Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

Quantitation Report (LSC Reviewed)

Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:45:10 AM

Quant Time: May 31 14:58:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	23142	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	33574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19706	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	4233	13.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.08%			
7) Chloroethane-d5	1.56	69	3518	14.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.44%			
10) 1,1-Dichloroethene-d2	2.12	63	8516	13.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.00%			
20) 2-Butanone-d5	3.94	46	76755	670.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 1341.38%#			
24) Chloroform-d	4.40	84	13908	24.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.36%			
26) 1,2-Dichloroethane-d4	5.08	65	22749	61.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 246.84%#			
29) Benzene-d6	5.09	84	26046	14.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 57.12%			
33) 1,2-Dichloropropane-d6	6.11	67	11550	19.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.08%			
37) Toluene-d8	7.36	98	29528	17.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 68.64%			
38) trans-1,3-Dichloropropene-	7.66	79	8077	30.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.20%			
39) 2-Hexanone-d5	8.13	63	48128	362.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 724.94%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44712	84.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 339.68%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	19342	26.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.92%			
Target Compounds						Qvalue
13) Acetone	2.19	43	222961	1674.715	ug/L	99
15) Methyl Acetate	2.46	43	239101	1193.535	ug/L	97
16) Methylene chloride	2.53	84	2212	6.272	ug/L	84
21) 2-Butanone	4.03	43	16964m	108.610	ug/L	
35) Trichloroethene	5.95	95	1611	3.087	ug/L	90
44) Toluene	7.43	91	5663	2.607	ug/L	94
54) m,p-Xylene	9.18	106	1975	2.130	ug/L	99
55) o-xylene	9.59	106	1363	1.495	ug/L	75

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

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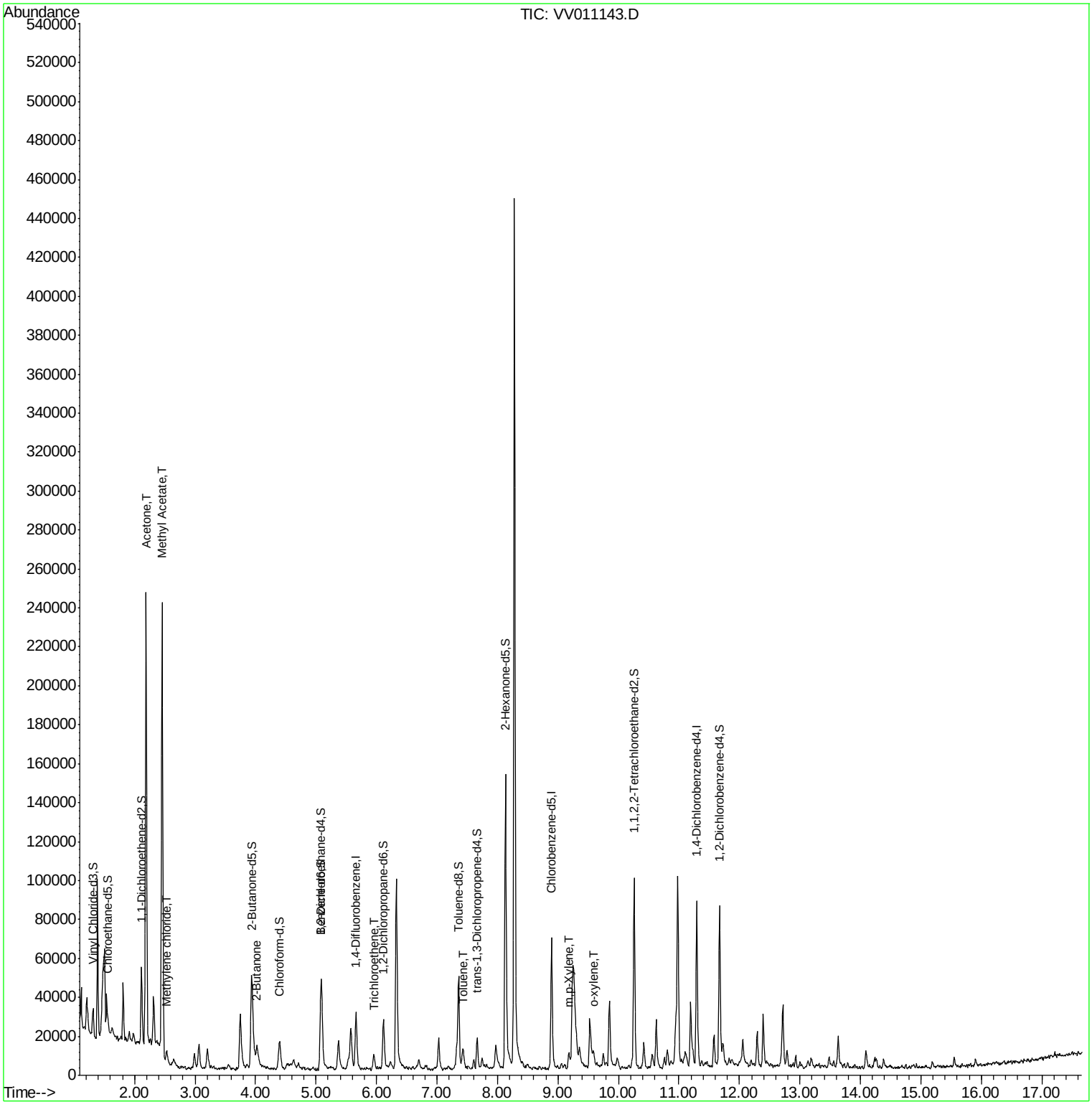
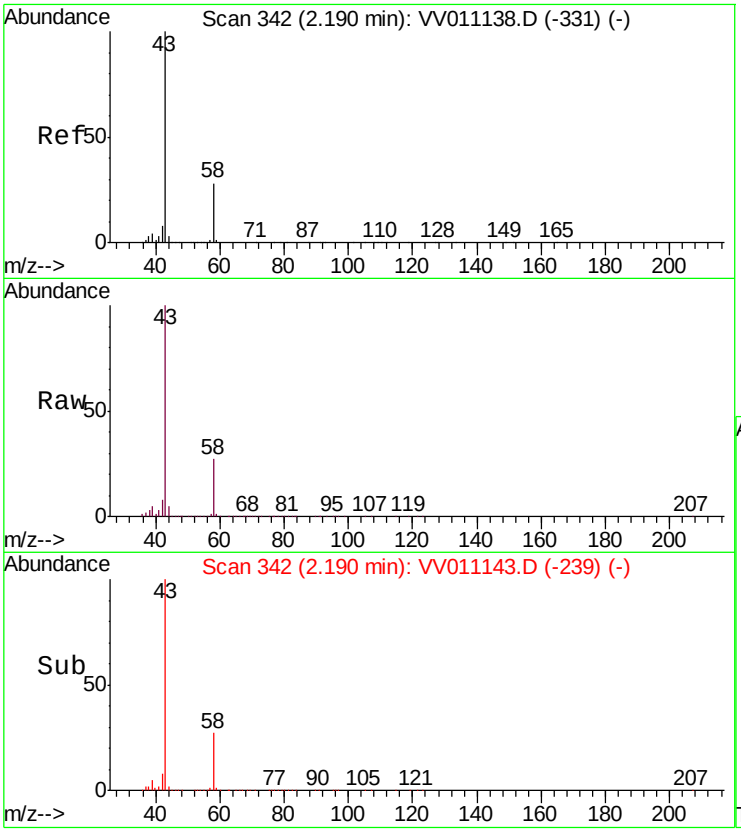
Instrument :
MSVOA_V
ClientSampleId :
A51F5

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:45:10 AM

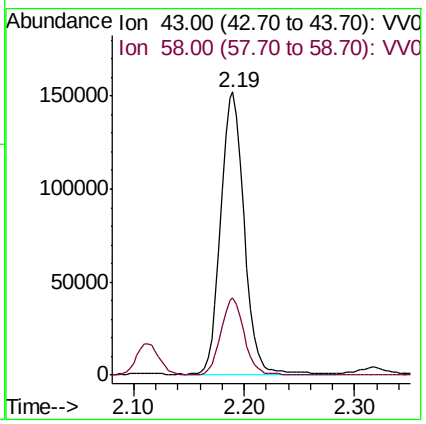




#13
Acetone
Concen: 1674.715 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

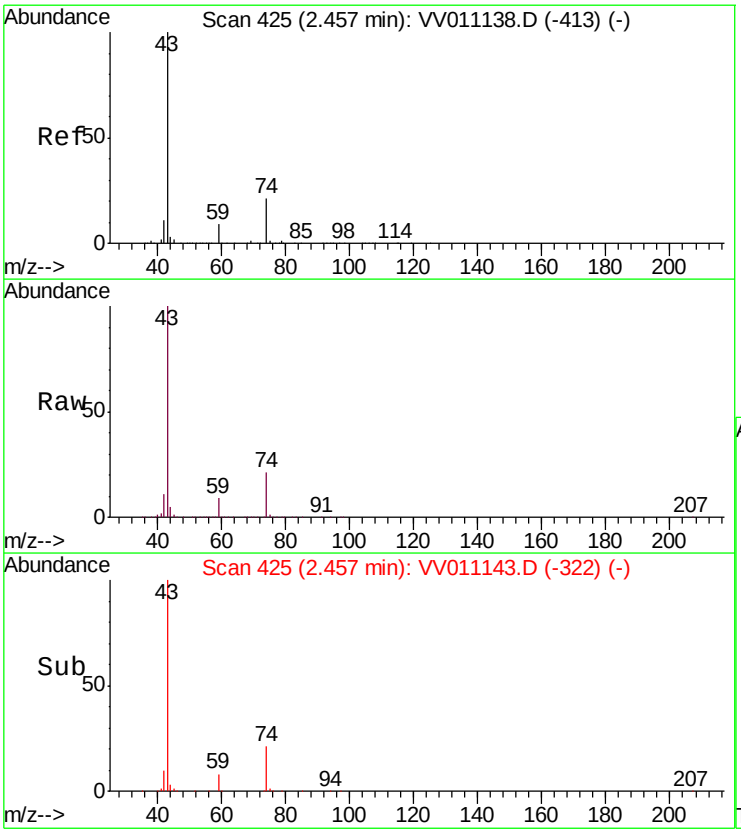
Tgt Ion: 43 Resp: 222961

Ion	Ratio	Lower	Upper
43	100		
58	26.4	0.0	53.8



Instrument :
MSVOA_V
ClientSampleId :
A51F5

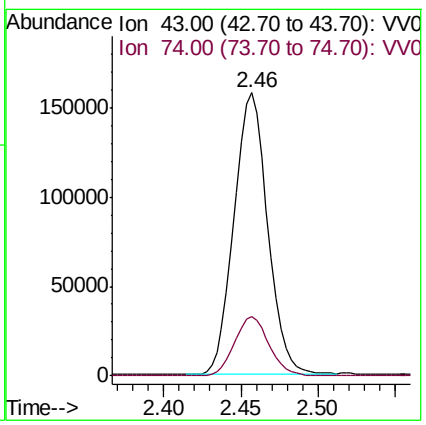
Manual Integrations APPROVED
MMDadoda
6/1/2019 4:45:10 AM

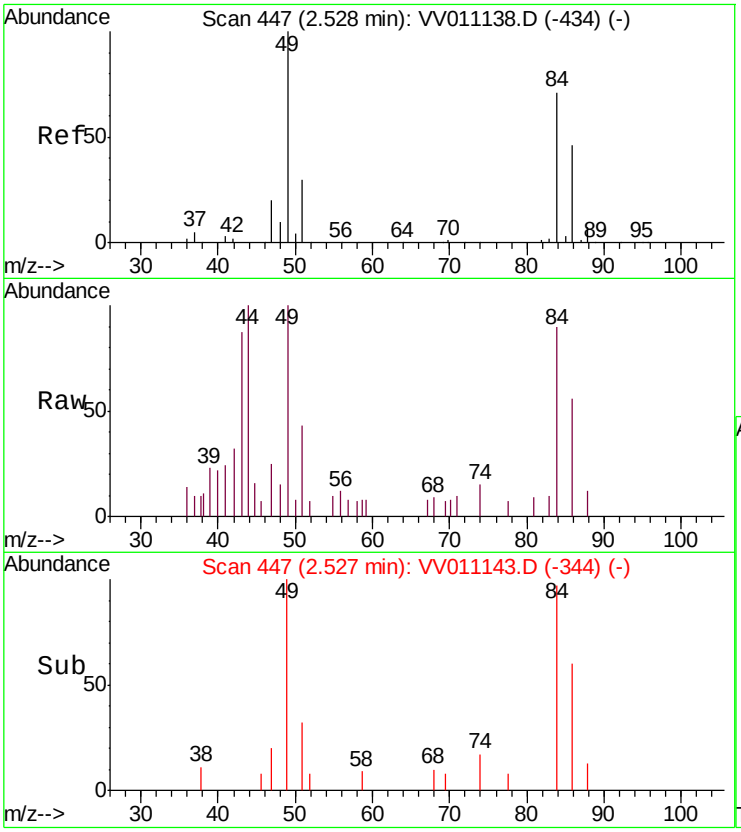


#15
Methyl Acetate
Concen: 1193.535 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

Tgt Ion: 43 Resp: 239101

Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.2	24.4

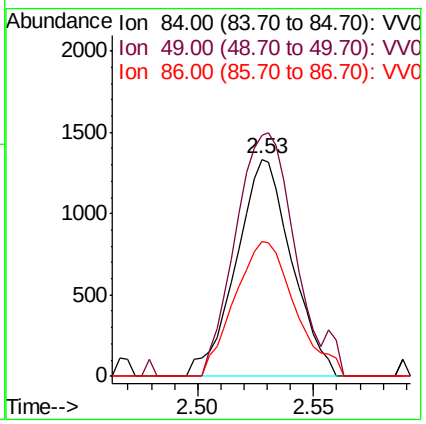




#16
Methylene chloride
Concen: 6.272 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

Tgt Ion: 84 Resp: 2212

Ion	Ratio	Lower	Upper
84	100		
49	110.9	96.1	178.5
86	62.0	45.0	83.6



Instrument :
MSVOA_V
ClientSampleId :
A51F5

Manual Integrations APPROVED
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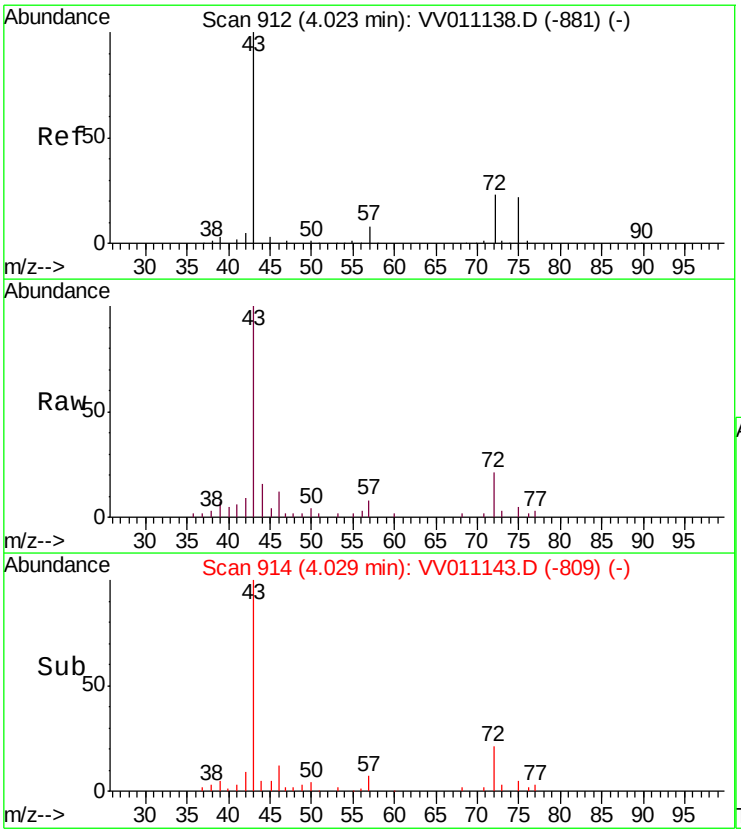
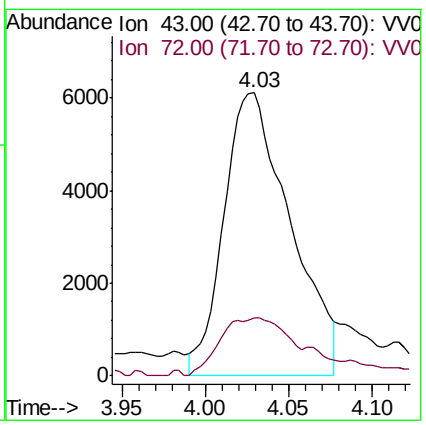
6/1/2019 4:45:10 AM

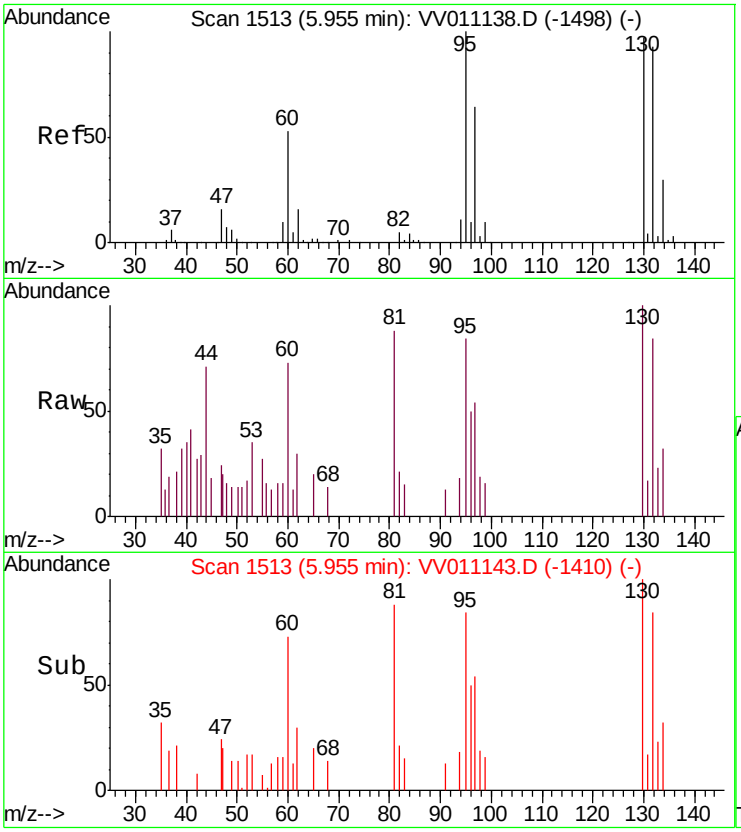


#21
2-Butanone
Concen: 108.610 ug/L m
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

Tgt Ion: 43 Resp: 16964

Ion	Ratio	Lower	Upper
43	100		
72	0.2	11.1	33.3#

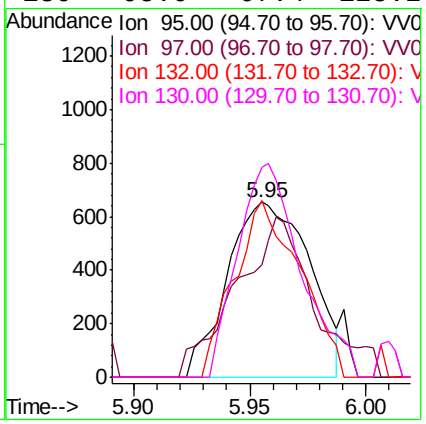




#35
Trichloroethene
Concen: 3.087 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

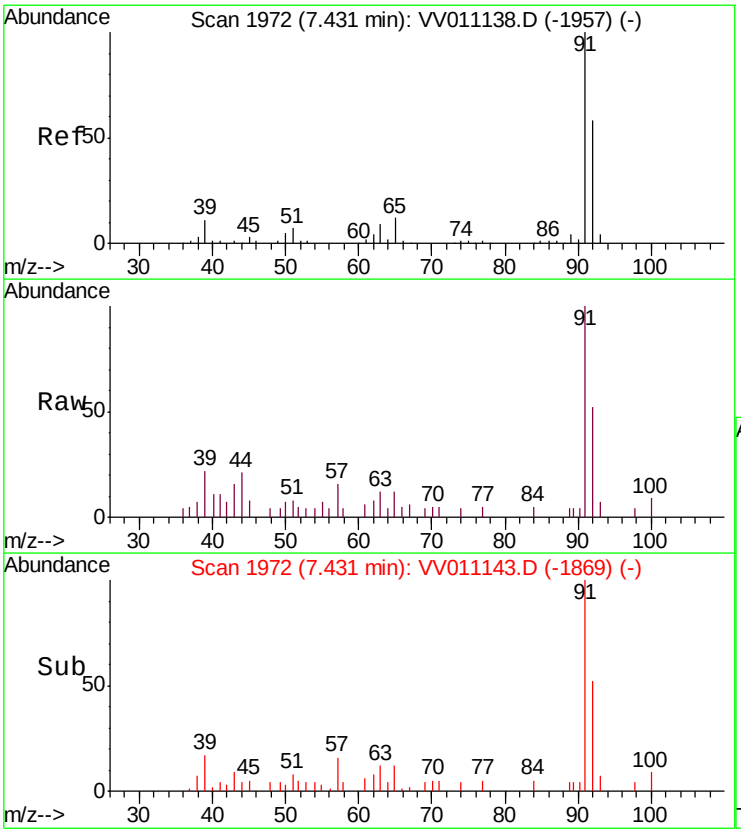
Tgt Ion: 95 Resp: 1611

Ion	Ratio	Lower	Upper
95	100		
97	76.8	44.4	82.5
132	81.5	66.0	122.6
130	95.0	67.4	125.2



Instrument :
MSVOA_V
ClientSampleId :
A51F5

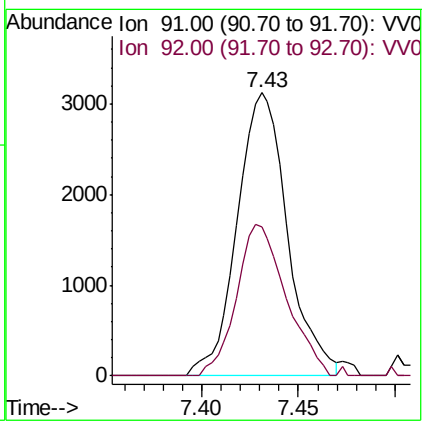
Manual Integrations APPROVED
MMDadoda
6/1/2019 4:45:10 AM

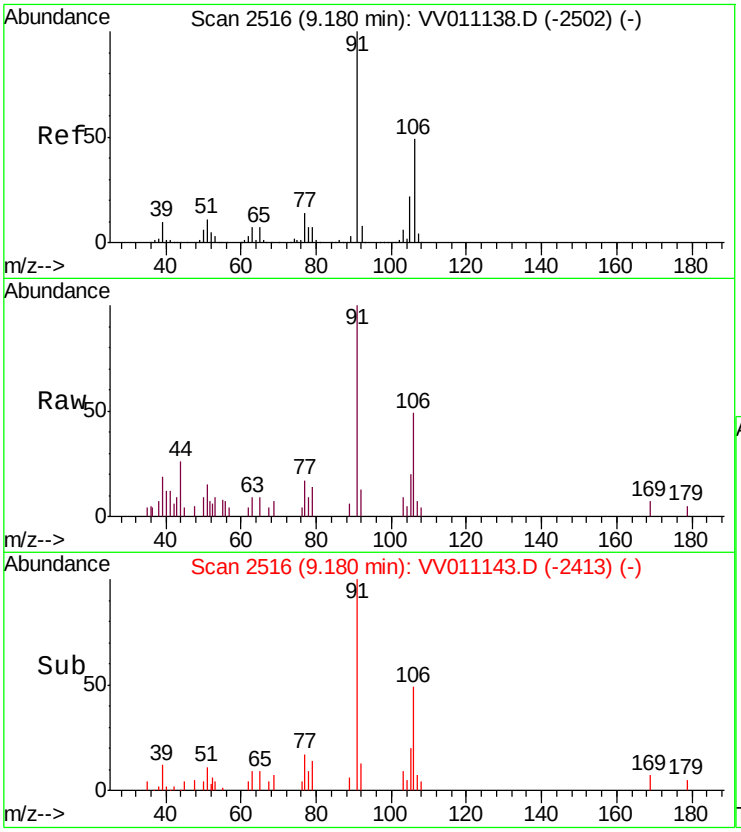


#44
Toluene
Concen: 2.607 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

Tgt Ion: 91 Resp: 5663

Ion	Ratio	Lower	Upper
91	100		
92	52.5	39.9	74.1

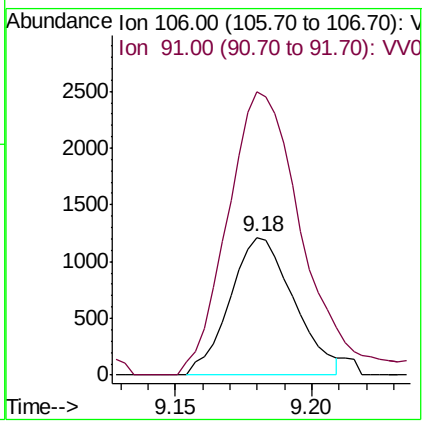




#54
m,p-Xylene
Concen: 2.130 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

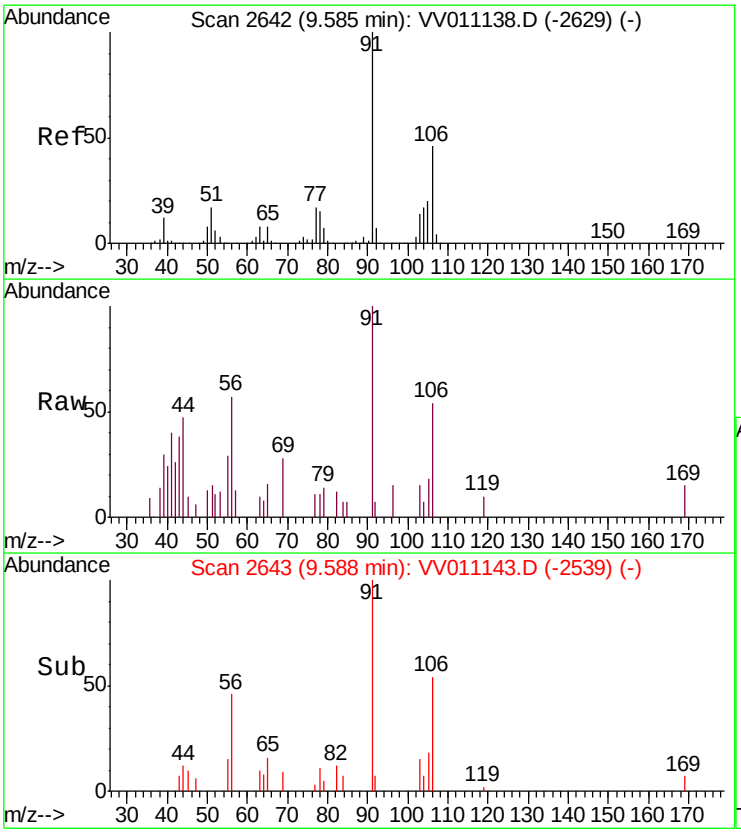
Tgt Ion:106 Resp: 1975

Ion	Ratio	Lower	Upper
106	100		
91	205.7	145.3	269.9



Instrument :
MSVOA_V
ClientSampleId :
A51F5

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:45:10 AM



#55
o-xylene
Concen: 1.495 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV011143.D
Acq: 30 May 2019 18:40

Tgt Ion:106 Resp: 1363

Ion	Ratio	Lower	Upper
106	100		
91	183.7	156.4	290.6