





#54
m,p-Xylene
Concen: 46.148 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW006449.D
Acq: 29 Oct 2018 12:15

Tgt Ion:106 Resp: 397384

Ion	Ratio	Lower	Upper
106	100		
91	196.7	138.4	257.0