Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005753.D
Acq On : 02 Oct 2018 00:13
Operator : SY/AP
Sample : J5180-20
Misc : 4.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC29

Manual Integrations APPROVED
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Quant Time: Oct 02 07:34:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 07:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	164730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	90999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	18855m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	35540	16.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.68%			
7) Chloroethane-d5	2.89	69	34897	21.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.20%			
10) 1,1-Dichloroethene-d2	4.01	63	65083	14.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.76%			
20) 2-Butanone-d5	7.09	46	53504	79.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.72%#			
24) Chloroform-d	7.65	84	108881	25.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.92%			
26) 1,2-Dichloroethane-d4	8.31	65	72235	28.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.72%			
29) Benzene-d6	8.28	84	174481	38.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 154.92%#			
33) 1,2-Dichloropropane-d6	9.28	67	56858	43.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 174.68%#			
37) Toluene-d8	10.33	98	114933	25.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.36%			
38) trans-1,3-Dichloropropene-	10.58	79	17903	26.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.72%			
39) 2-Hexanone-d5	10.93	63	35662	116.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 233.92%#			
48) 1,1,2,2-Tetrachloroethane-	12.71	84	48730	38.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 154.12%#			
61) 1,2-Dichlorobenzene-d4	13.87	152	28647	42.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 171.76%#			
Target Compounds						Qvalue
13) Acetone	4.14	43	199997	284.875	ug/L	71
14) Carbon disulfide	4.37	76	16258	2.424	ug/L	98
16) Methylene chloride	4.92	84	16196	5.963	ug/L	94
21) 2-Butanone	7.18	43	71541	85.089	ug/L	99
34) Benzene	8.32	78	7785	1.514	ug/L	100
35) Trichloroethene	9.09	95	1792	1.303	ug/L	94
44) Toluene	10.39	91	53600	9.328	ug/L	97
47) Tetrachloroethene	10.87	164	9739	8.036	ug/L	93
53) Ethylbenzene	11.74	91	203790	30.976	ug/L	98
54) m,p-Xylene	11.84	106	133529	53.873	ug/L	97
55) o-xylene	12.17	106	121168	51.866	ug/L	100
57) Isopropylbenzene	12.47	105	120122	18.002	ug/L #	35

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

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Instrument :
MSVOA_W
ClientSampleId :
JLC29

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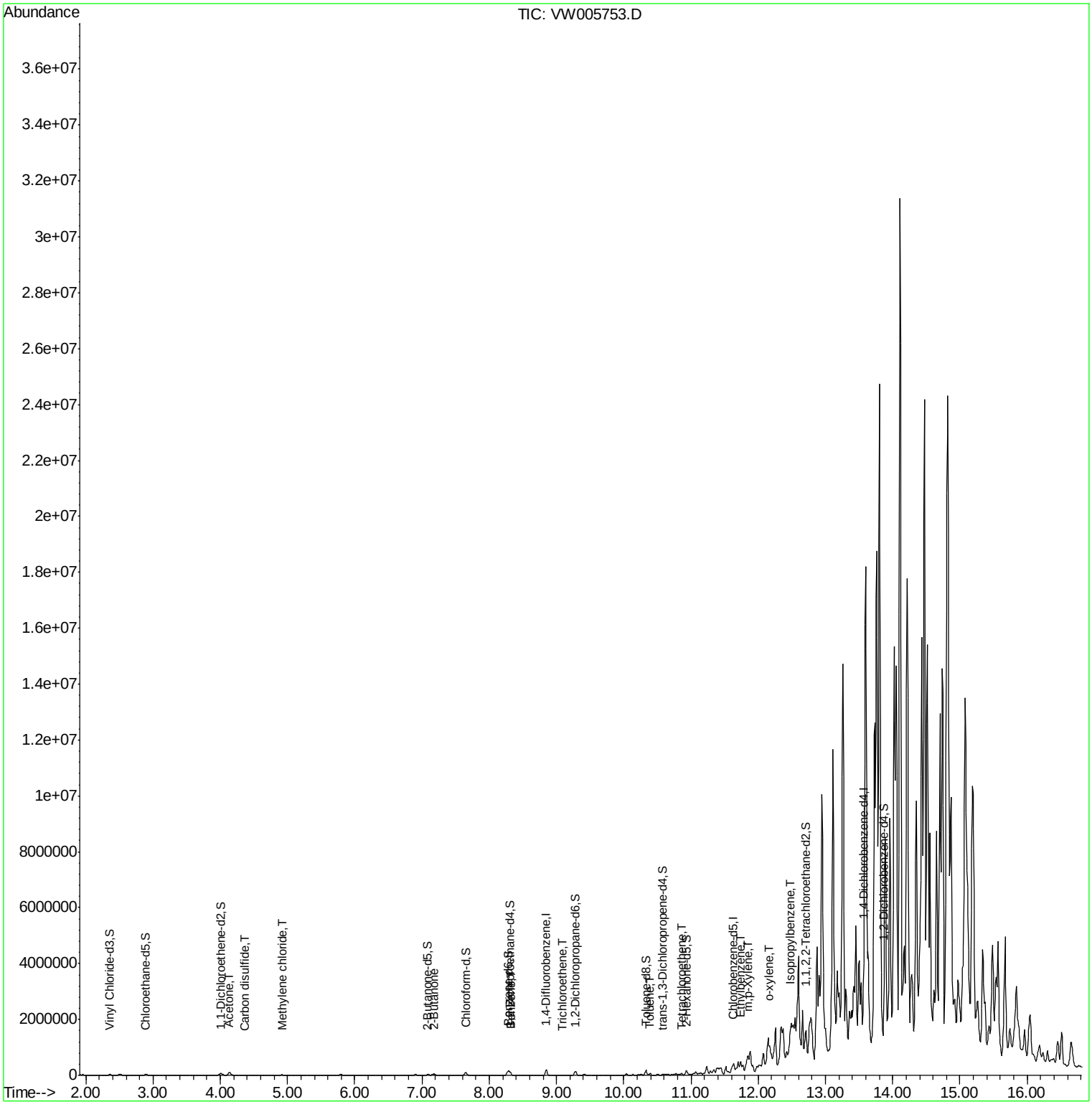
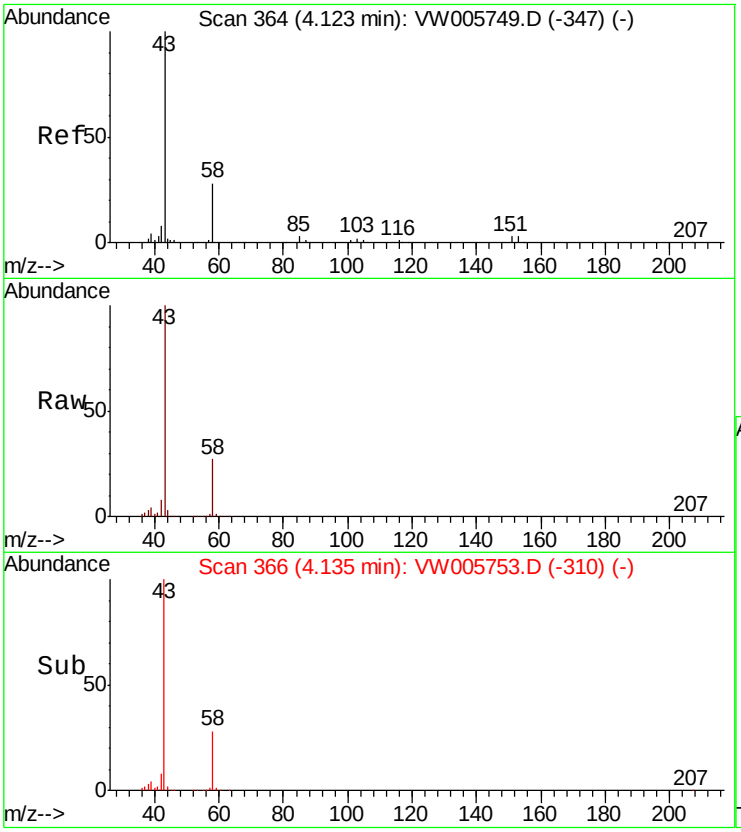
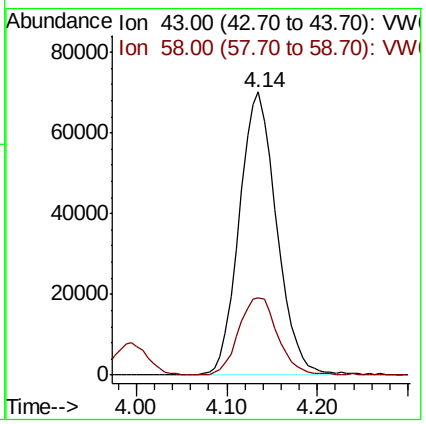




#13
Acetone
Concen: 284.875 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 43 Resp: 199997

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	31.8



Instrument :
MSVOA_W
ClientSampleId :
JLC29

Manual Integrations APPROVED
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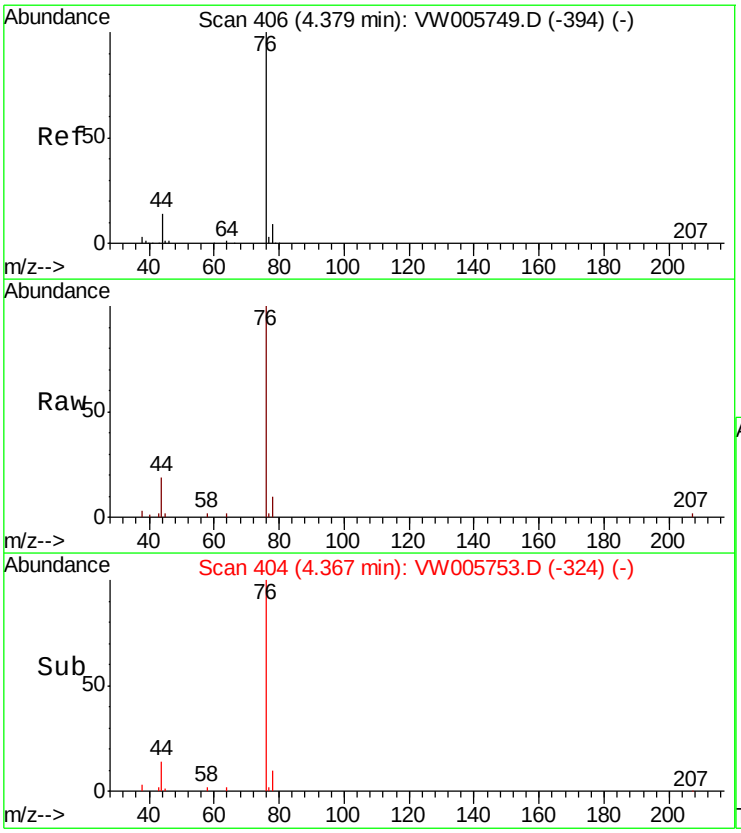
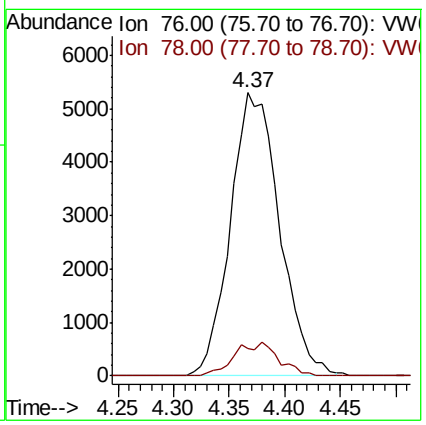
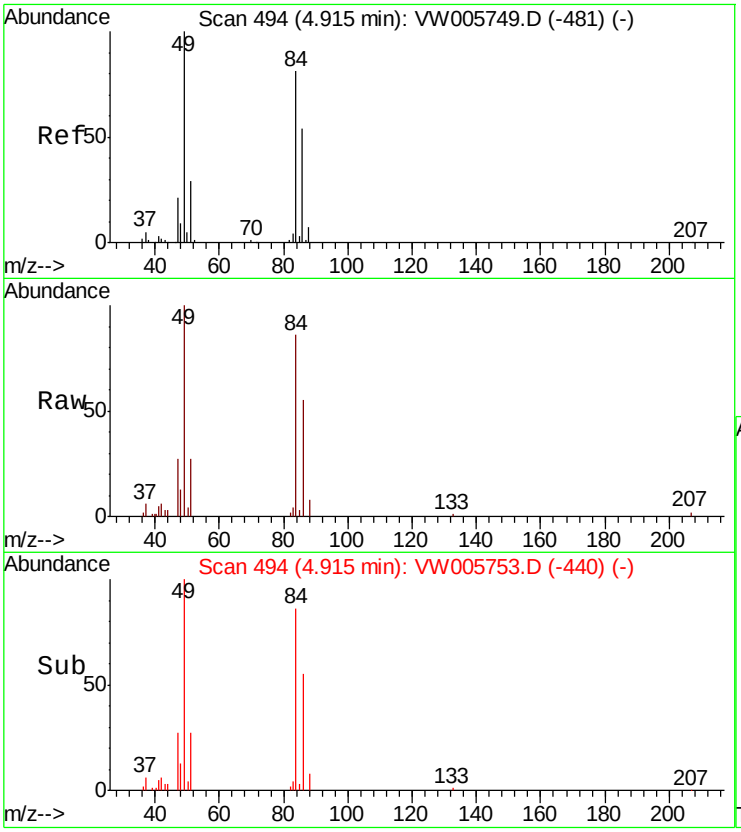


#14
Carbon disulfide
Concen: 2.424 ug/L
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 76 Resp: 16258

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

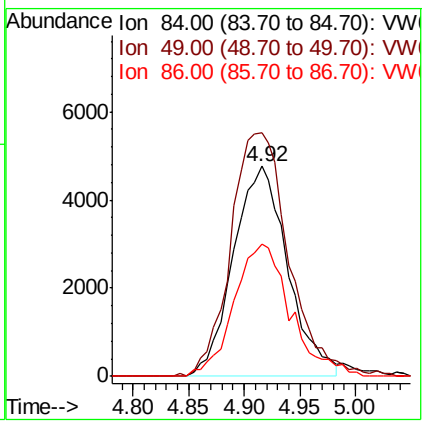




#16
Methylene chloride
Concen: 5.963 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 84 Resp: 16196

Ion	Ratio	Lower	Upper
84	100		
49	116.1	87.2	162.0
86	63.3	43.2	80.2



Instrument :
MSVOA_W
ClientSampleId :
JLC29

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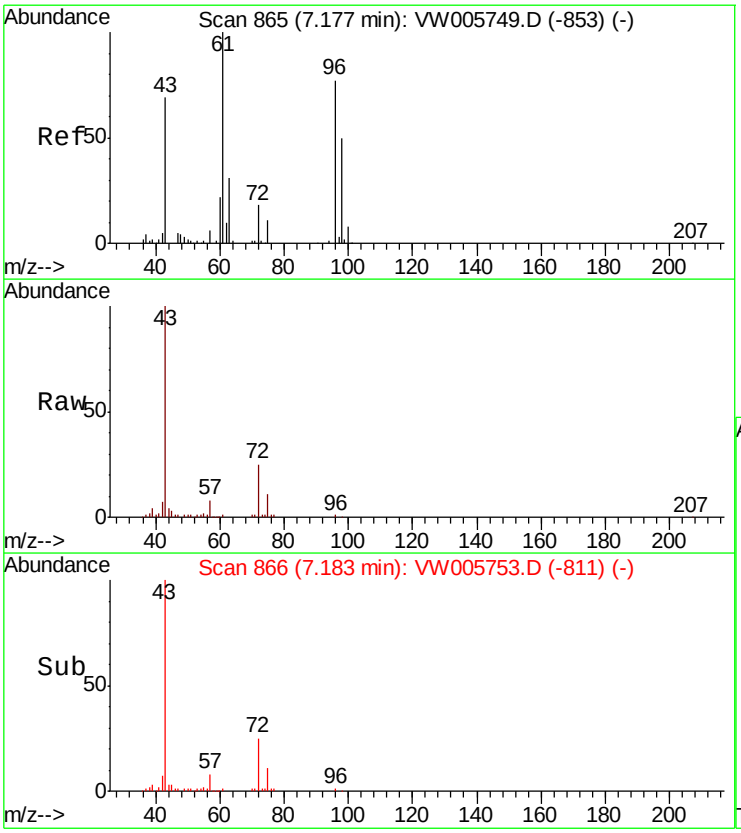
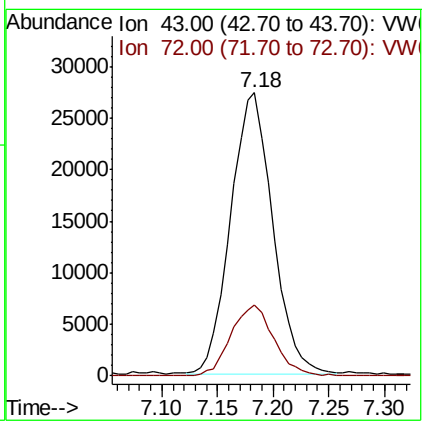
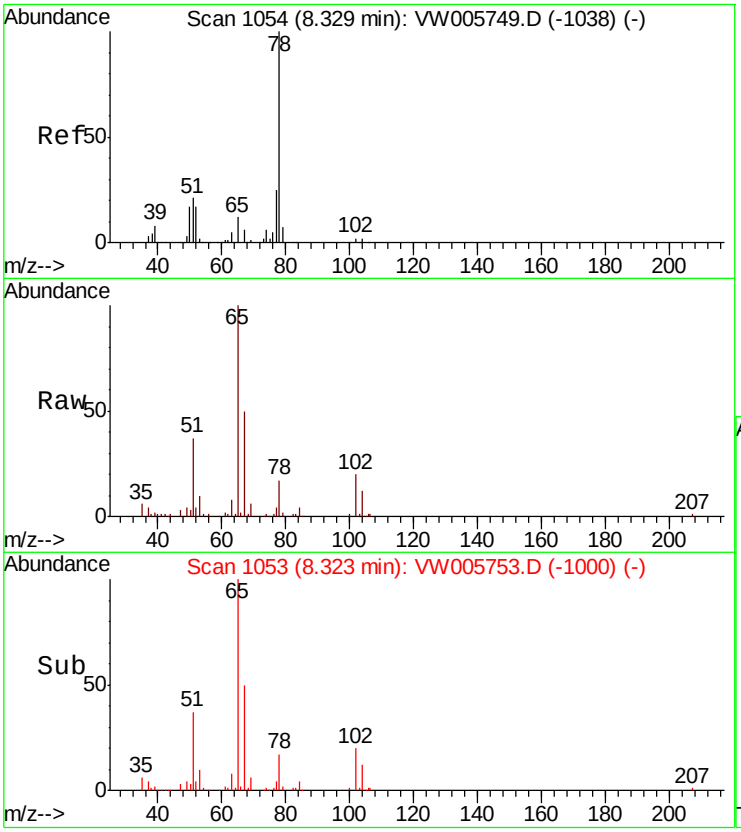


#21
2-Butanone
Concen: 85.089 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 43 Resp: 71541

Ion	Ratio	Lower	Upper
43	100		
72	25.7	13.2	39.6





#34
Benzene
Concen: 1.514 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 78 Resp: 7785

Instrument :
MSVOA_W
ClientSampleId :
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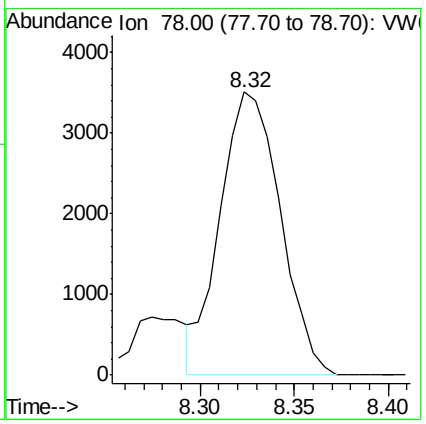
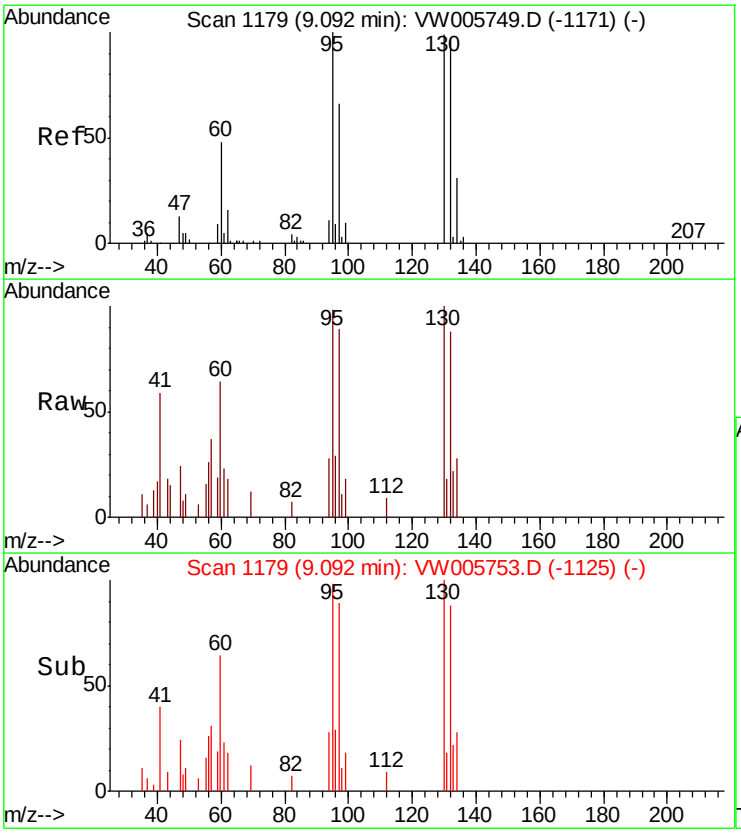
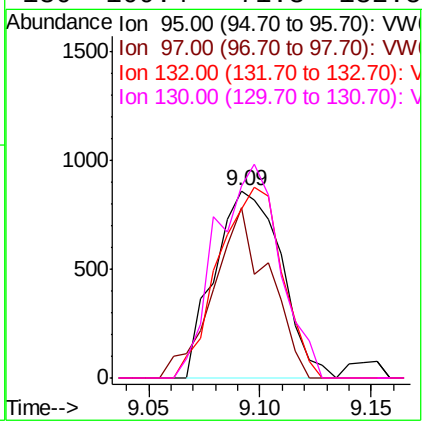


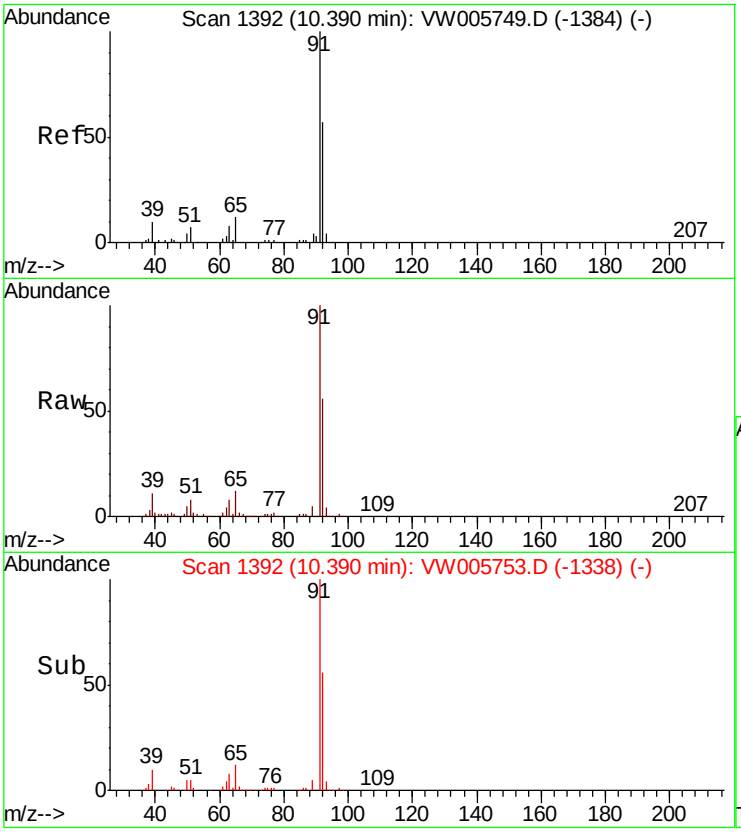


#35
Trichloroethene
Concen: 1.303 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 95 Resp: 1792

Ion	Ratio	Lower	Upper
95	100		
97	76.1	45.2	84.0
132	97.2	68.0	126.4
130	109.4	71.3	132.5





#44
Toluene
Concen: 9.328 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 91 Resp: 53600

Ion	Ratio	Lower	Upper
91	100		
92	56.0	40.7	75.5

Instrument :
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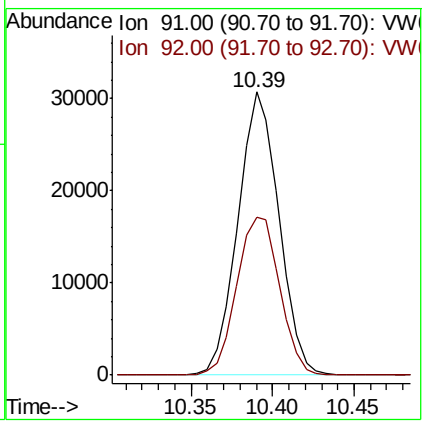
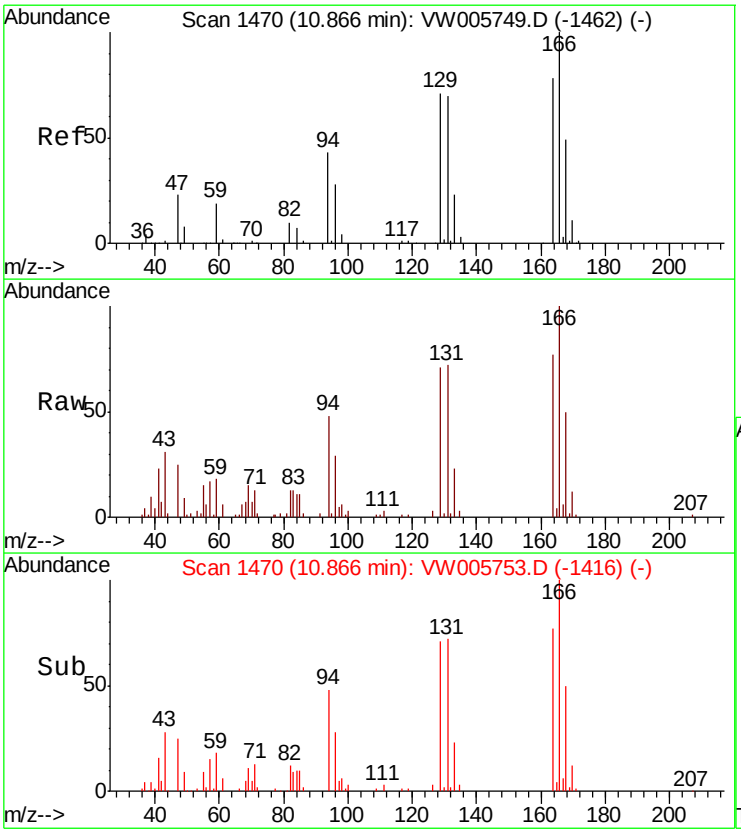
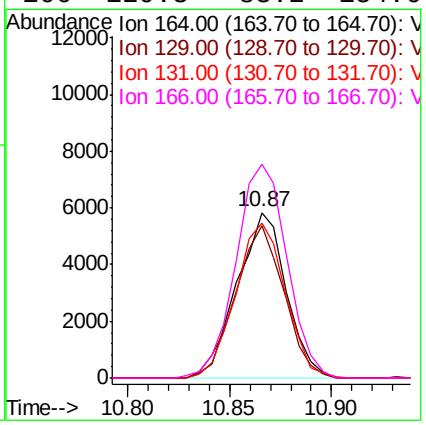


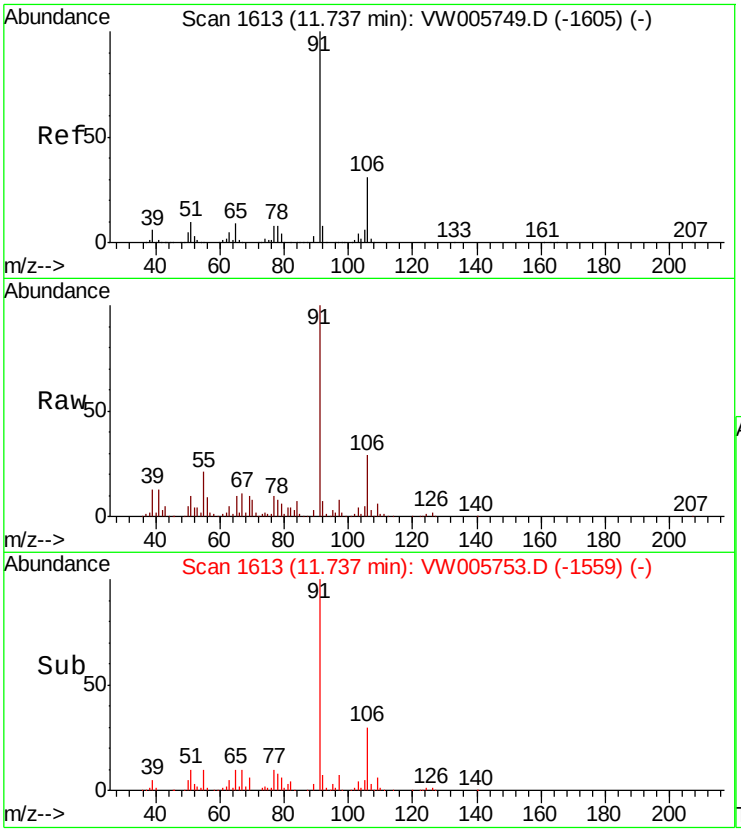


#47
Tetrachloroethene
Concen: 8.036 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion:164 Resp: 9739

Ion	Ratio	Lower	Upper
164	100		
129	95.0	63.8	118.4
131	93.8	61.5	114.3
166	129.3	83.2	154.6

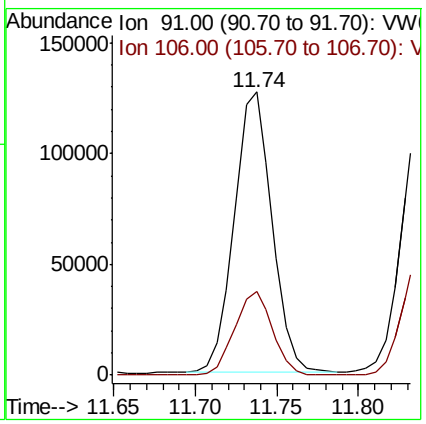




#53
Ethylbenzene
Concen: 30.976 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion: 91 Resp: 203790

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.5	39.9



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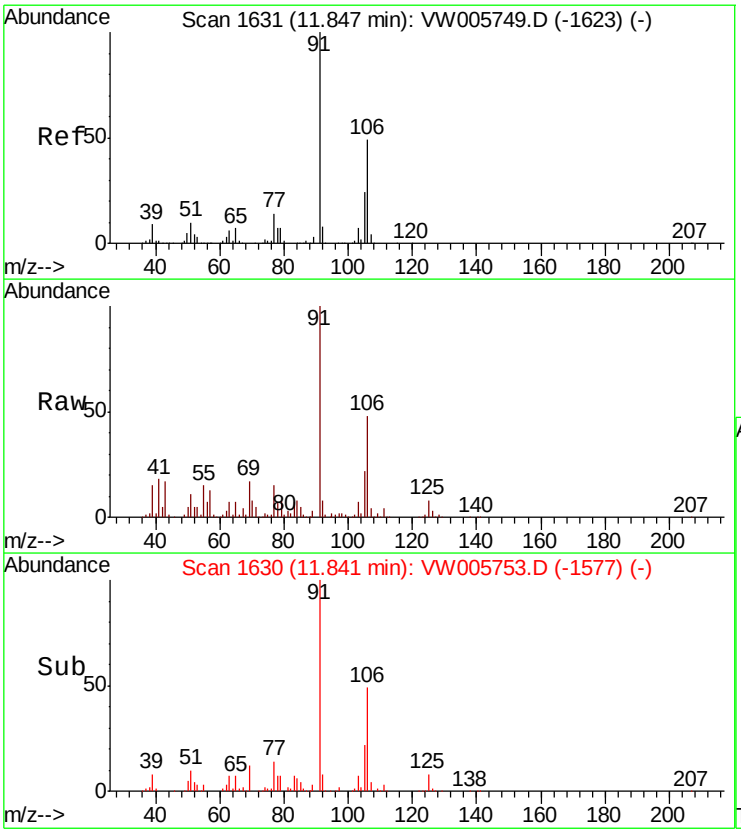
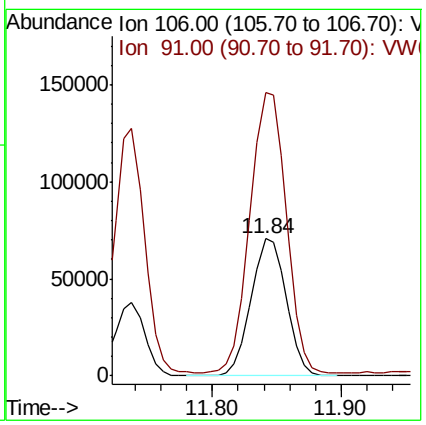
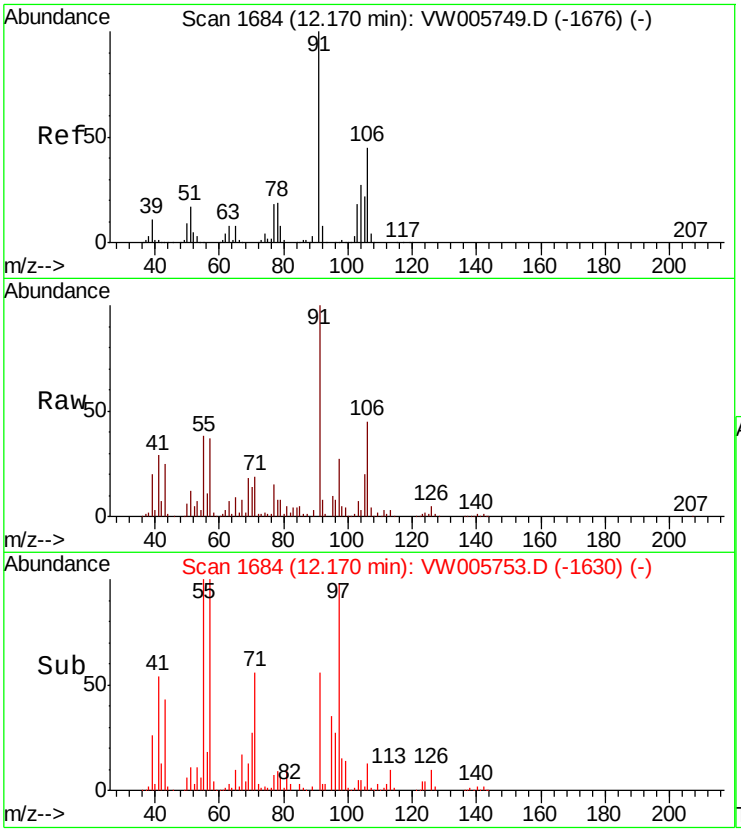


#54
m,p-Xylene
Concen: 53.873 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion:106 Resp: 133529

Ion	Ratio	Lower	Upper
106	100		
91	206.2	147.7	274.3





#55
o-xylene
Concen: 51.866 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion:106 Resp: 121168

Ion	Ratio	Lower	Upper
106	100		
91	223.0	156.5	290.7

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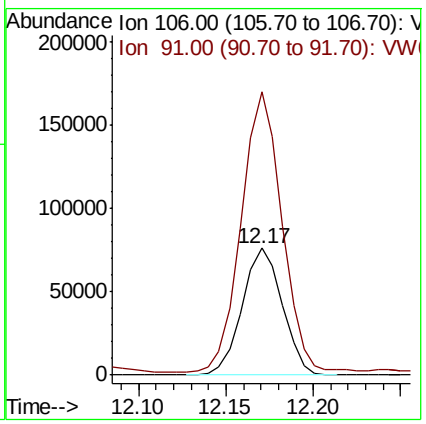

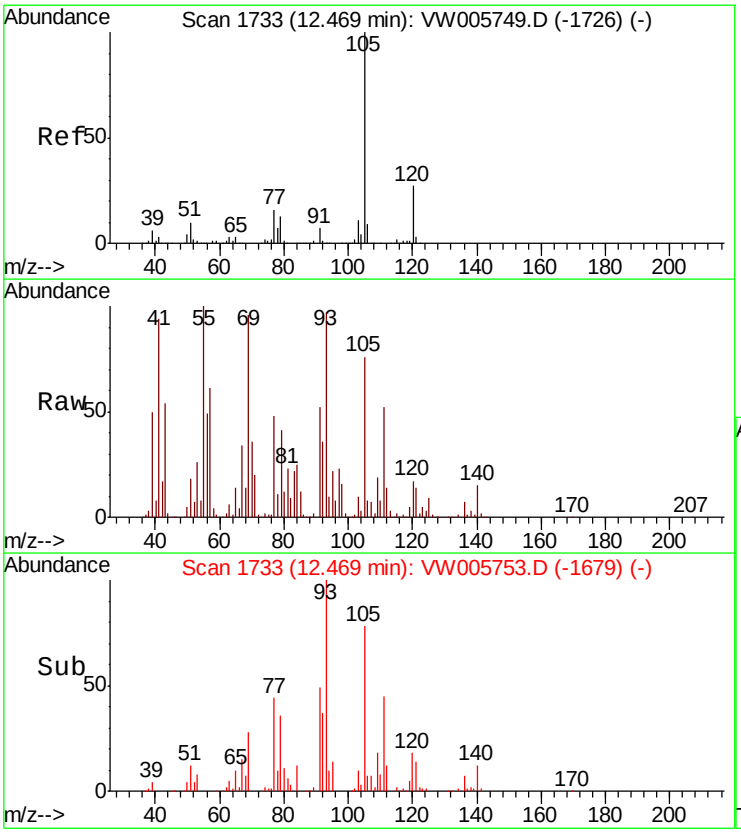

#57
Isopropylbenzene
Concen: 18.002 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005753.D
Acq: 02 Oct 2018 00:13

Tgt Ion:105 Resp: 120122

Ion	Ratio	Lower	Upper
105	100		
120	21.7	20.7	31.1
77	82.9	13.0	19.6#