Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006328.D
Acq On : 24 Oct 2018 19:01
Operator : SY/AP
Sample : J5635-26
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
MMDadoda
10/29/2018 5:57:42 PM

Quant Time: Oct 25 09:07:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90697m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	74952	17.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.92%			
7) Chloroethane-d5	2.90	69	73471	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.80%			
10) 1,1-Dichloroethene-d2	4.01	63	111497	13.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.96%			
20) 2-Butanone-d5	7.09	46	45758	32.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.32%			
24) Chloroform-d	7.65	84	162286	19.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.96%			
26) 1,2-Dichloroethane-d4	8.31	65	88878	19.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.16%			
29) Benzene-d6	8.28	84	323936	24.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.52%			
33) 1,2-Dichloropropane-d6	9.28	67	93614	23.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.32%			
37) Toluene-d8	10.33	98	289934	22.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.16%			
38) trans-1,3-Dichloropropene-	10.58	79	34148	17.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.80%			
39) 2-Hexanone-d5	10.93	63	37136	38.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.42%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67673	17.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 70.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	56638	18.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.88%#			
Target Compounds						Qvalue
13) Acetone	4.15	43	55057	38.901	ug/L	99
14) Carbon disulfide	4.38	76	7187	0.511	ug/L #	95
15) Methyl Acetate	4.68	43	4090	1.784	ug/L	97
16) Methylene chloride	4.91	84	10596m	2.190	ug/L	
21) 2-Butanone	7.18	43	5147	2.737	ug/L	96
34) Benzene	8.32	78	16254	1.093	ug/L	100
44) Toluene	10.39	91	13663	0.818	ug/L	95
52) Chlorobenzene	11.66	112	87926	7.780	ug/L	97
53) Ethylbenzene	11.74	91	7190	0.370	ug/L	96
54) m,p-Xylene	11.85	106	17040	2.236	ug/L	98
55) o-xylene	12.17	106	28289	3.888	ug/L	97
57) Isopropylbenzene	12.47	105	379483	18.743	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	1111071	199.484	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	6879746	1226.603	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	222883	43.499	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	158150	41.311	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	26841	7.804	ug/L	95

Quantitation Report (QT/LSC Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Oct 25 09:07:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
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Manual Integrations APPROVED
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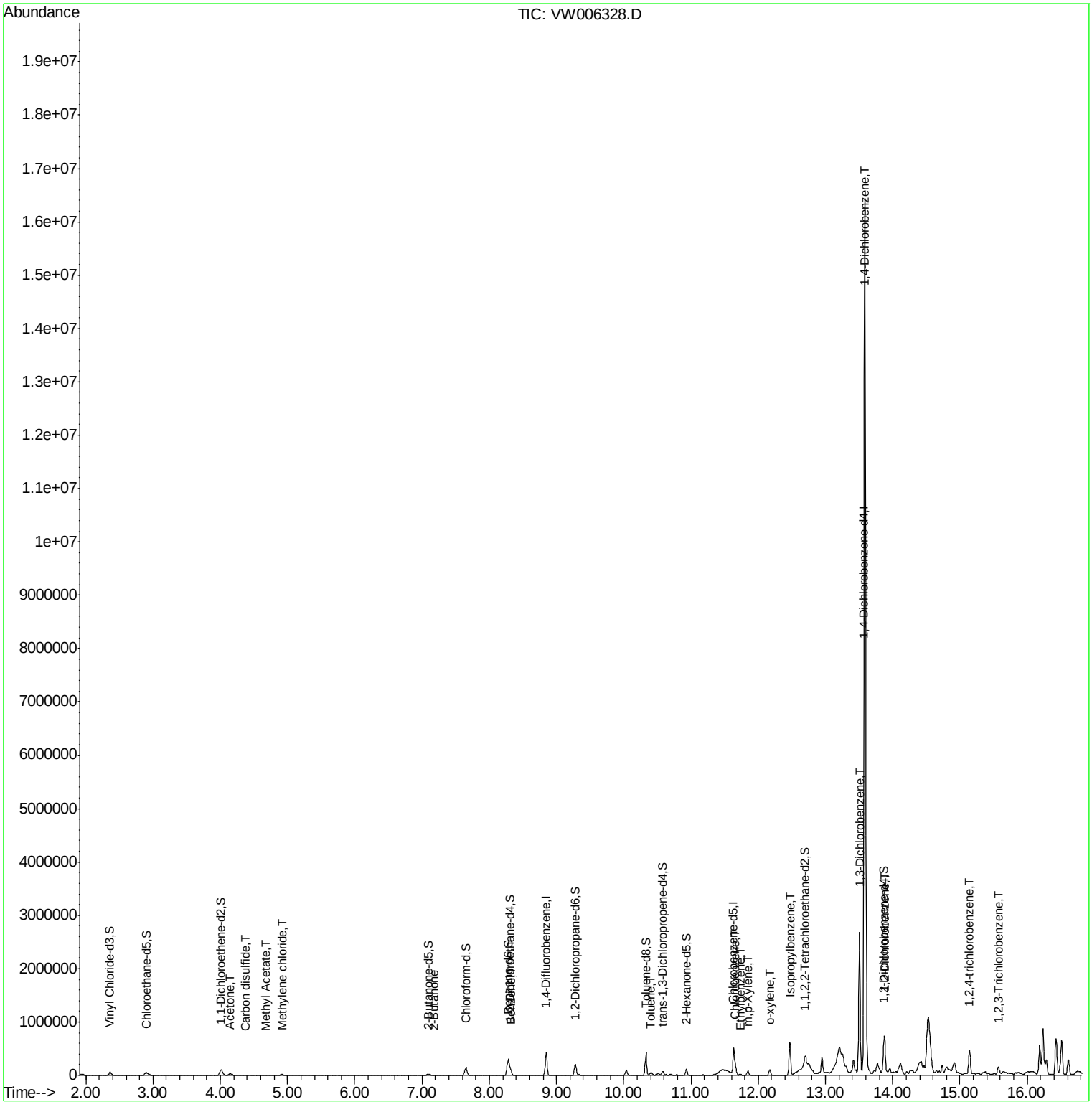
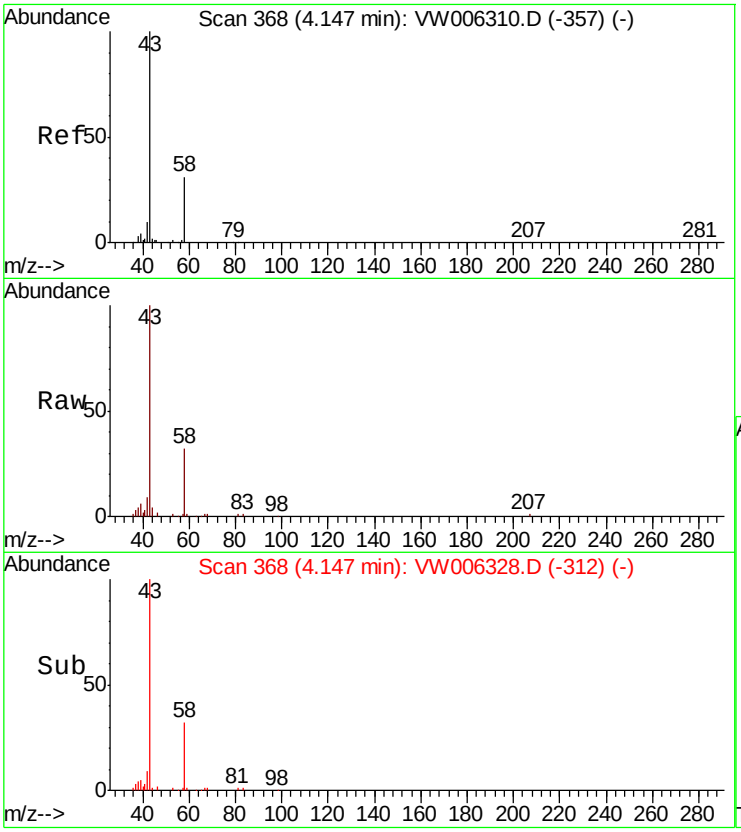
10/29/2018 5:57:42 PM





#13
Acetone
Concen: 38.901 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 43 Resp: 55057

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	61.2

Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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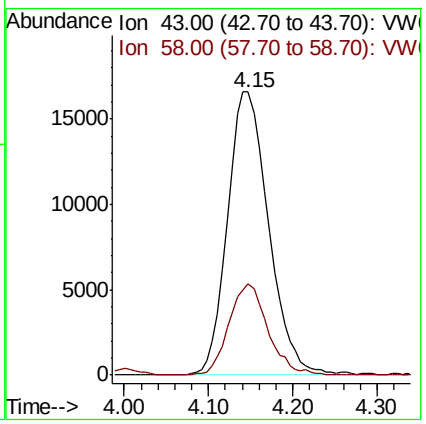
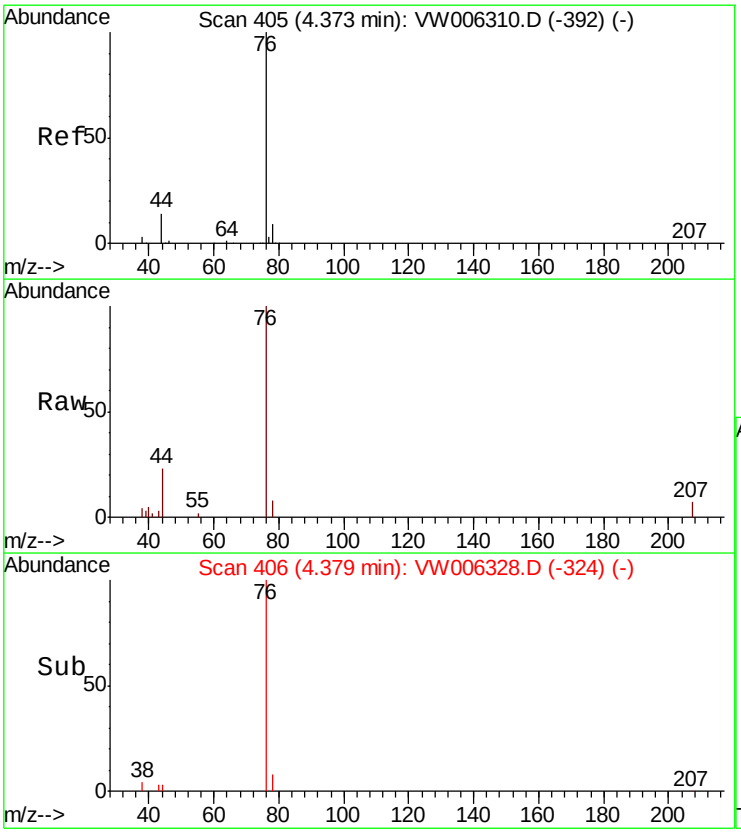
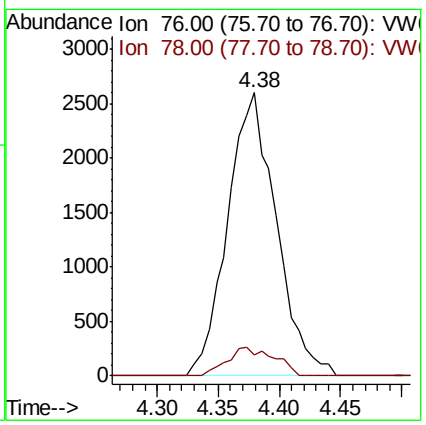


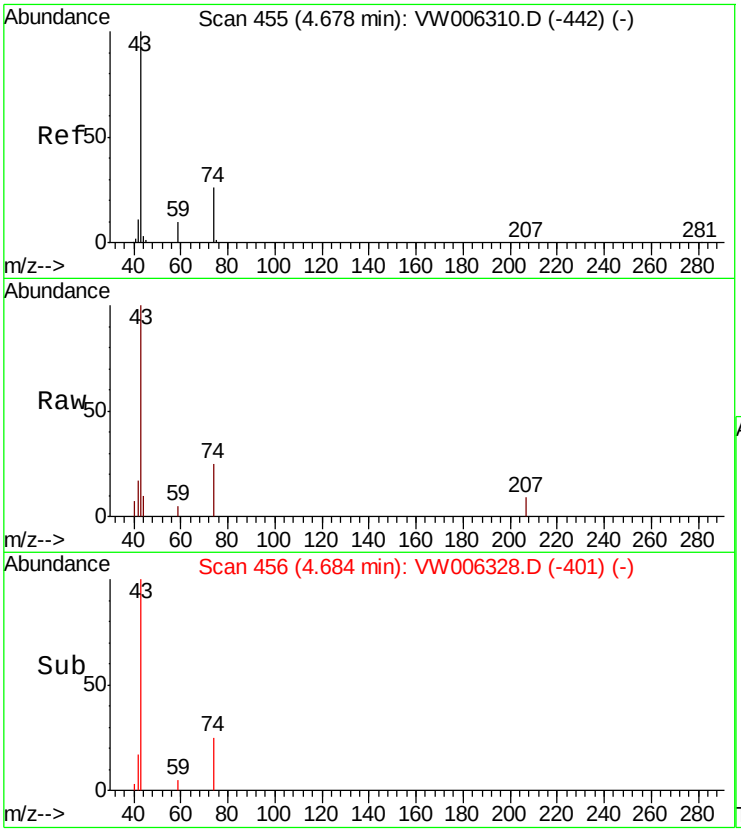


#14
Carbon disulfide
Concen: 0.511 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 76 Resp: 7187

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.6	11.4#

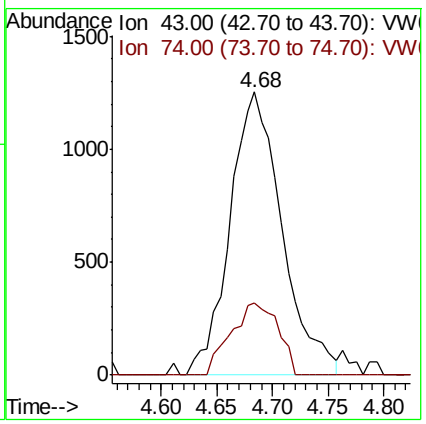




#15
Methyl Acetate
Concen: 1.784 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 43 Resp: 4090

Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.4	29.2



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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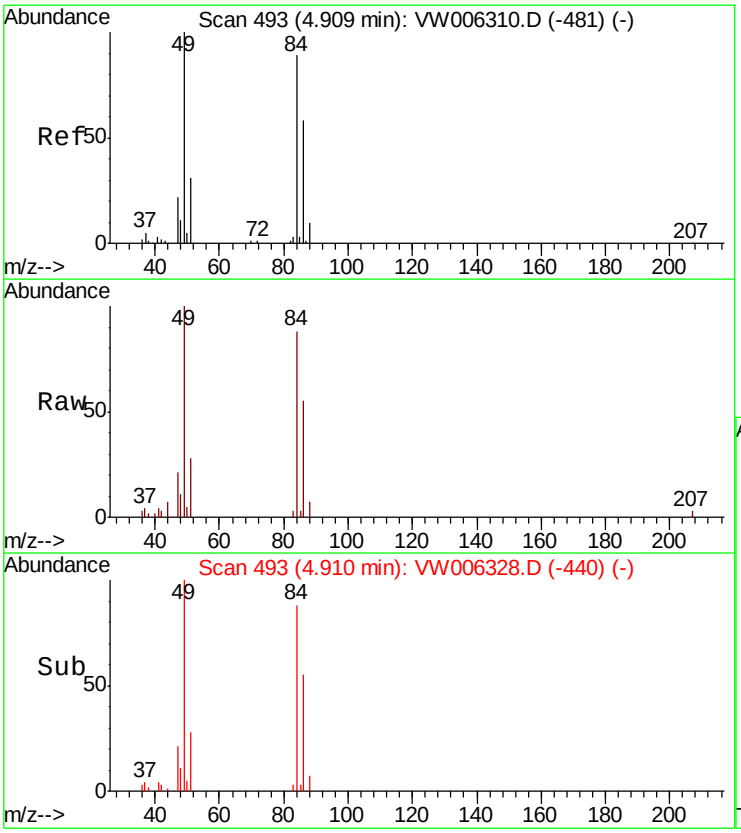
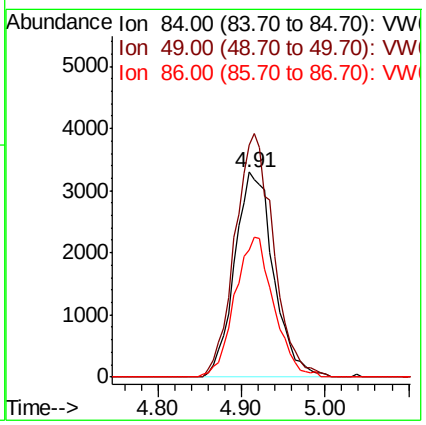
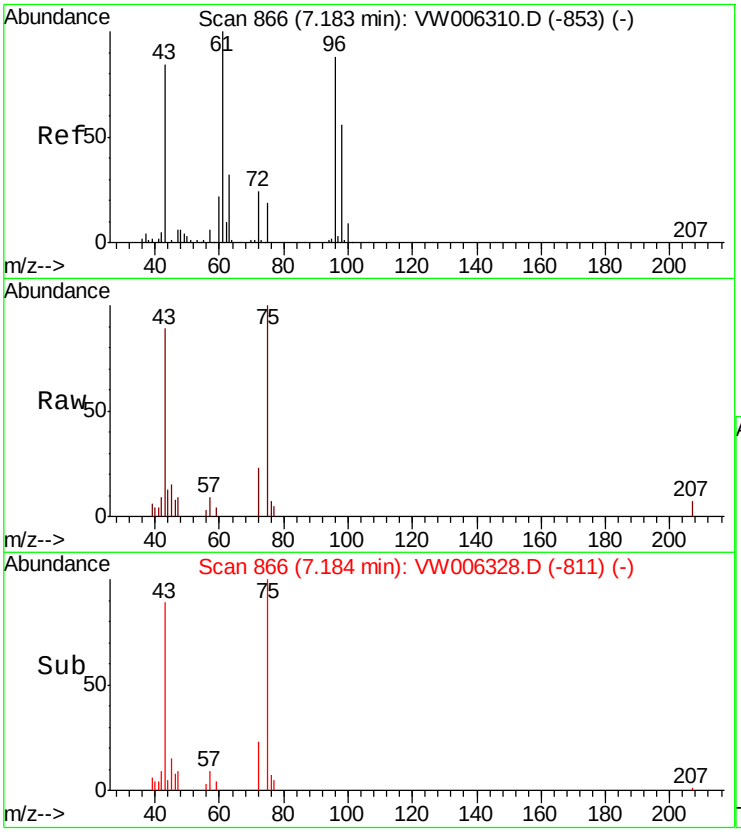


#16
Methylene chloride
Concen: 2.190 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 84 Resp: 10596

Ion	Ratio	Lower	Upper
84	100		
49	113.1	83.5	155.1
86	62.0	44.9	83.5

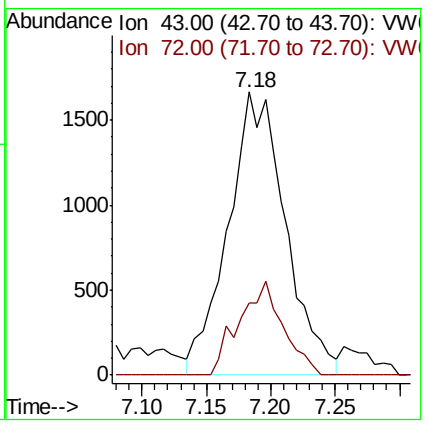




#21
2-Butanone
Concen: 2.737 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 43 Resp: 5147

Ion	Ratio	Lower	Upper
43	100		
72	25.5	13.8	41.4



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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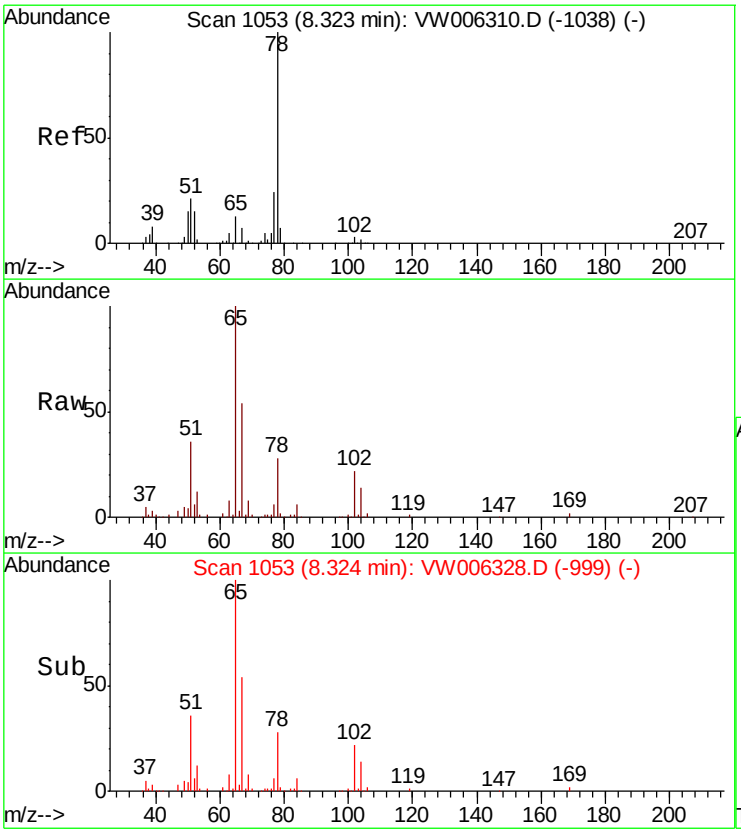
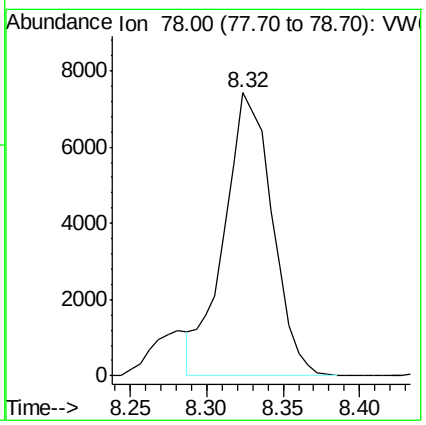
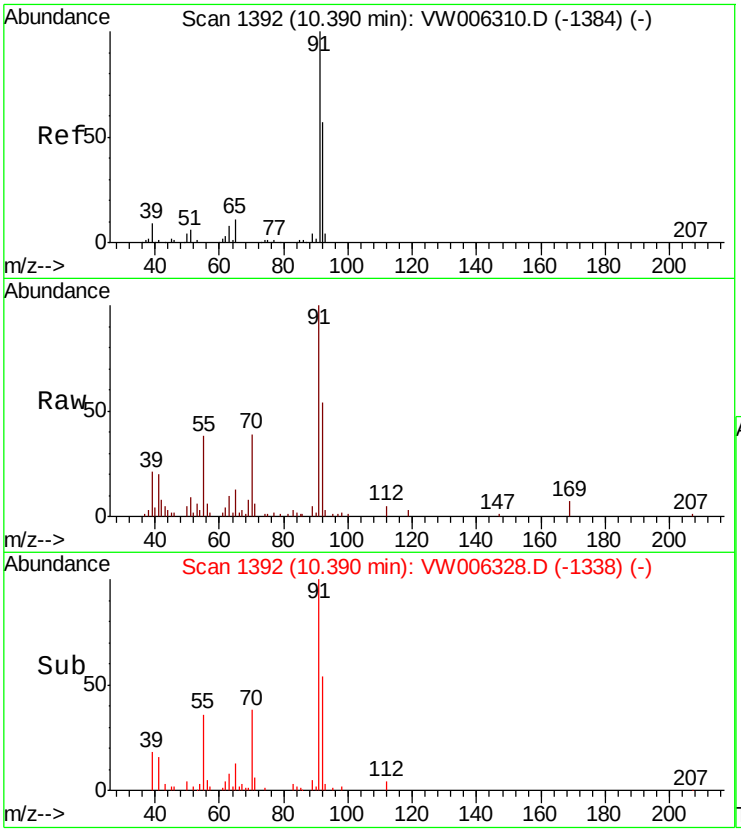


#34
Benzene
Concen: 1.093 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 78 Resp: 16254





#44
Toluene
Concen: 0.818 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 91 Resp: 13663

Ion	Ratio	Lower	Upper
91	100		
92	53.9	40.4	75.0

Instrument :
MSVOA_W
ClientSampleId :
A40G2

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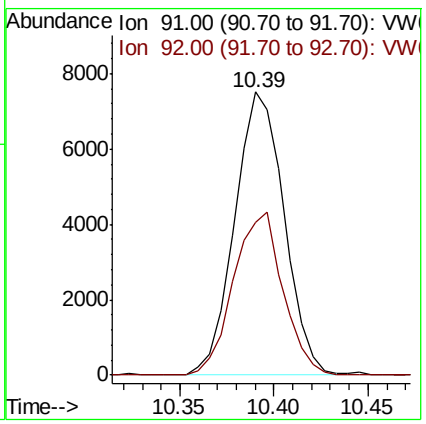
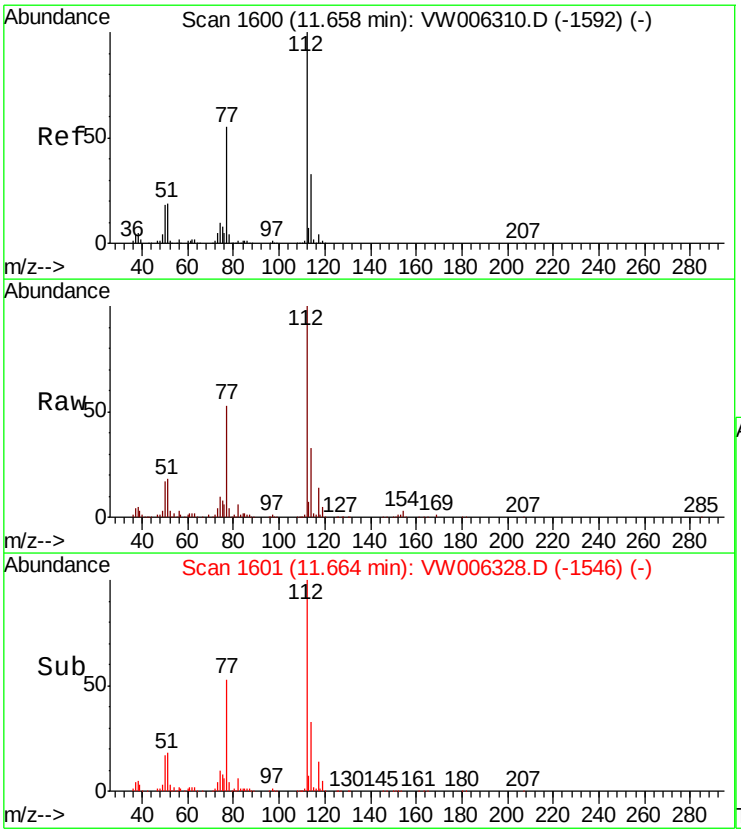
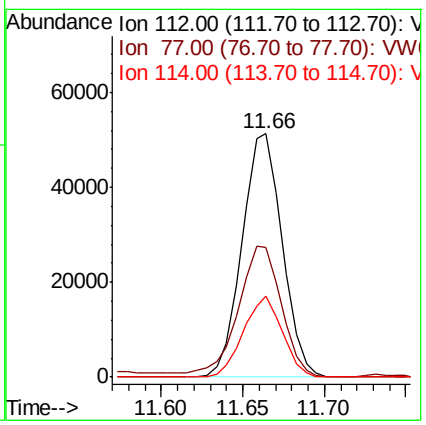


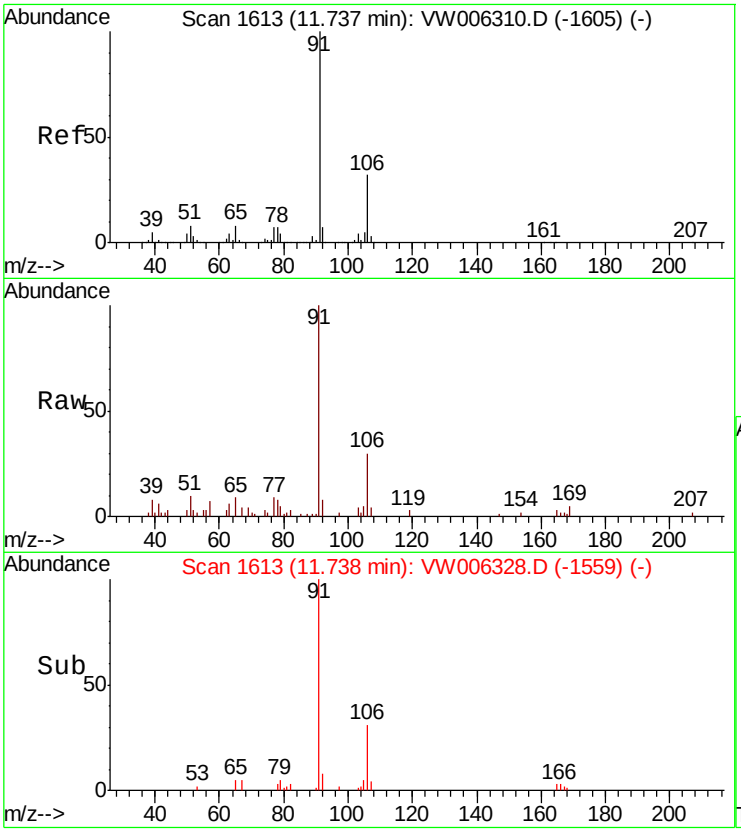


#52
Chlorobenzene
Concen: 7.780 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:112 Resp: 87926

Ion	Ratio	Lower	Upper
112	100		
77	53.2	44.2	66.2
114	33.2	22.1	41.1

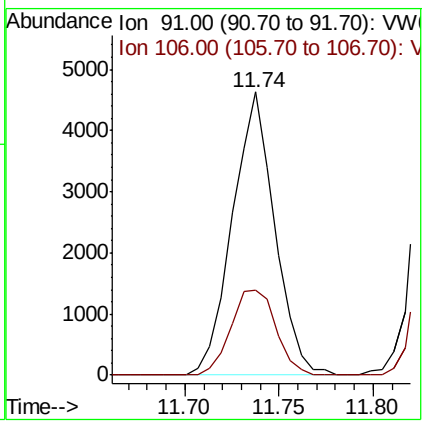




#53
Ethylbenzene
Concen: 0.370 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion: 91 Resp: 7190

Ion	Ratio	Lower	Upper
91	100		
106	30.1	22.6	42.0



Instrument :
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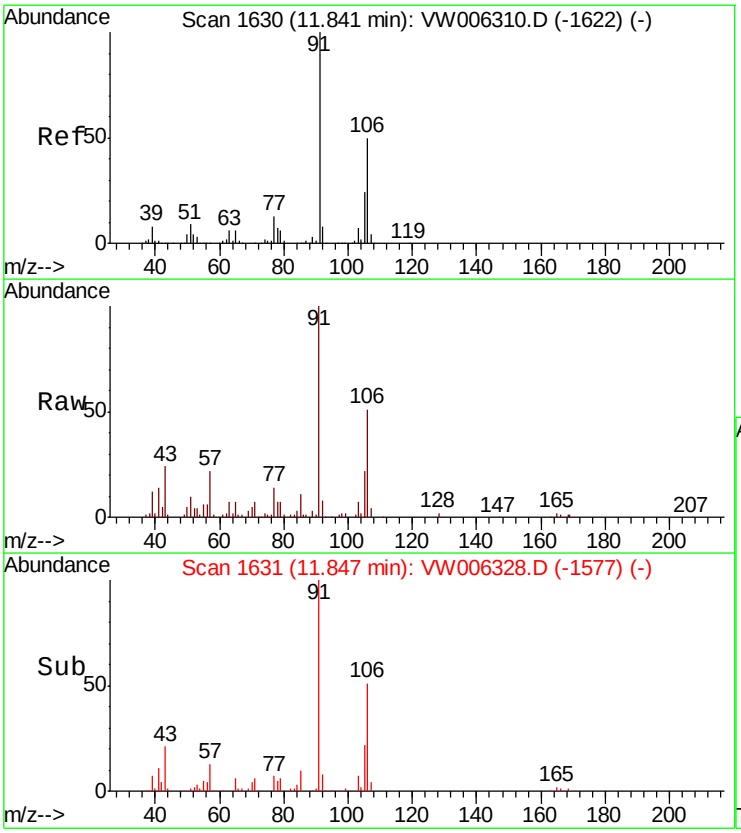
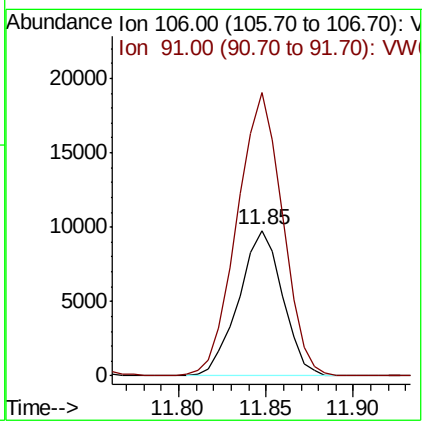
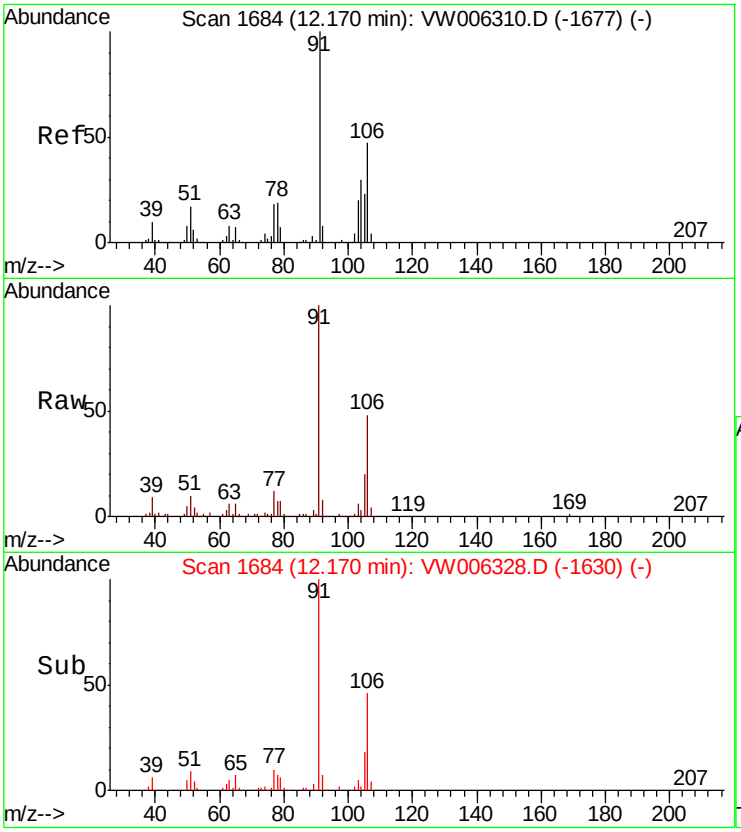


#54
m,p-Xylene
Concen: 2.236 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:106 Resp: 17040

Ion	Ratio	Lower	Upper
106	100		
91	195.0	138.4	257.0





#55
o-xylene
Concen: 3.888 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:106 Resp: 28289

Ion	Ratio	Lower	Upper
106	100		
91	206.9	148.7	276.1

Instrument :
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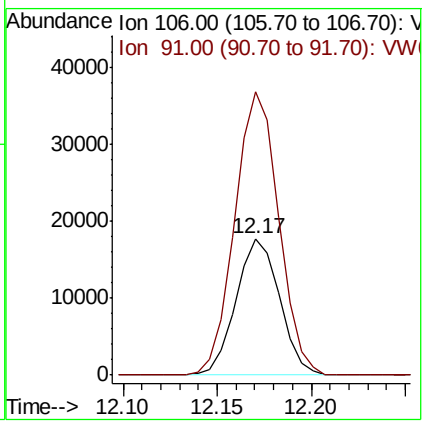
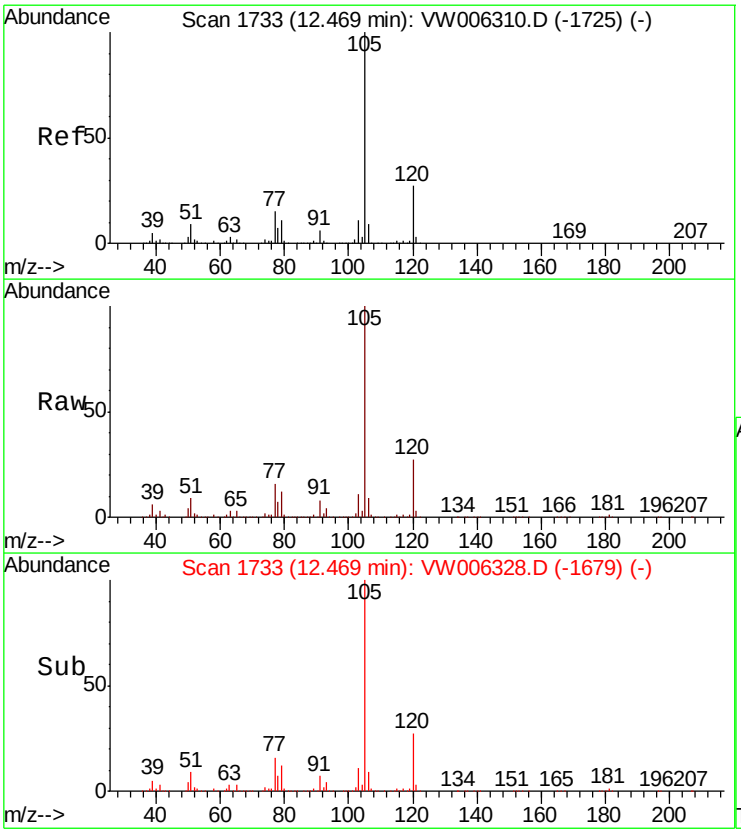
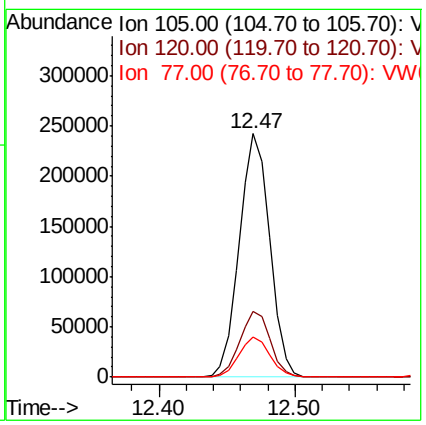


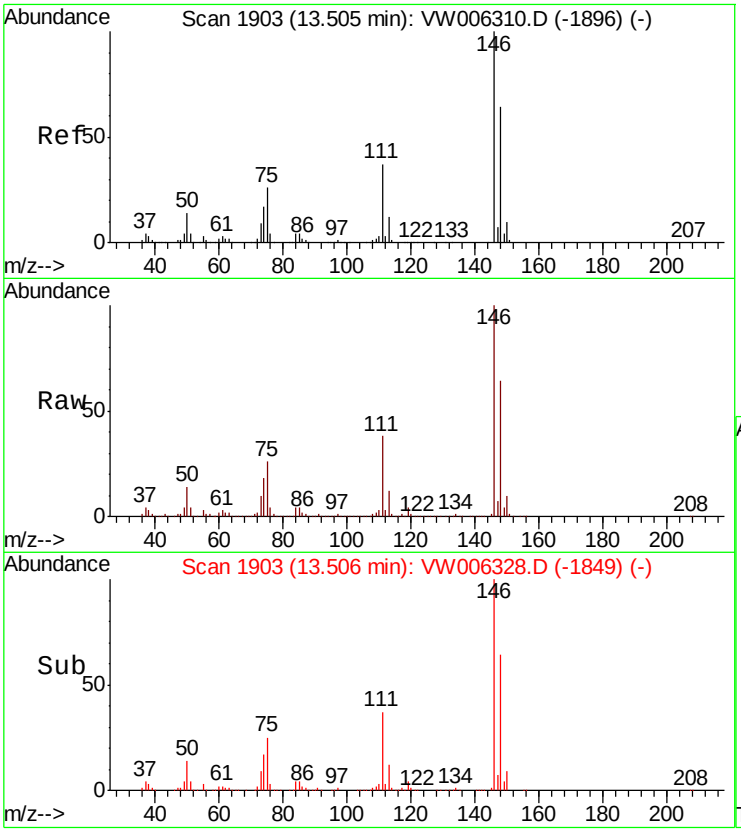


#57
Isopropylbenzene
Concen: 18.743 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:105 Resp: 379483

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.8	32.6
77	16.8	12.2	18.2

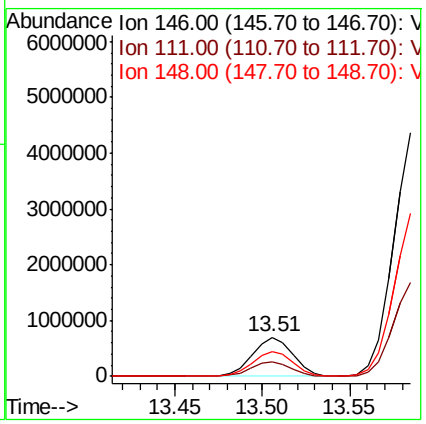




#63
1,3-Dichlorobenzene
Concen: 199.484 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:146 Resp: 1111071

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.3	48.9
148	64.1	44.7	82.9



Instrument :
MSVOA_W
ClientSampleId :
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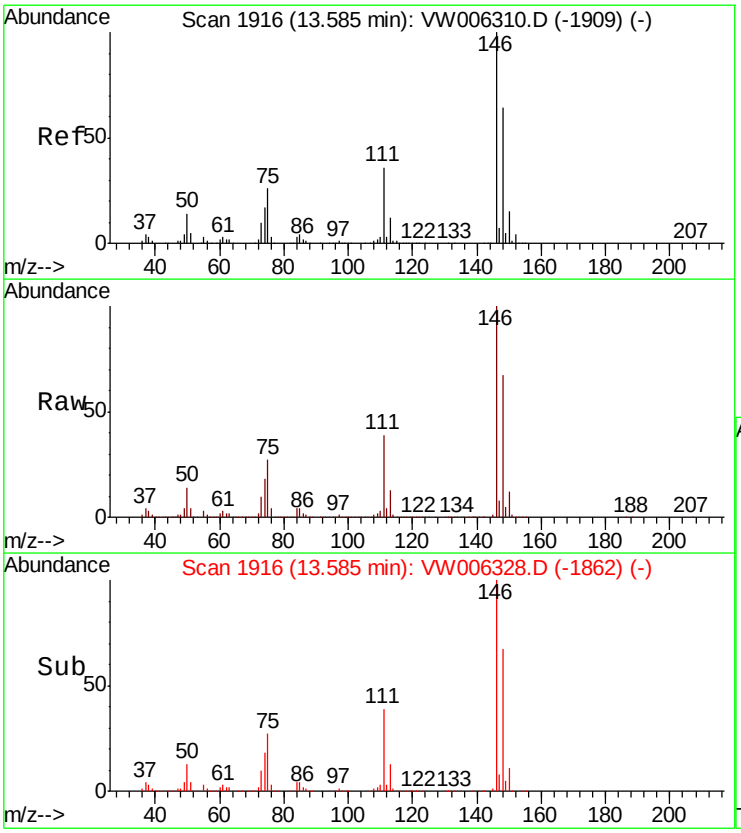
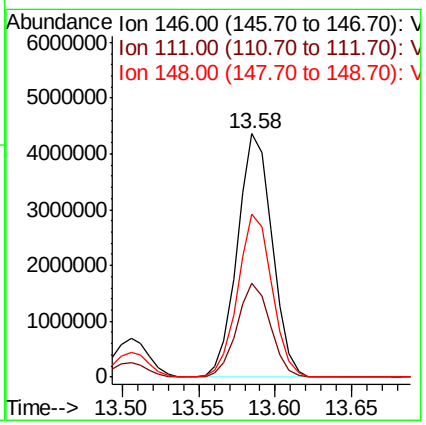
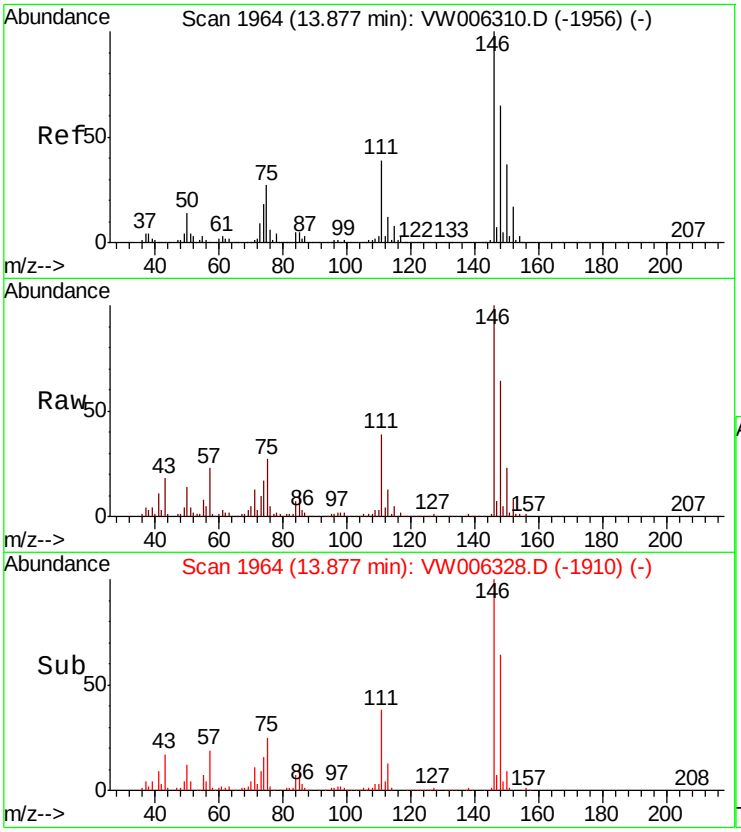


#64
1,4-Dichlorobenzene
Concen: 1226.603 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:146 Resp: 6879746

Ion	Ratio	Lower	Upper
146	100		
111	38.7	24.7	45.9
148	66.8	44.9	83.5

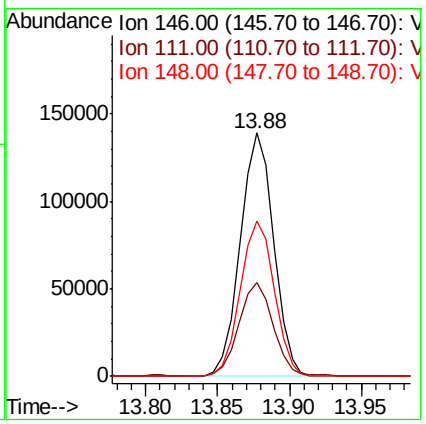




#65
1,2-Dichlorobenzene
Concen: 43.499 ug/L
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:146 Resp: 222883

Ion	Ratio	Lower	Upper
146	100		
111	38.6	31.1	46.7
148	63.9	51.2	76.8



Instrument :
MSVOA_W
ClientSampleId :
A40G2

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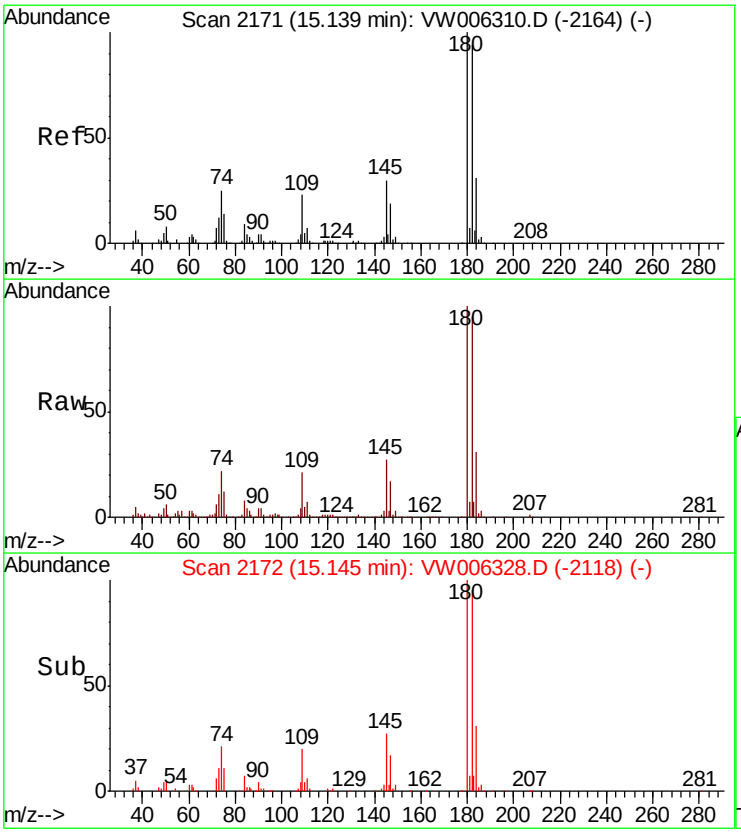
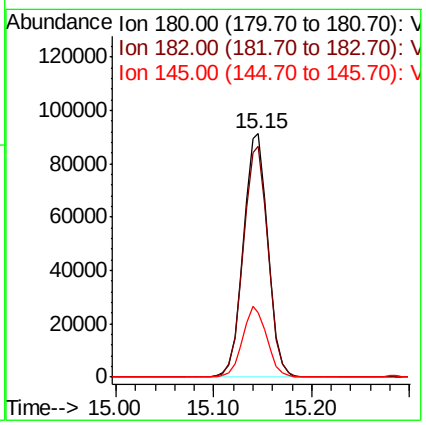
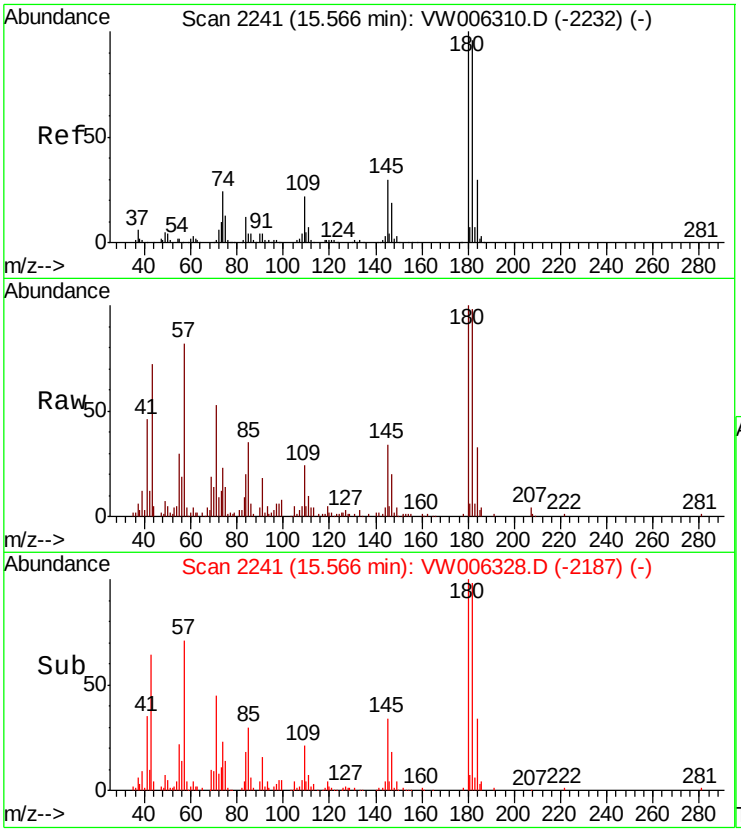


#68
1,2,4-trichlorobenzene
Concen: 41.311 ug/L
RT: 15.15 min Scan# 2172
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:180 Resp: 158150

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	28.6	23.0	34.6

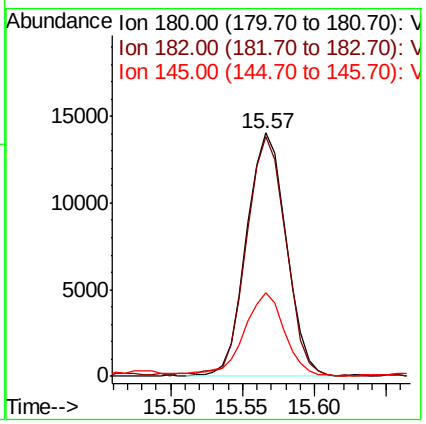




#70
1,2,3-Trichlorobenzene
Concen: 7.804 ug/L
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006328.D
Acq: 24 Oct 2018 19:01

Tgt Ion:180 Resp: 26841

Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.5	113.3
145	35.2	24.5	36.7



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
MMDadoda
10/29/2018 5:57:42 PM