Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
Data File : VW006408.D
Acq On : 26 Oct 2018 15:40
Operator : SY/AP
Sample : J5635-25
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Manual Integrations APPROVED
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Quant Time: Nov 13 17:42:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341692	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	288652	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	105839m	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	74150	19.24	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.96%				
7) Chloroethane-d5	2.90	69	74228	22.38	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.52%				
10) 1,1-Dichloroethene-d2	4.01	63	113793	15.38	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.52%				
20) 2-Butanone-d5	7.09	46	48399	37.89	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.78%				
24) Chloroform-d	7.65	84	175777	23.75	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.00%				
26) 1,2-Dichloroethane-d4	8.31	65	95198	23.25	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%				
29) Benzene-d6	8.27	84	346197	26.42	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.68%				
33) 1,2-Dichloropropane-d6	9.27	67	101182	25.58	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.32%				
37) Toluene-d8	10.33	98	317882	24.26	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.04%				
38) trans-1,3-Dichloropropene-	10.58	79	38369	19.96	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.84%				
39) 2-Hexanone-d5	10.93	63	40383	42.26	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.52%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82894	21.55	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.20%				
61) 1,2-Dichlorobenzene-d4	13.86	152	82376	22.71	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.84%				
Target Compounds							Qvalue
13) Acetone	4.13	43	35447	27.470	ug/L		99
14) Carbon disulfide	4.37	76	8179	0.638	ug/L		98
21) 2-Butanone	7.18	43	5986	3.491	ug/L	#	70
34) Benzene	8.32	78	22915	1.546	ug/L		100
44) Toluene	10.39	91	10201	0.613	ug/L		95
52) Chlorobenzene	11.66	112	37972	3.372	ug/L		97
54) m,p-Xylene	11.85	106	7767	1.023	ug/L		95
55) o-xylene	12.17	106	12824	1.769	ug/L		98
57) Isopropylbenzene	12.47	105	150507	7.461	ug/L		99
63) 1,3-Dichlorobenzene	13.51	146	504963	77.691	ug/L		99
64) 1,4-Dichlorobenzene	13.58	146	3238880	494.850	ug/L		98
65) 1,2-Dichlorobenzene	13.88	146	110039	18.403	ug/L		98
68) 1,2,4-trichlorobenzene	15.15	180	7218	1.616	ug/L	#	94

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

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Instrument :
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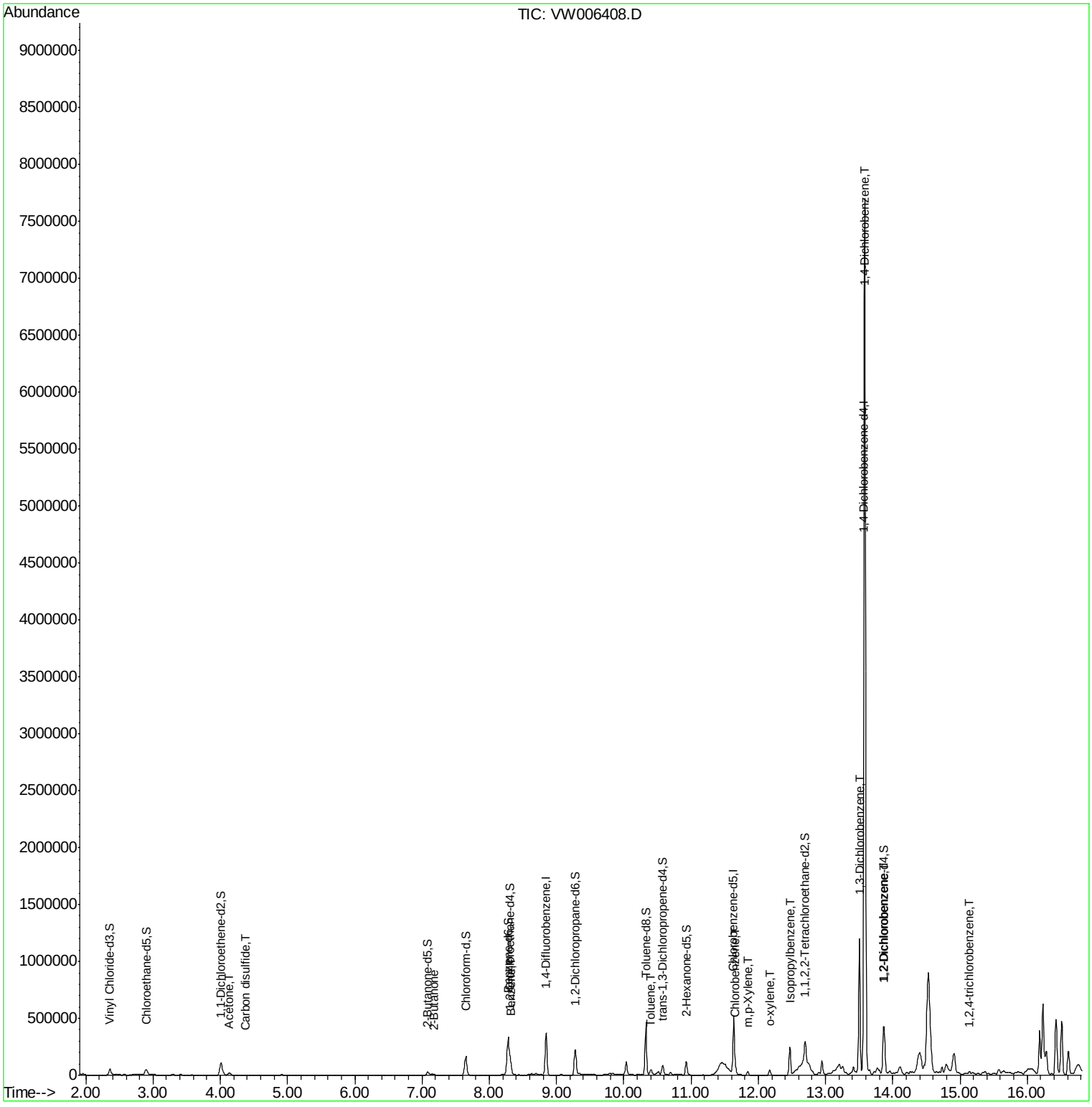
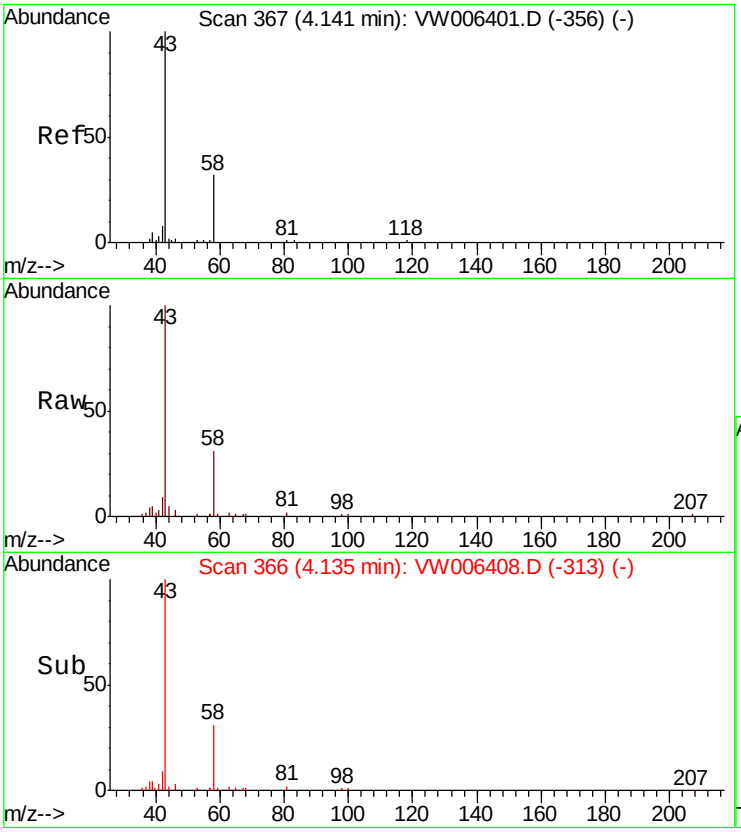
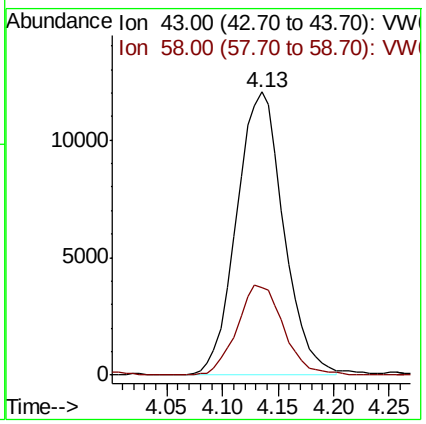




#13
Acetone
Concen: 27.470 ug/L
RT: 4.13 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion: 43 Resp: 35447

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	61.2



Instrument :
MSVOA_W
ClientSampleId :
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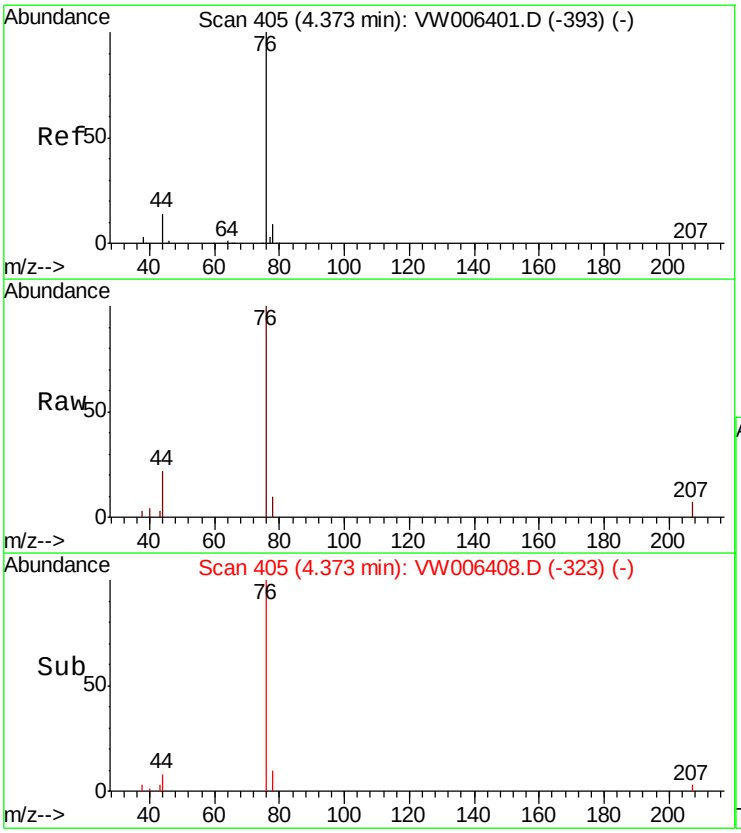
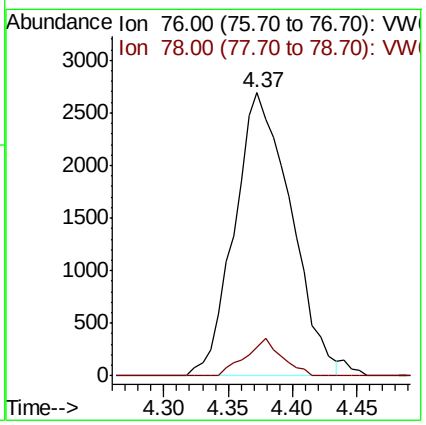
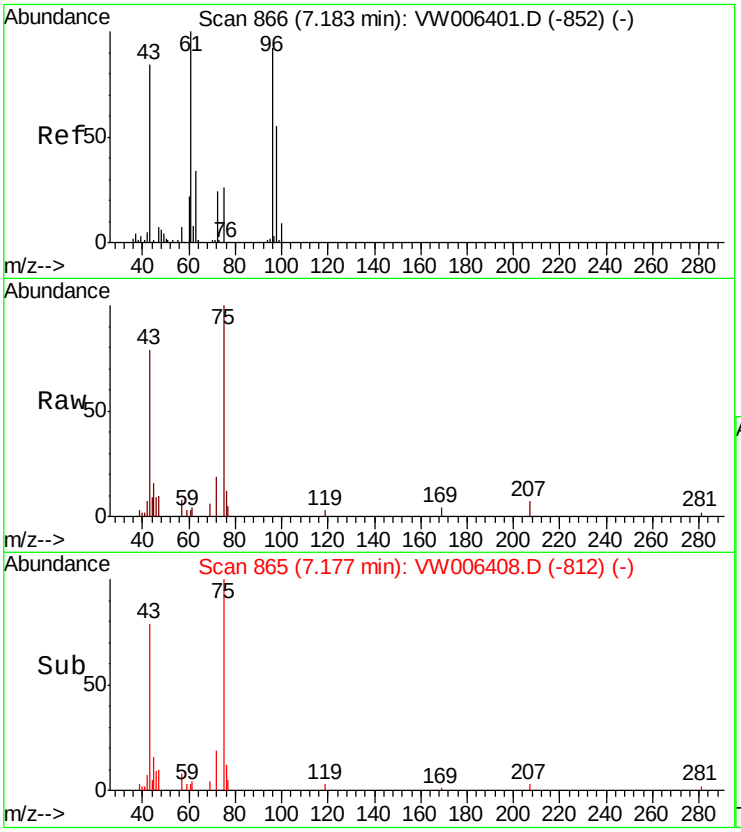


#14
Carbon disulfide
Concen: 0.638 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion: 76 Resp: 8179

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.6	11.4

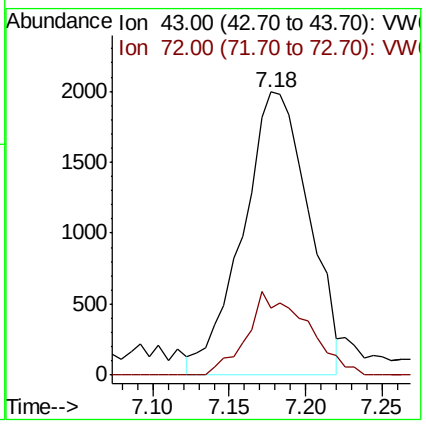




#21
2-Butanone
Concen: 3.491 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion: 43 Resp: 5986

Ion	Ratio	Lower	Upper
43	100		
72	11.8	13.8	41.4#



Instrument :
MSVOA_W
ClientSampleId :
A40G1

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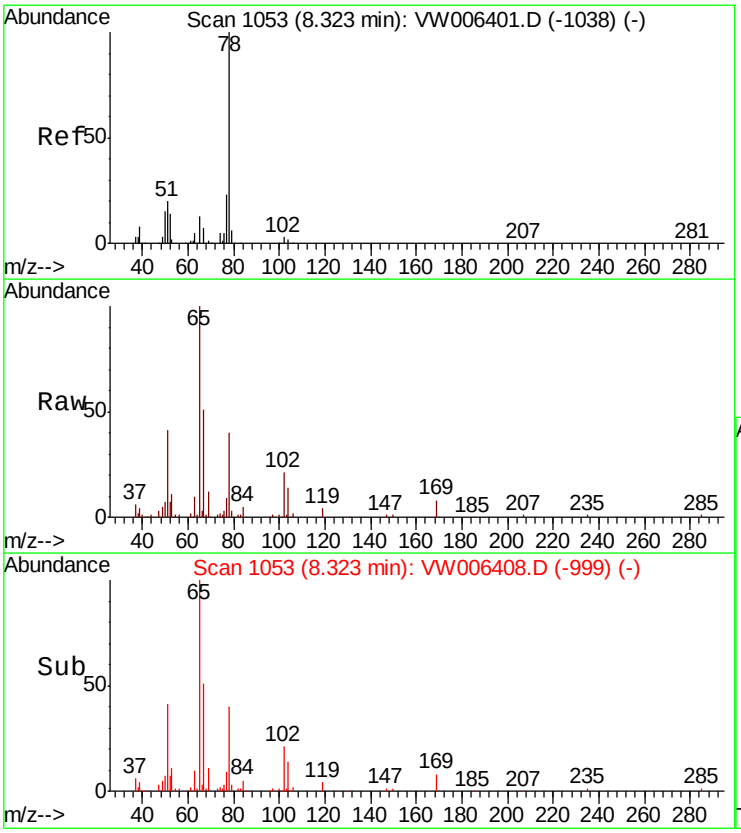
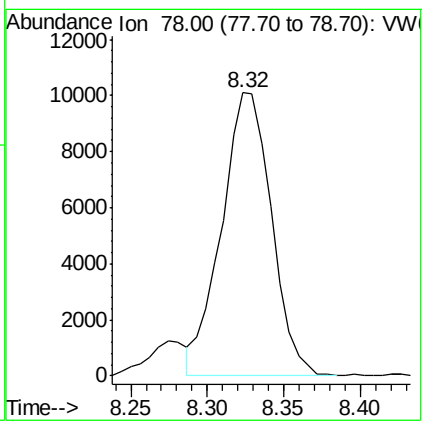
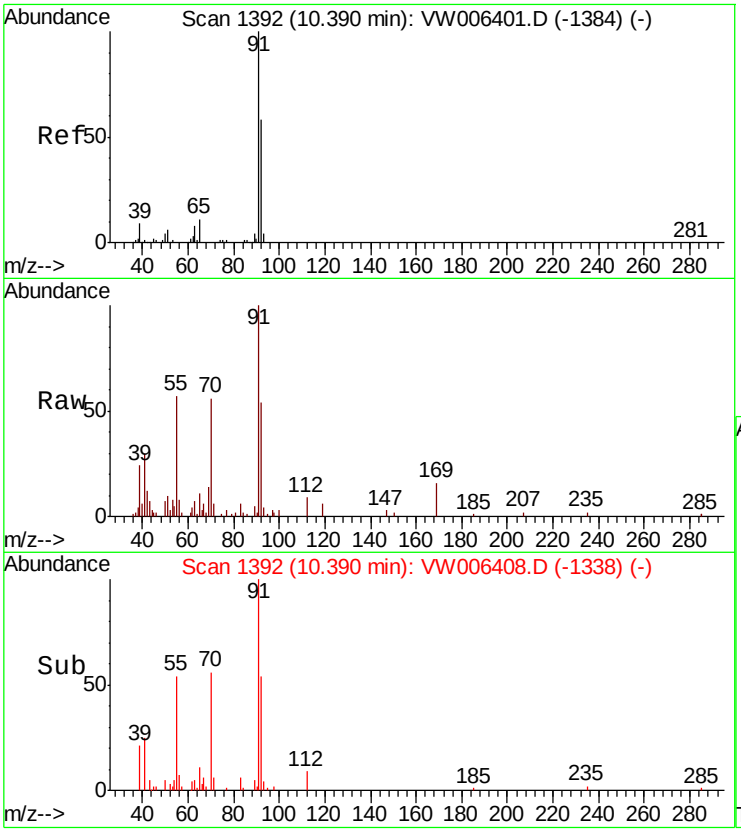


#34
Benzene
Concen: 1.546 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion: 78 Resp: 22915





#44
Toluene
Concen: 0.613 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion: 91 Resp: 10201

Ion	Ratio	Lower	Upper
91	100		
92	53.7	40.4	75.0

Instrument :
MSVOA_W
ClientSampleId :
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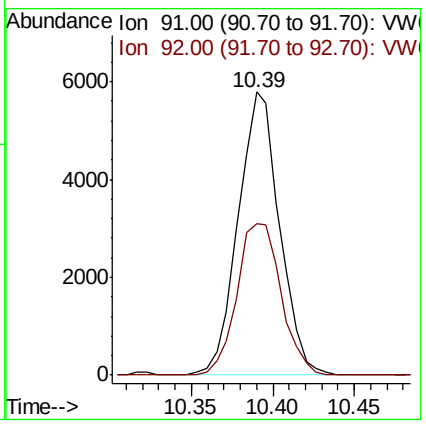
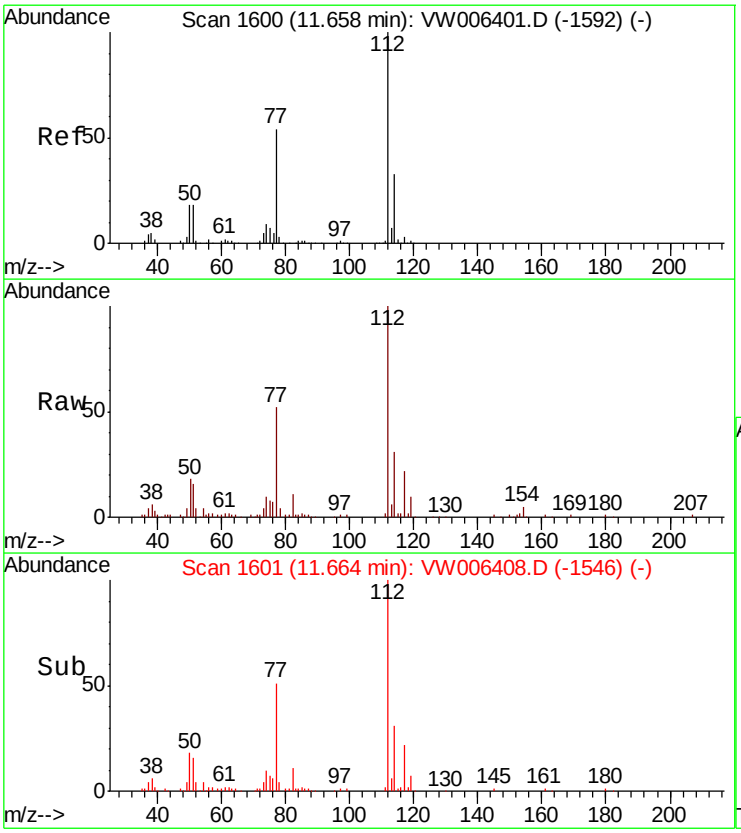
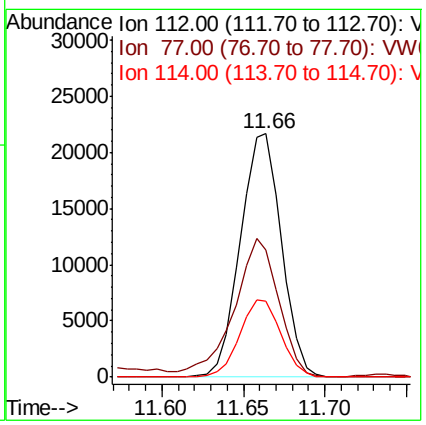


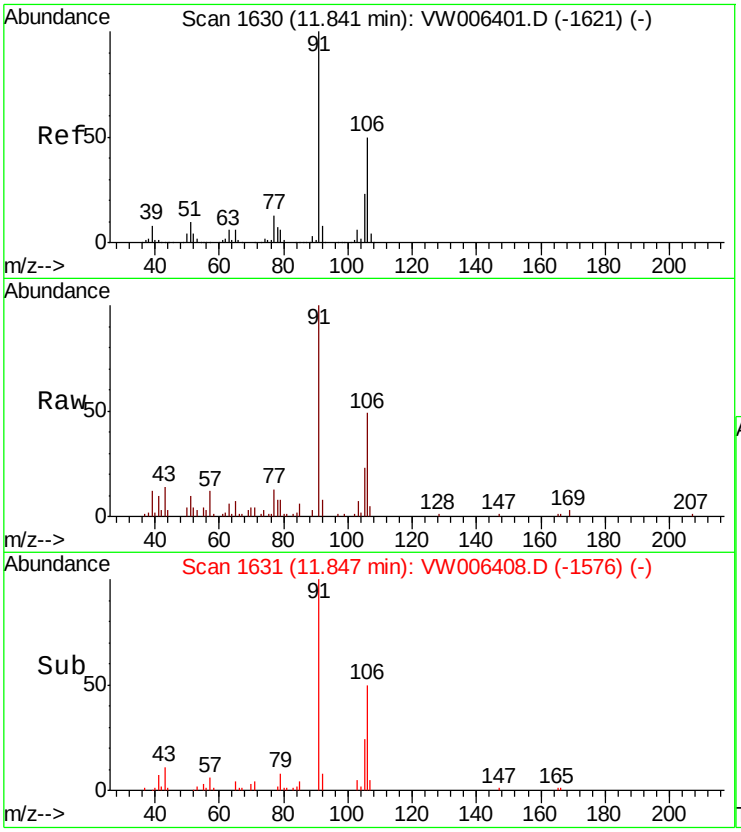


#52
Chlorobenzene
Concen: 3.372 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:112 Resp: 37972

Ion	Ratio	Lower	Upper
112	100		
77	52.0	44.2	66.2
114	31.1	22.1	41.1





#54
m,p-Xylene
Concen: 1.023 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:106 Resp: 7767

Ion	Ratio	Lower	Upper
106	100		
91	205.8	138.4	257.0

Instrument :
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ClientSampleId :
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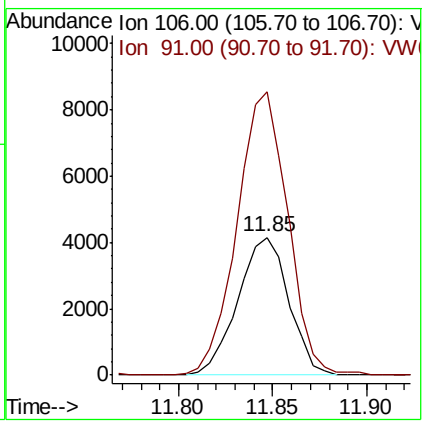
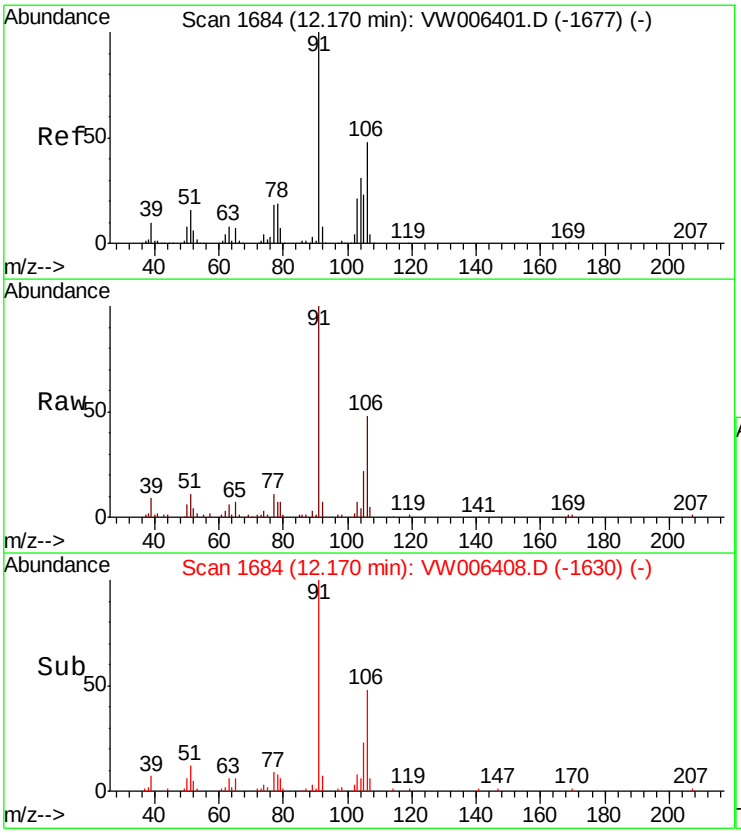
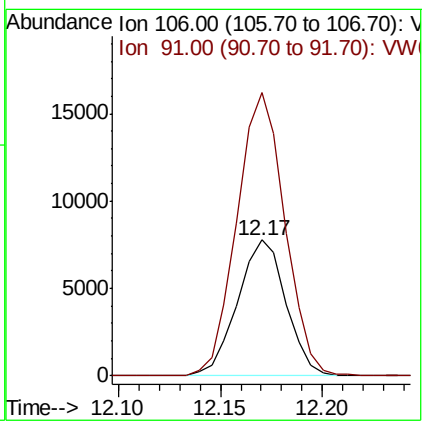


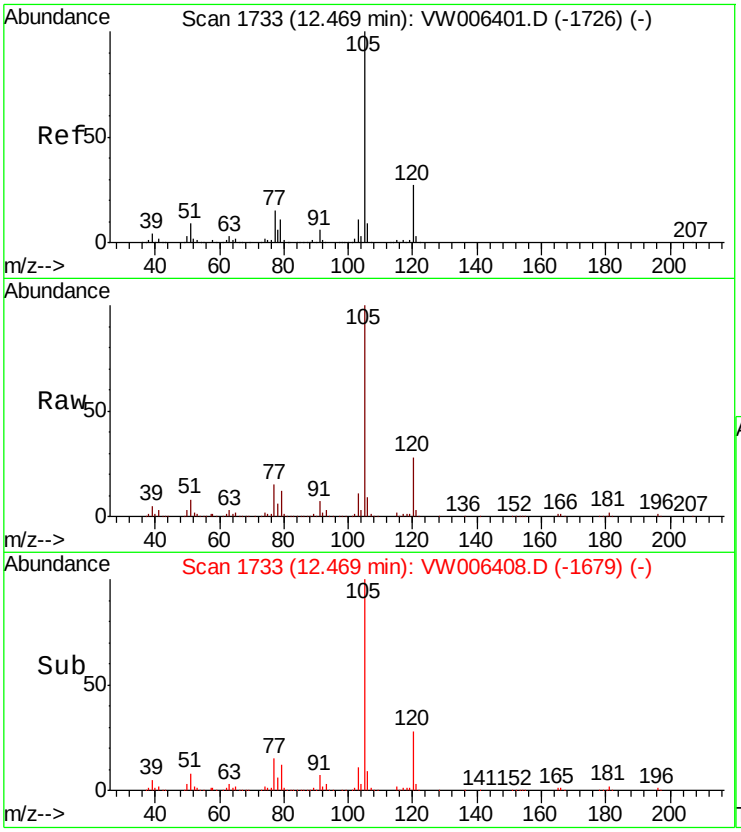


#55
o-xylene
Concen: 1.769 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:106 Resp: 12824

Ion	Ratio	Lower	Upper
106	100		
91	208.6	148.7	276.1

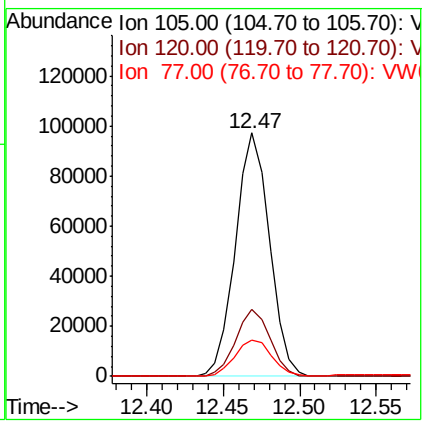




#57
Isopropylbenzene
Concen: 7.461 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:105 Resp: 150507

Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.8	32.6
77	16.2	12.2	18.2



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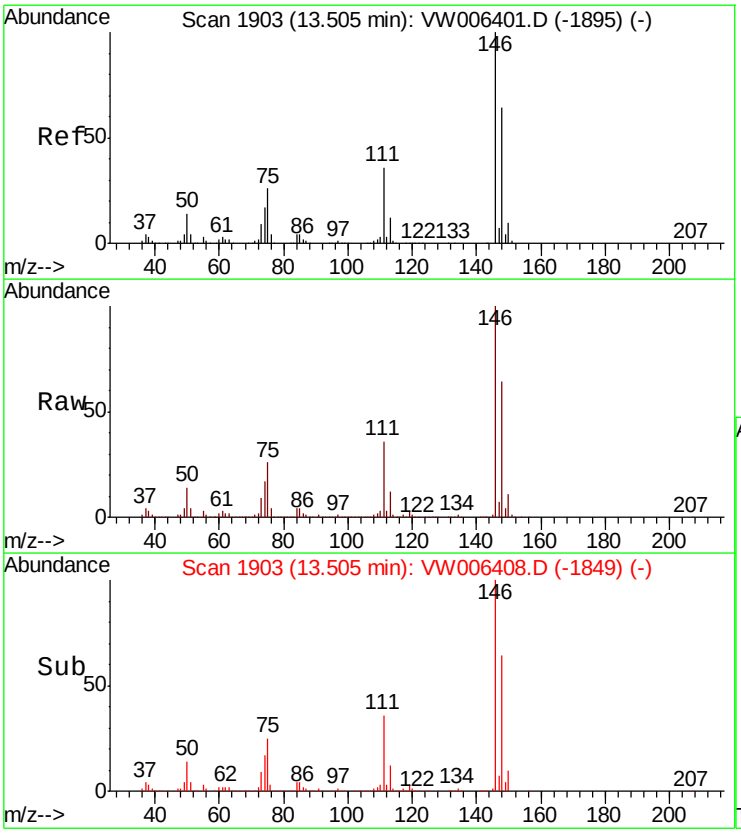
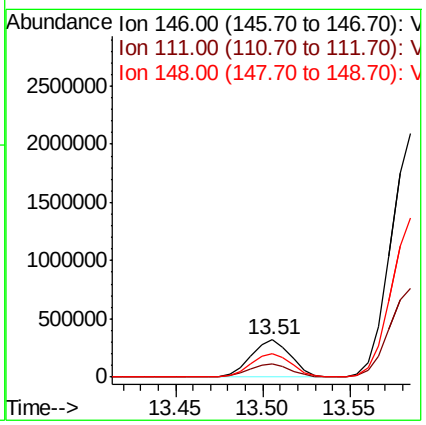
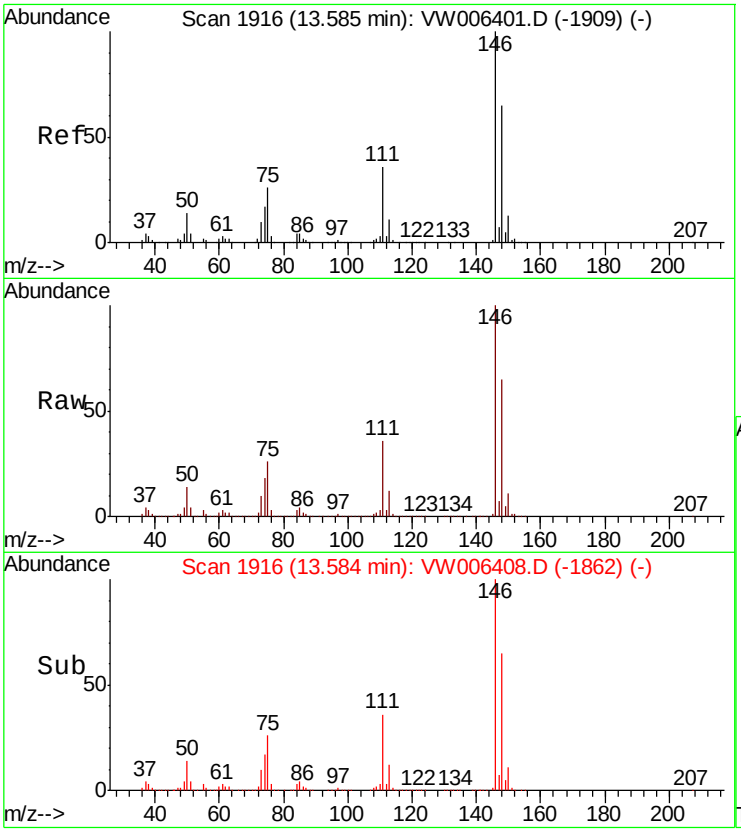


#63
1,3-Dichlorobenzene
Concen: 77.691 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:146 Resp: 504963

Ion	Ratio	Lower	Upper
146	100		
111	36.5	26.3	48.9
148	64.4	44.7	82.9

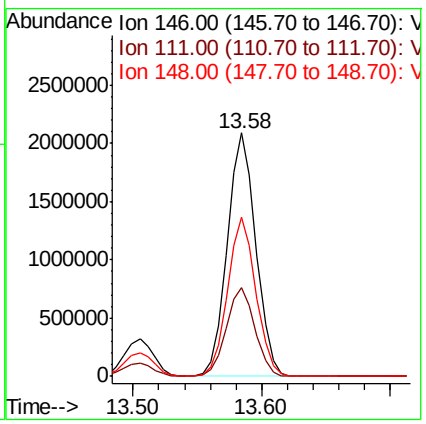




#64
1,4-Dichlorobenzene
Concen: 494.850 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:146 Resp: 3238880

Ion	Ratio	Lower	Upper
146	100		
111	36.4	24.7	45.9
148	65.2	44.9	83.5



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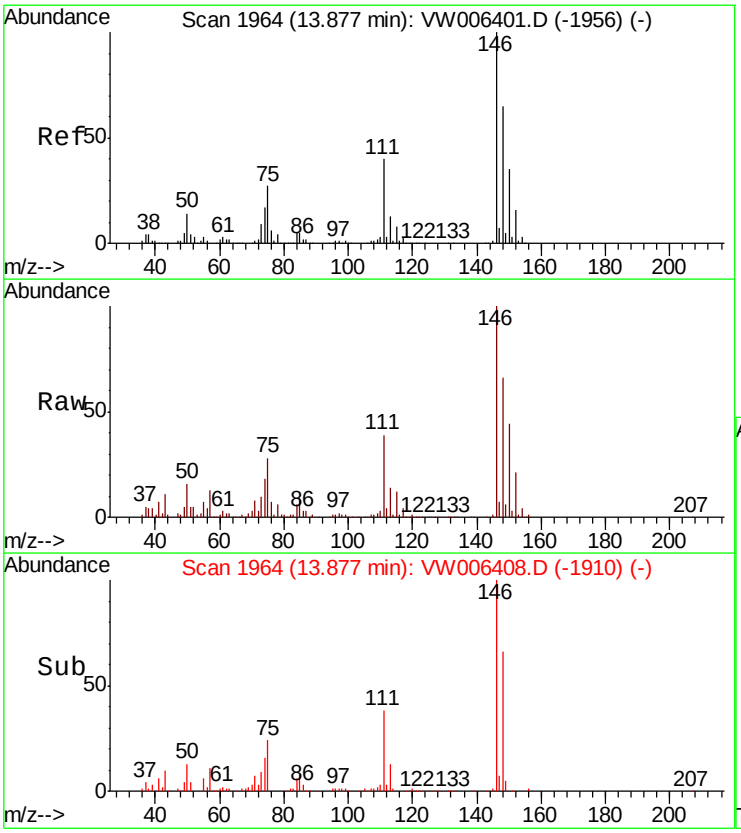
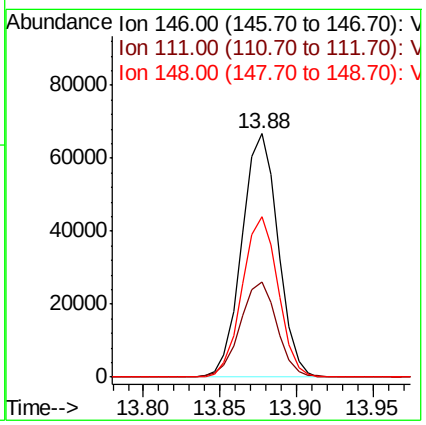
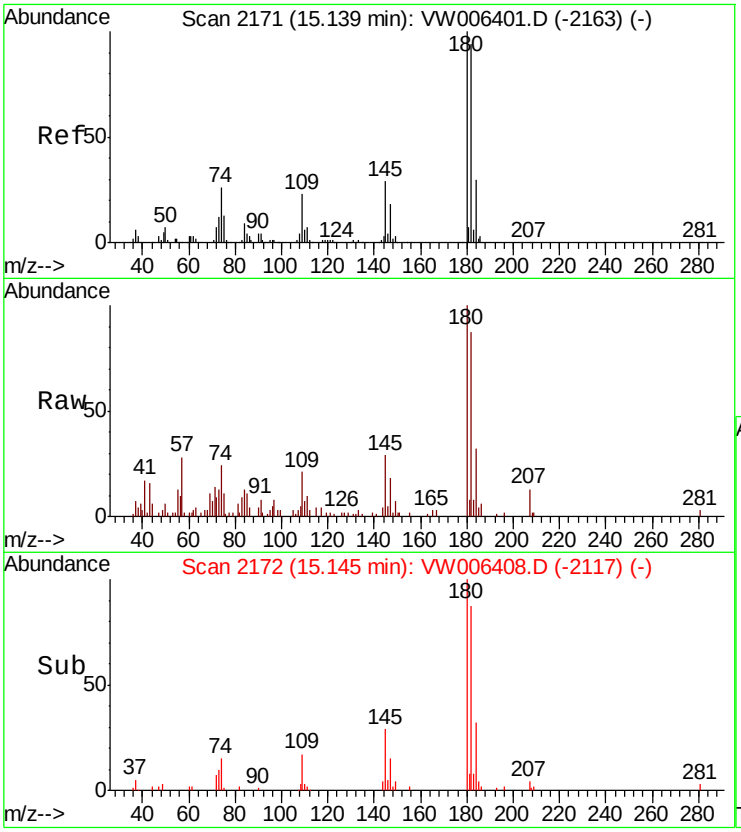


#65
1,2-Dichlorobenzene
Concen: 18.403 ug/L
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:146 Resp: 110039

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.1	46.7
148	66.1	51.2	76.8

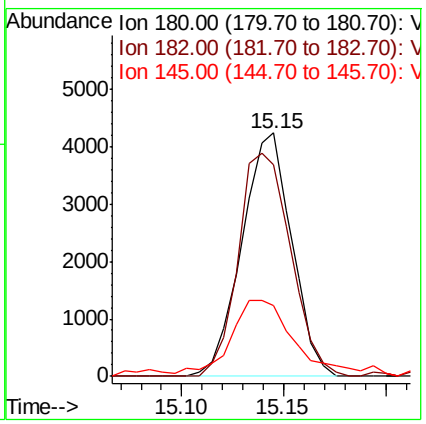




#68
1,2,4-trichlorobenzene
Concen: 1.616 ug/L
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW006408.D
Acq: 26 Oct 2018 15:40

Tgt Ion:180 Resp: 7218

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.2
145	39.9	23.0	34.6#



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