Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006327.D
Acq On : 24 Oct 2018 18:35
Operator : SY/AP
Sample : J5635-25
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40G1

Quant Time: Oct 25 07:37:46 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	343168	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266463	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.86	152	44979	25.00	ug/L	0.29
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	78870	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.52%			
7) Chloroethane-d5	2.90	69	76694	23.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.08%			
10) 1,1-Dichloroethene-d2	4.01	63	119481	16.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.32%			
20) 2-Butanone-d5	7.09	46	48817	38.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.10%			
24) Chloroform-d	7.65	84	171146	23.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.08%			
26) 1,2-Dichloroethane-d4	8.31	65	95884	23.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
29) Benzene-d6	8.28	84	340679	28.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.64%			
33) 1,2-Dichloropropane-d6	9.28	67	99089	27.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.56%			
37) Toluene-d8	10.33	98	307329	25.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.60%			
38) trans-1,3-Dichloropropene-	10.58	79	36047	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.28%			
39) 2-Hexanone-d5	10.93	63	40448	45.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.70%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67618	19.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	50155	32.53	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 130.12%#			
Target Compounds						Qvalue
13) Acetone	4.14	43	34926	26.949	ug/L	100
14) Carbon disulfide	4.38	76	12869	0.999	ug/L	98
15) Methyl Acetate	4.67	43	1069	0.509	ug/L #	81
16) Methylene chloride	4.92	84	9944	2.244	ug/L	96
21) 2-Butanone	7.19	43	3562	2.068	ug/L	74
34) Benzene	8.32	78	14840	1.085	ug/L	100
35) Trichloroethene	8.85	95	9784	2.542	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	11631	3.428	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2717	0.490	ug/L #	76
44) Toluene	10.39	91	17073	1.112	ug/L	95
49) 2-Hexanone	10.93	43	6322	3.155	ug/L #	61
52) Chlorobenzene	11.66	112	21706	2.088	ug/L	99
53) Ethylbenzene	11.74	91	17159	0.960	ug/L	95
54) m,p-Xylene	11.84	106	23107	3.297	ug/L	95
55) o-xylene	12.17	106	34877	5.211	ug/L	94
57) Isopropylbenzene	12.47	105	331651	17.810	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	369574	133.798	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006327.D
Acq On : 24 Oct 2018 18:35
Operator : SY/AP
Sample : J5635-25
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40G1

Quant Time: Oct 25 07:37:46 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)
64) 1,4-Dichlorobenzene	13.58	146	2243900	806.711	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	85153	33.511	ug/L	99
67) 1,3,5-Trichlorobenzene	15.14	180	316202	142.017	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	316202	166.549	ug/L	100
69) Naphthalene	15.38	128	56674	14.744	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	57915	33.955	ug/L	99

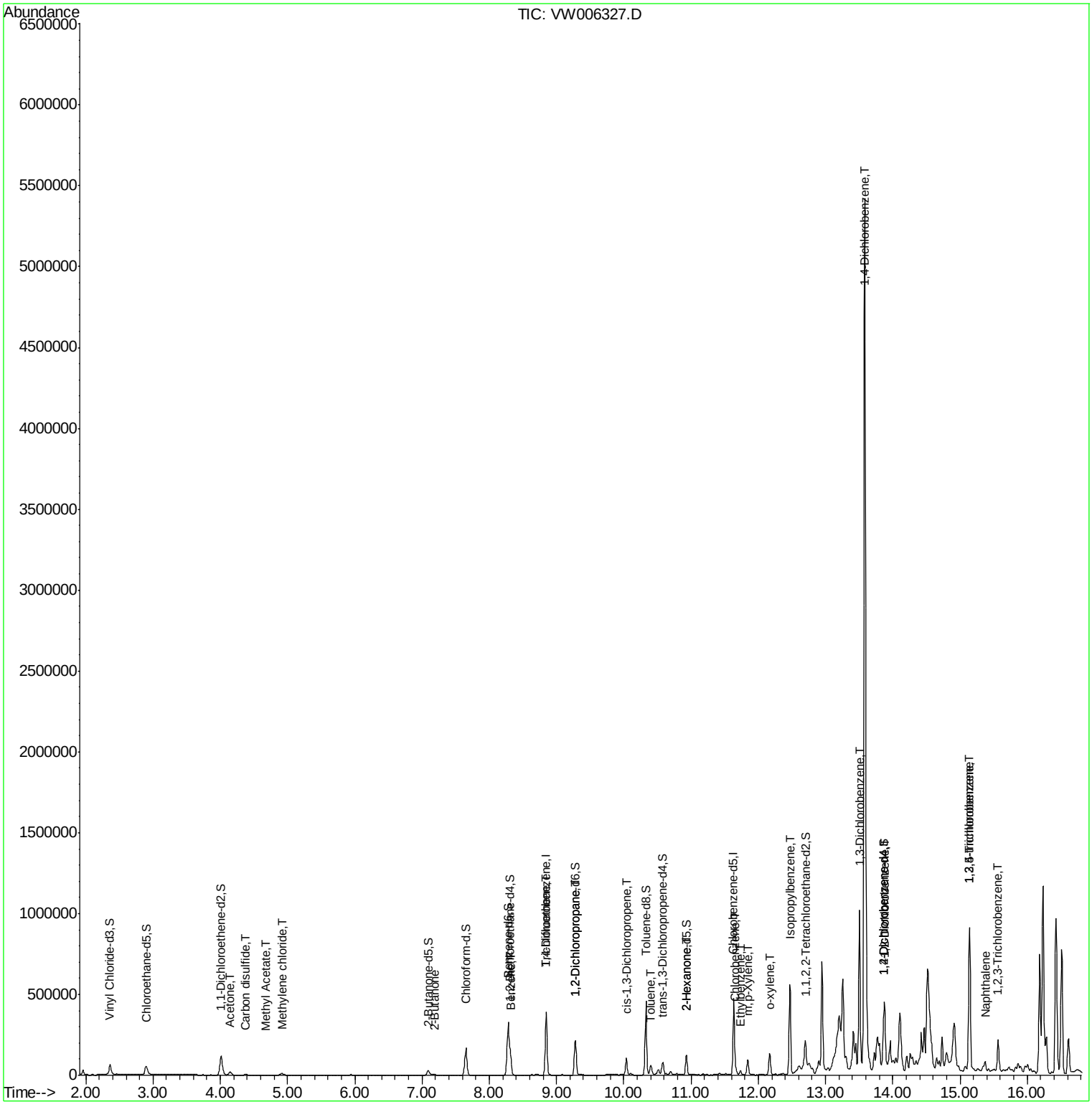
(#) = qualifier out of range (m) = manual integration (+) = signals summed

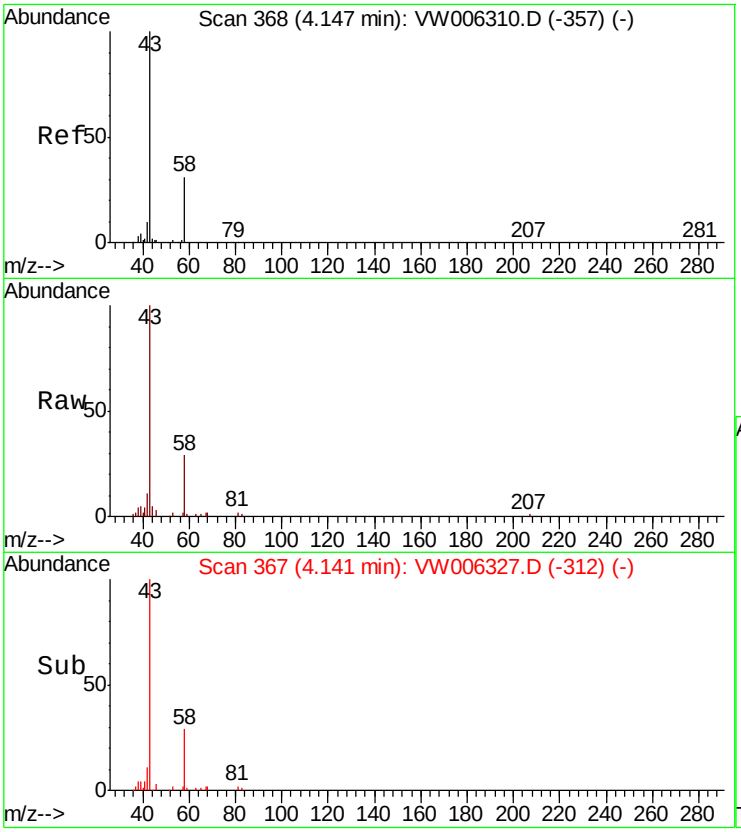
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006327.D
Acq On : 24 Oct 2018 18:35
Operator : SY/AP
Sample : J5635-25
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Quant Time: Oct 25 07:37:46 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



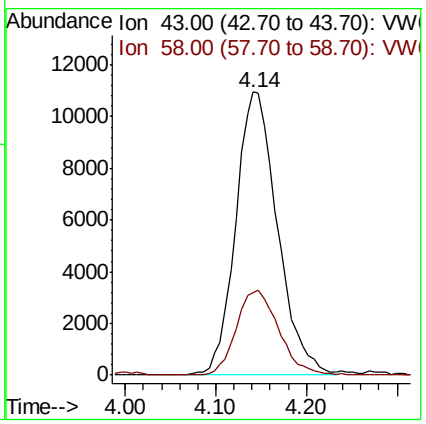


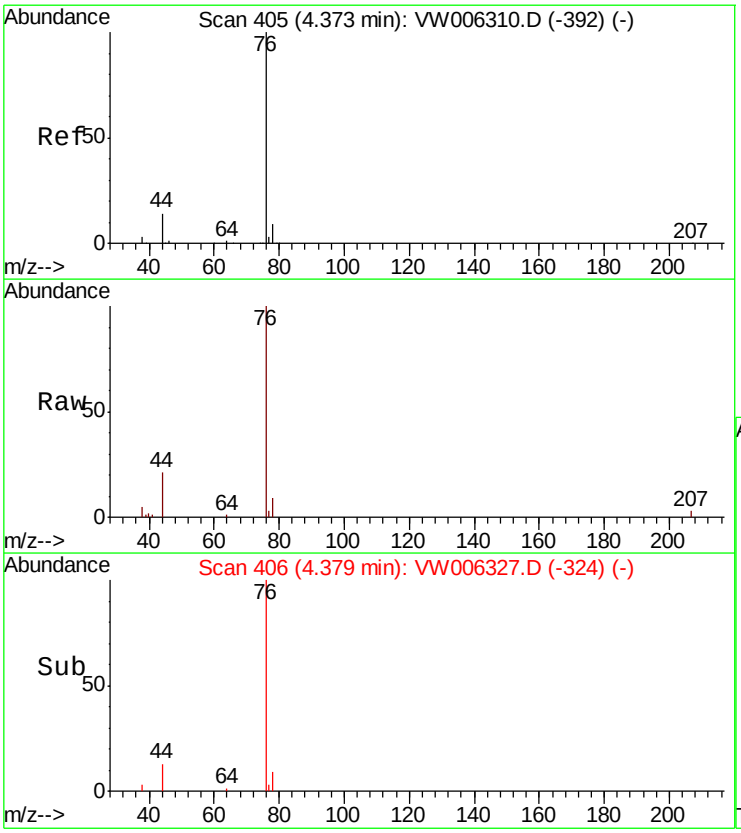
#13
Acetone
Concen: 26.949 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 43 Resp: 34926

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	61.2

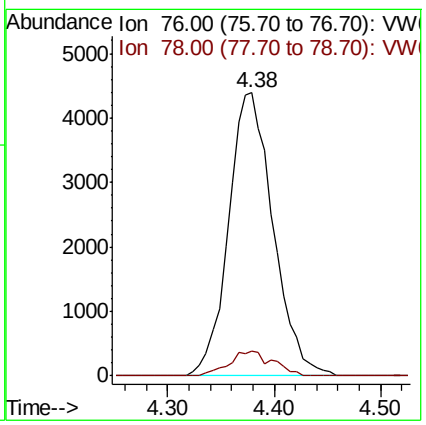


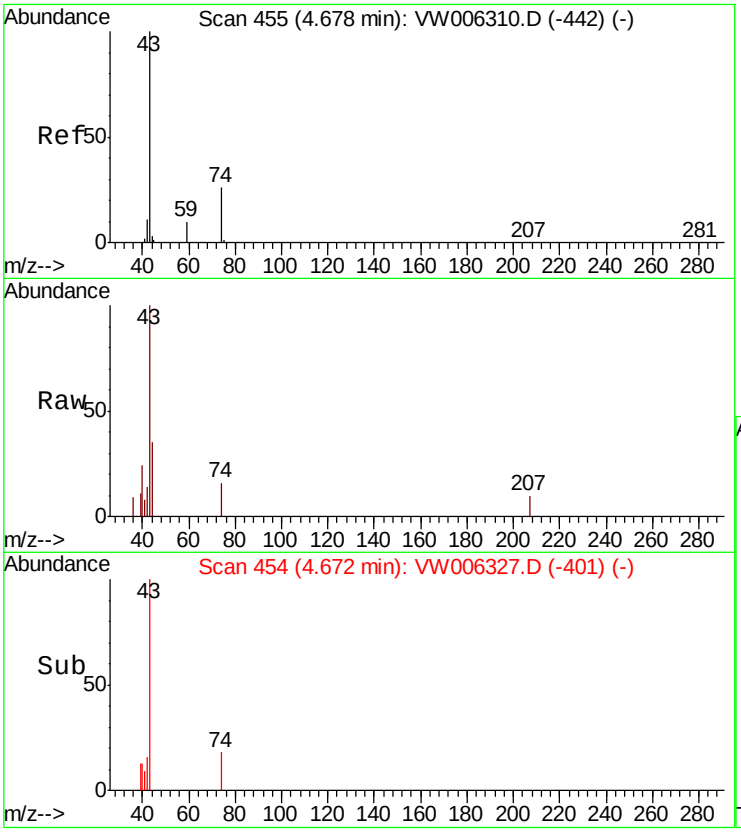


#14
Carbon disulfide
Concen: 0.999 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion: 76 Resp: 12869

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4



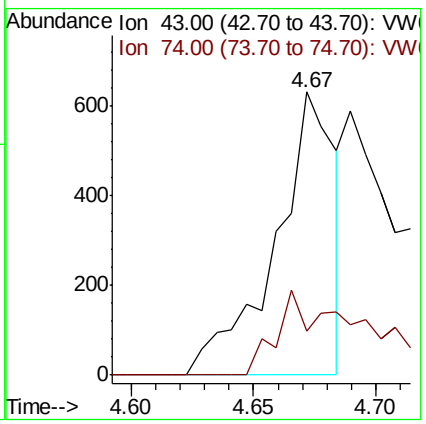


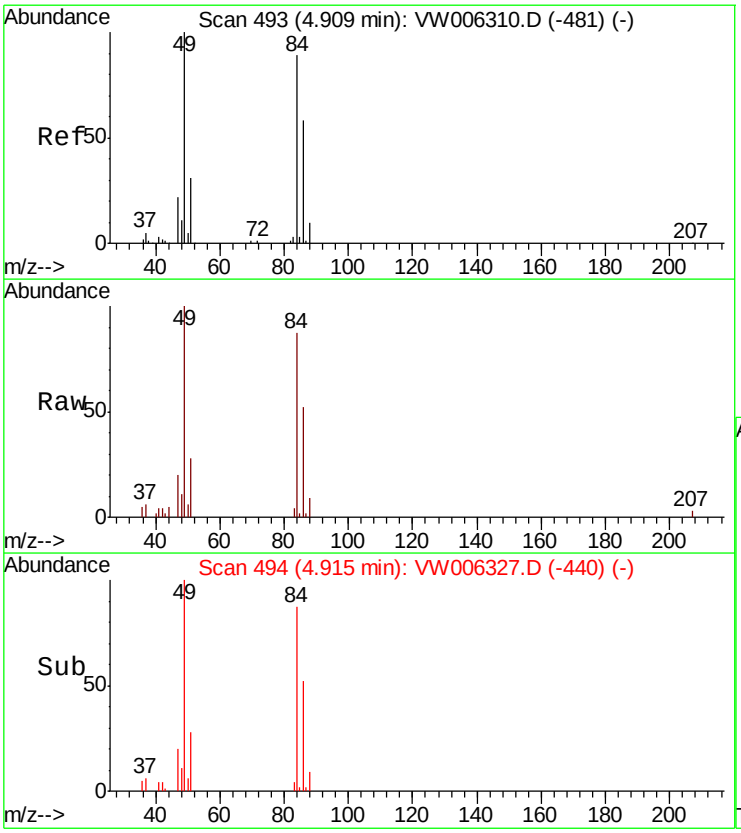
#15
Methyl Acetate
Concen: 0.509 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 43 Resp: 1069

Ion	Ratio	Lower	Upper
43	100		
74	14.7	19.4	29.2#

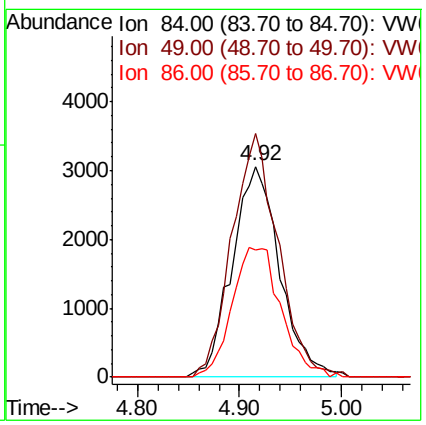


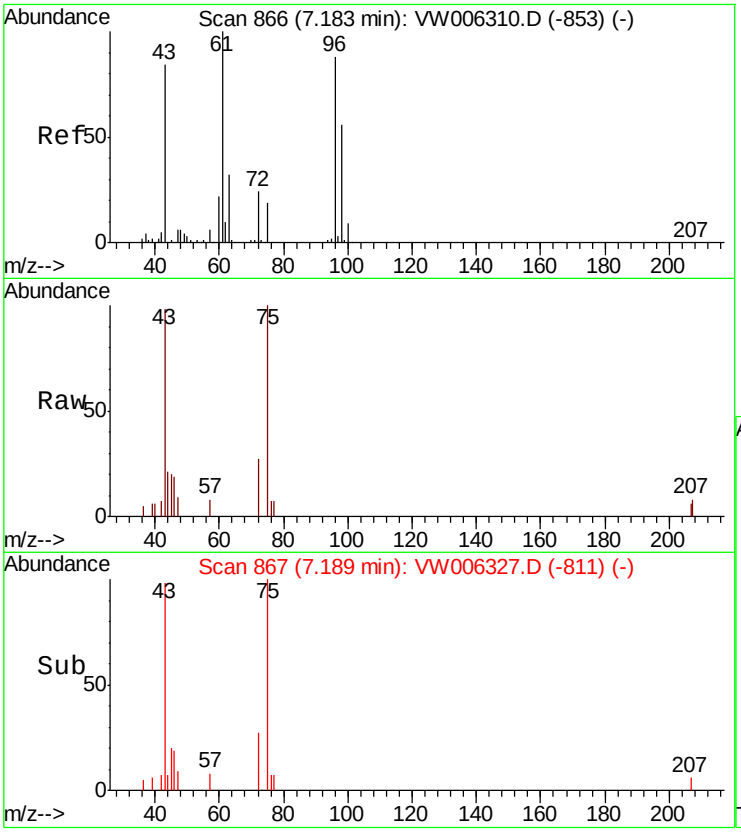


#16
Methylene chloride
Concen: 2.244 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion: 84 Resp: 9944

Ion	Ratio	Lower	Upper
84	100		
49	115.4	83.5	155.1
86	60.3	44.9	83.5



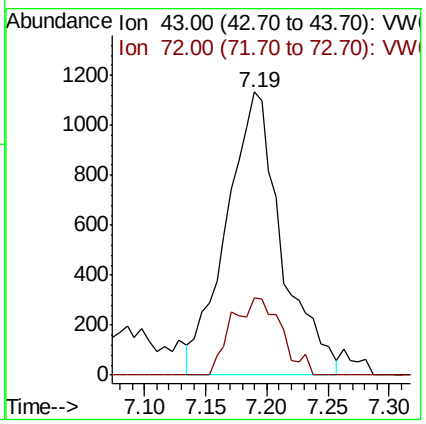


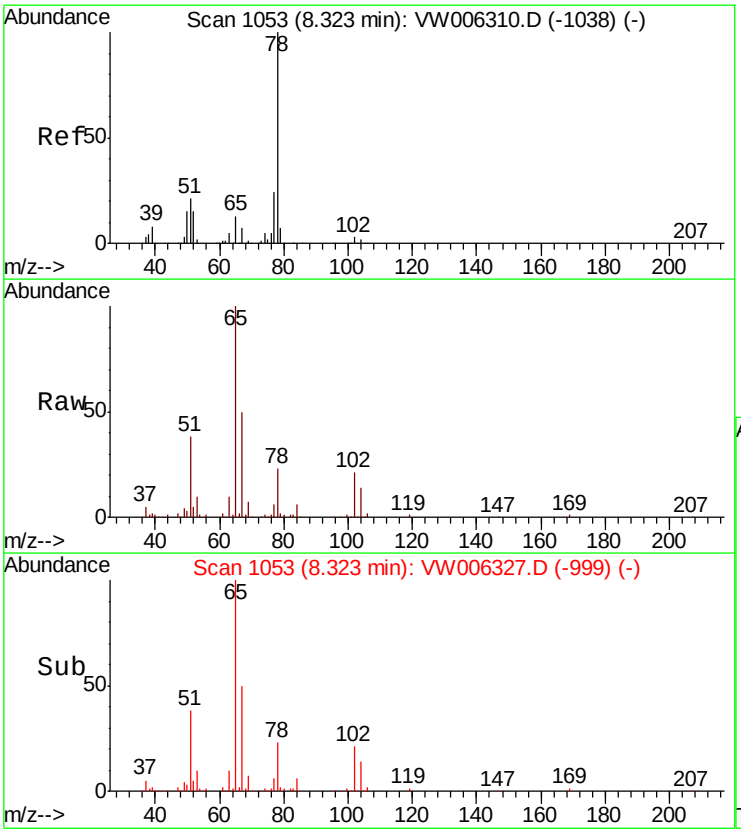
#21
2-Butanone
Concen: 2.068 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Tgt Ion: 43 Resp: 3562

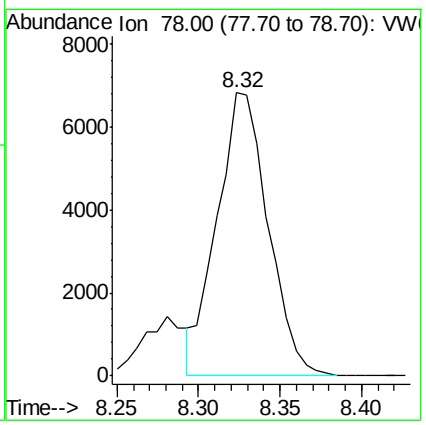
Ion	Ratio	Lower	Upper
43	100		
72	14.3	13.8	41.4

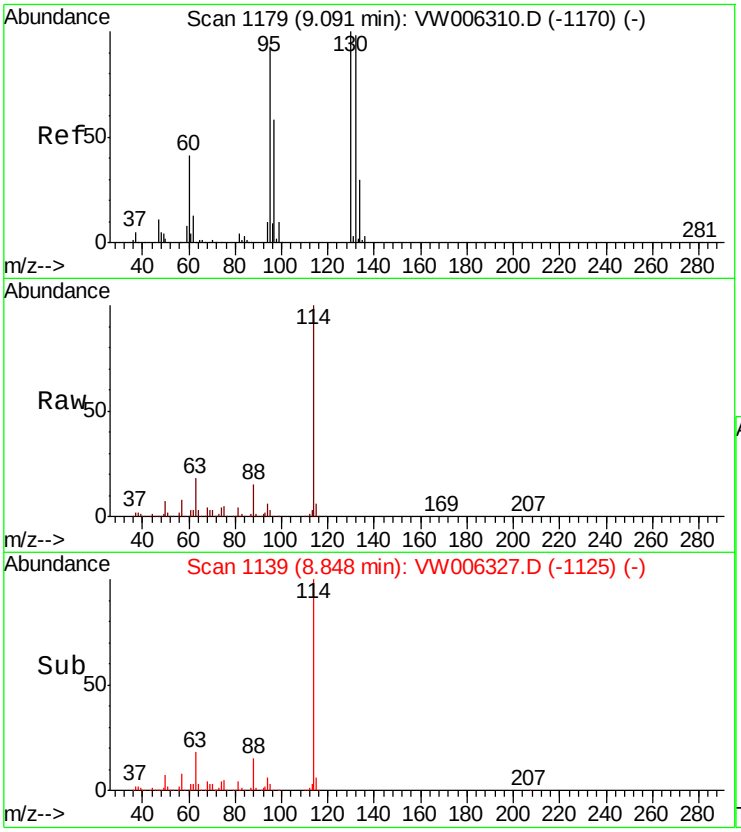




#34
Benzene
Concen: 1.085 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion: 78 Resp: 14840



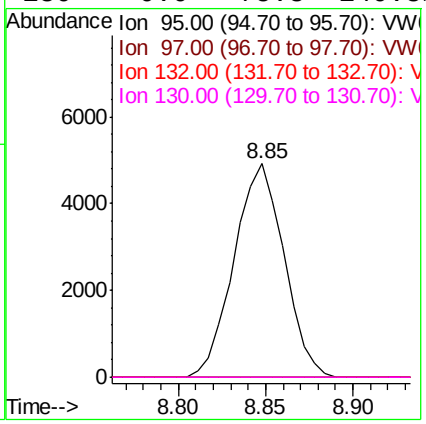


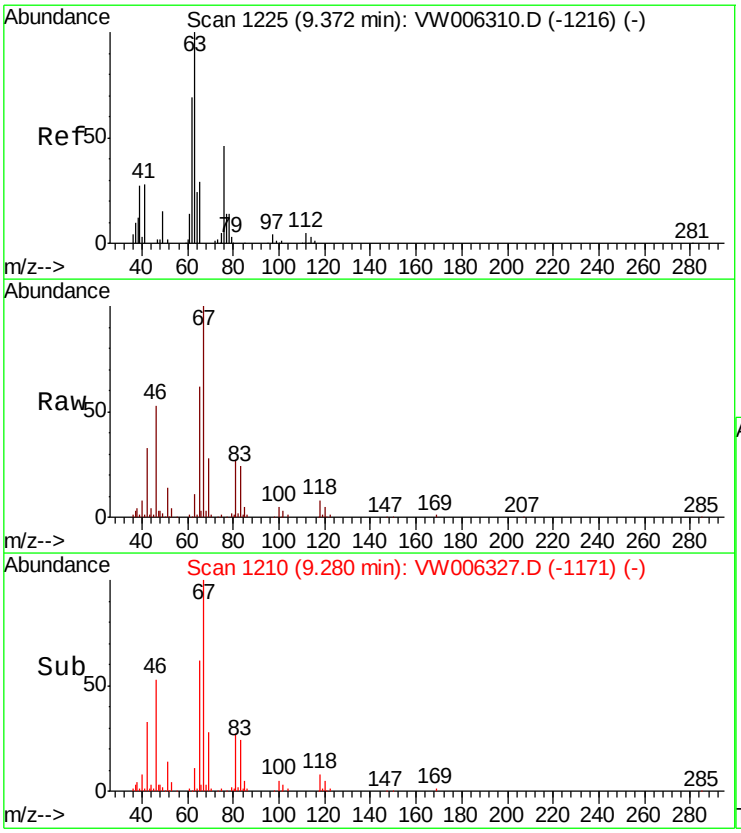
#35
Trichloroethene
Concen: 2.542 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 95 Resp: 9784

Ion	Ratio	Lower	Upper
95	100		
97	0.8	45.8	85.0#
132	0.0	72.9	135.3#
130	0.0	75.8	140.8#

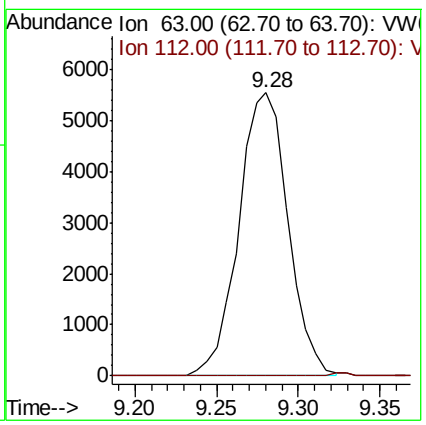


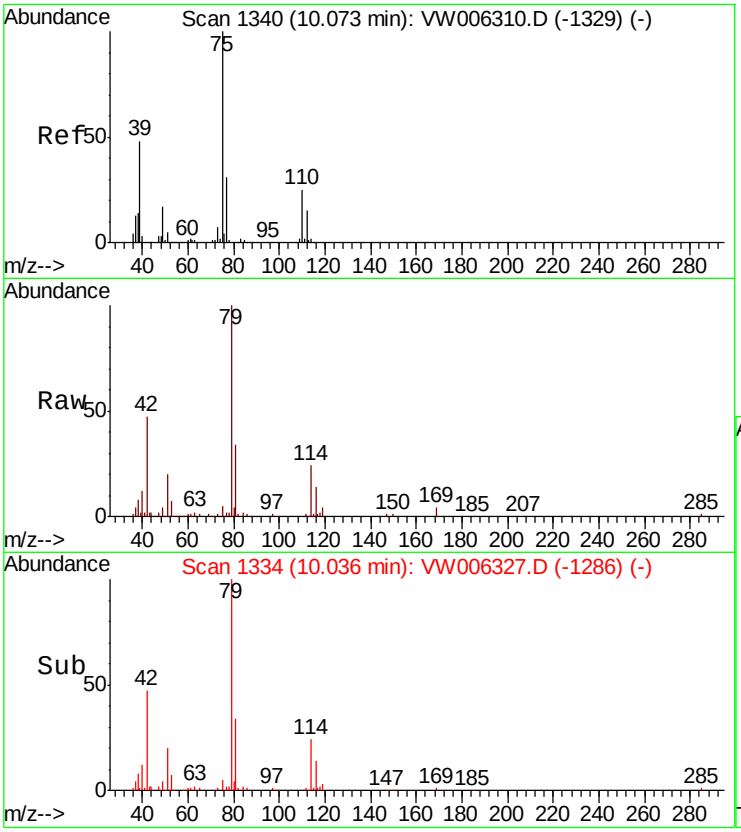


#40
1,2-Dichloropropane
Concen: 3.428 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion: 63 Resp: 11631

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.5	5.3#



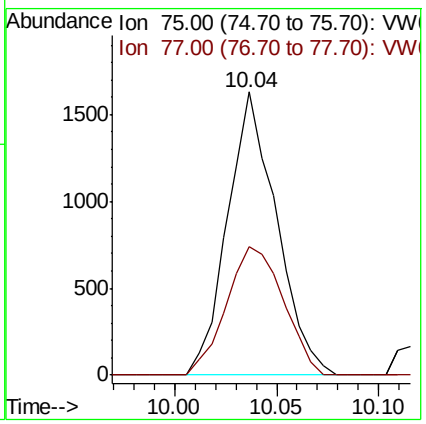


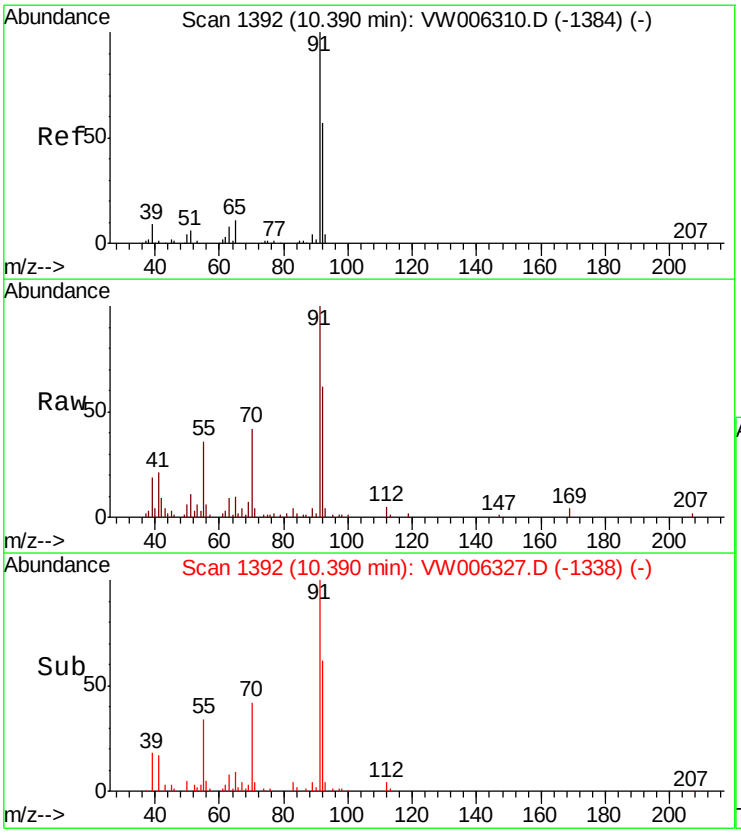
#42
cis-1,3-Dichloropropene
Concen: 0.490 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 75 Resp: 2717

Ion	Ratio	Lower	Upper
75	100		
77	45.6	22.6	42.0#

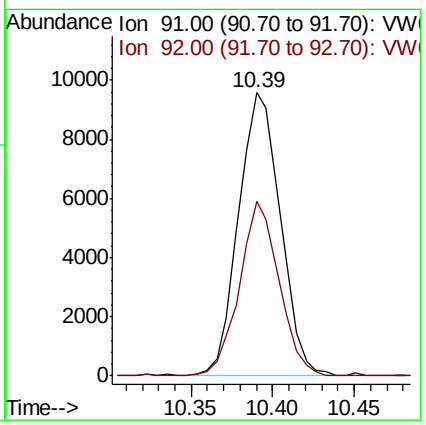


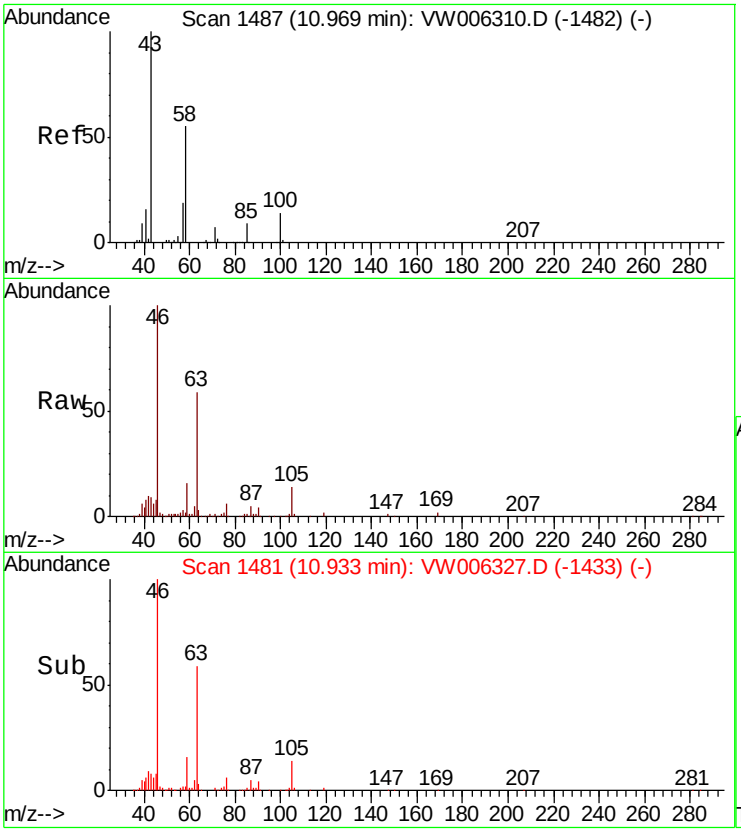


#44
Toluene
Concen: 1.112 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion: 91 Resp: 17073

Ion	Ratio	Lower	Upper
91	100		
92	61.7	40.4	75.0



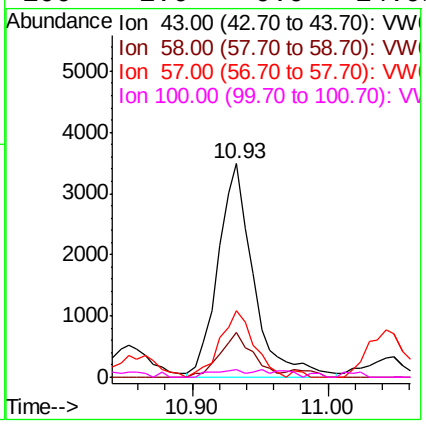


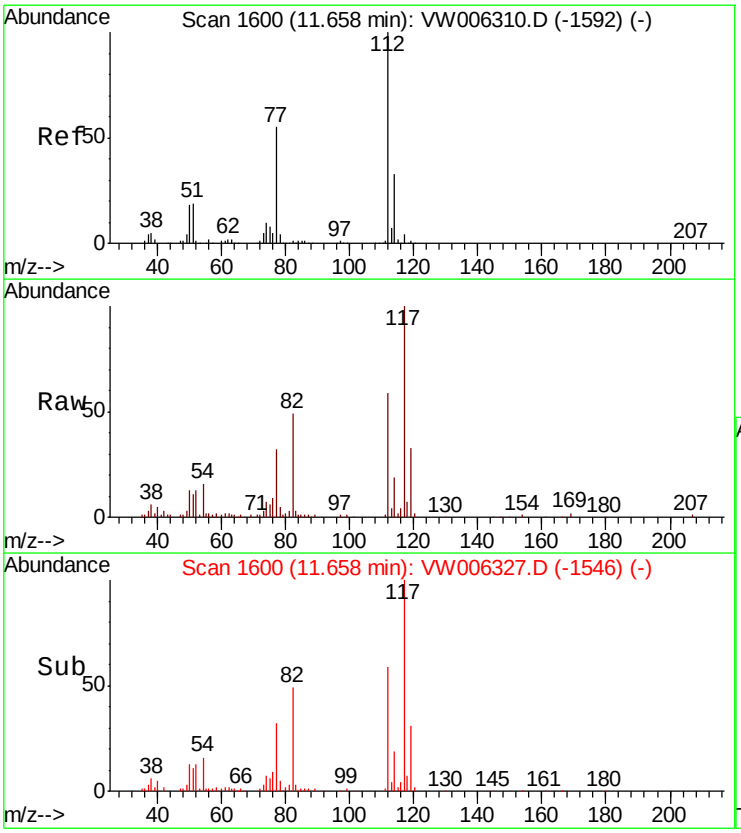
#49
2-Hexanone
Concen: 3.155 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 43 Resp: 6322

Ion	Ratio	Lower	Upper
43	100		
58	19.4	42.1	63.1#
57	29.6	15.1	22.7#
100	1.6	9.9	14.9#

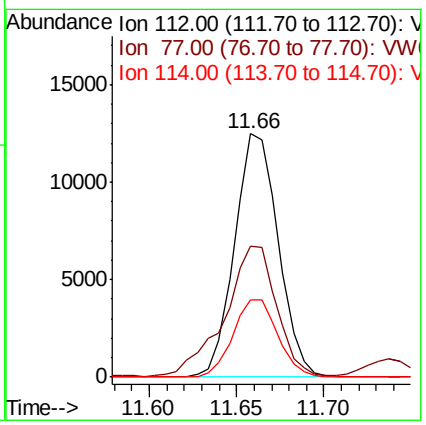


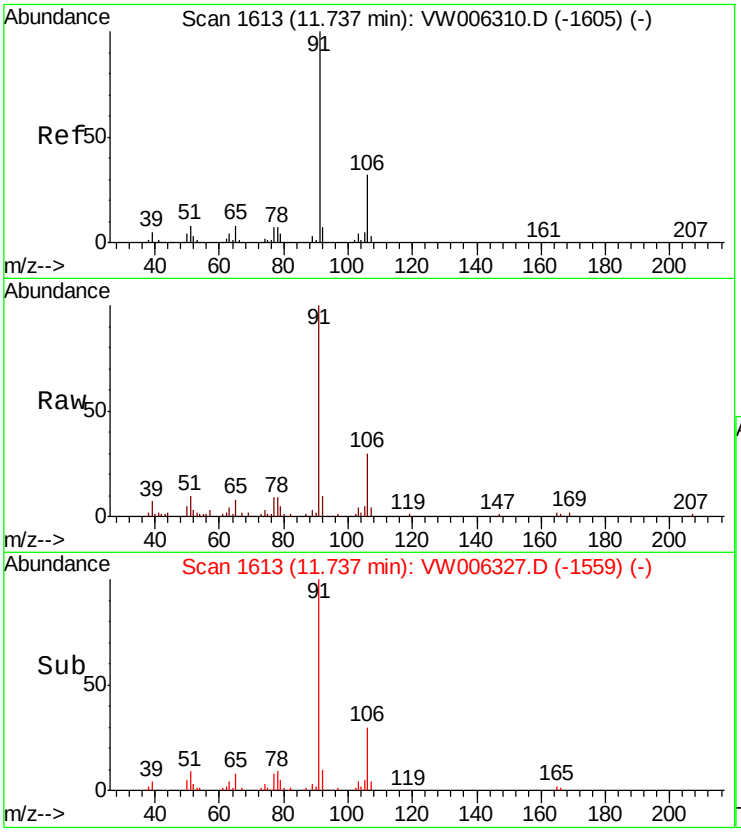


#52
Chlorobenzene
Concen: 2.088 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:112 Resp: 21706

Ion	Ratio	Lower	Upper
112	100		
77	53.8	44.2	66.2
114	31.6	22.1	41.1



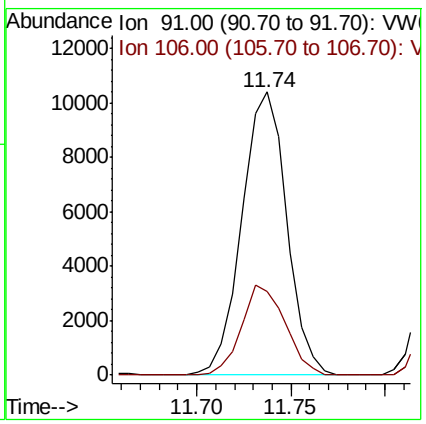


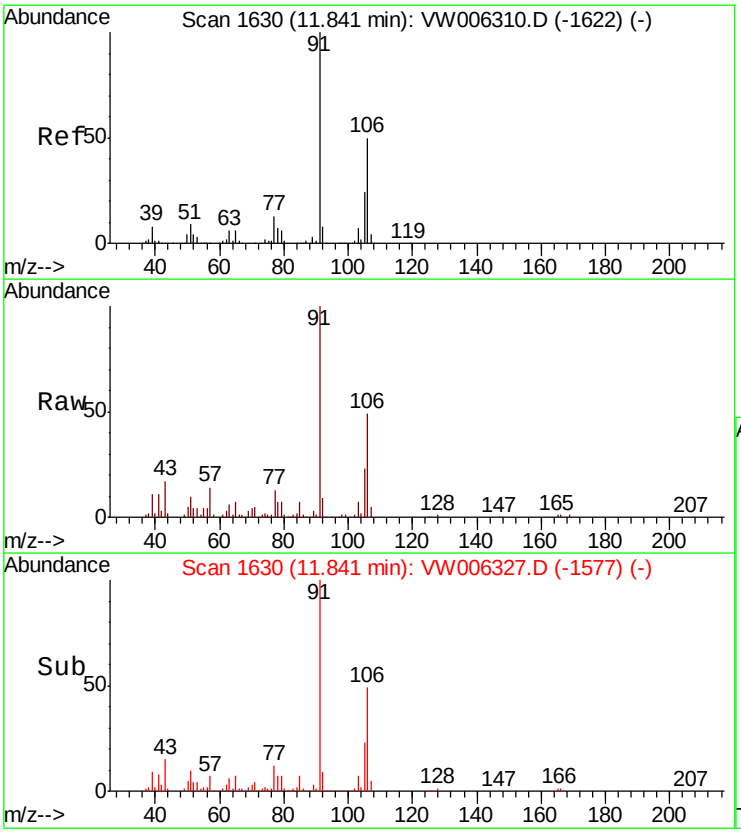
#53
Ethylbenzene
Concen: 0.960 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion: 91 Resp: 17159

Ion	Ratio	Lower	Upper
91	100		
106	29.6	22.6	42.0

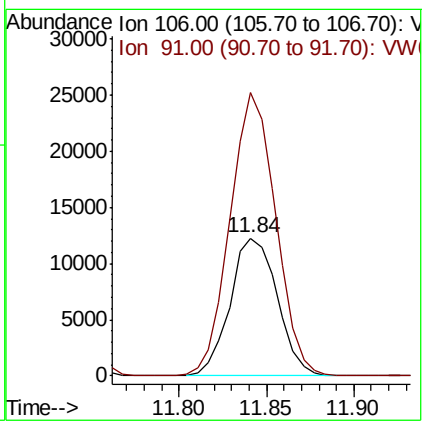


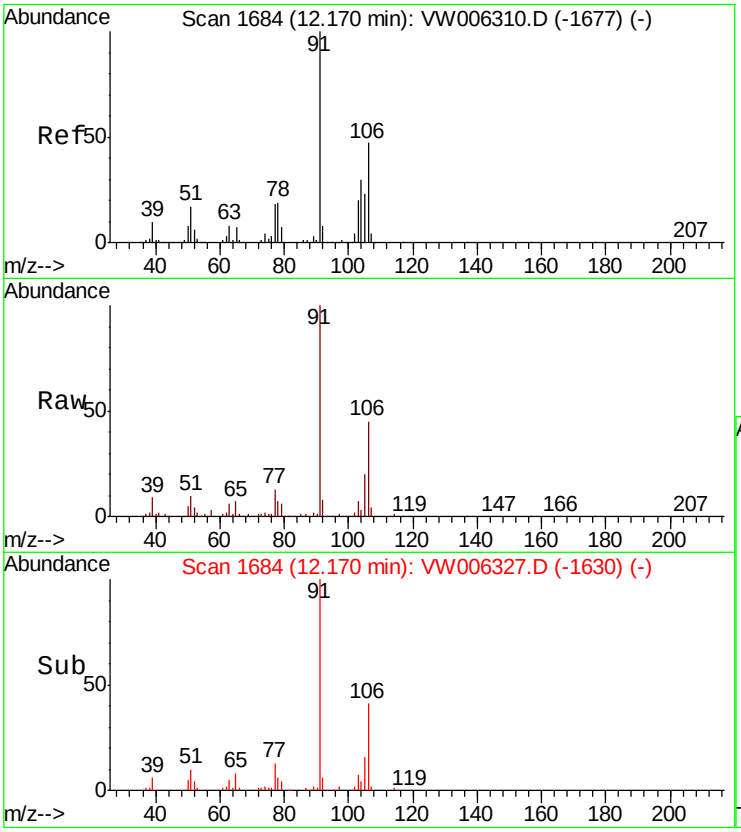


#54
m,p-Xylene
Concen: 3.297 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:106 Resp: 23107

Ion	Ratio	Lower	Upper
106	100		
91	205.3	138.4	257.0



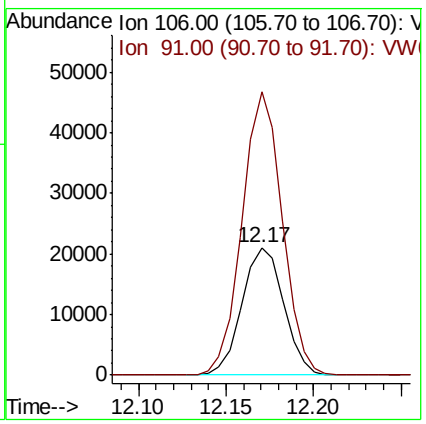


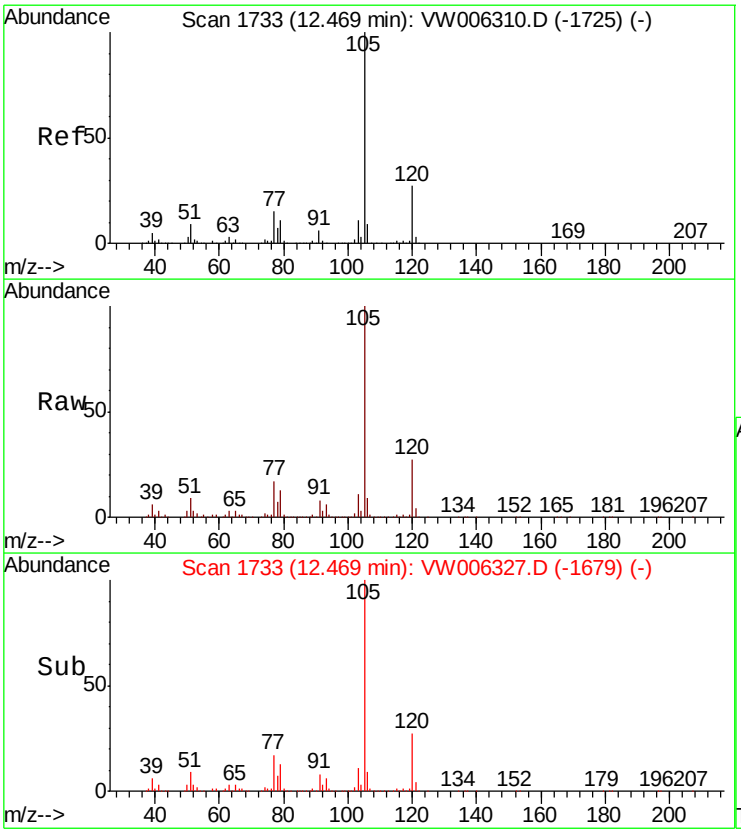
#55
o-xylene
Concen: 5.211 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Tgt Ion:106 Resp: 34877

Ion	Ratio	Lower	Upper
106	100		
91	221.7	148.7	276.1

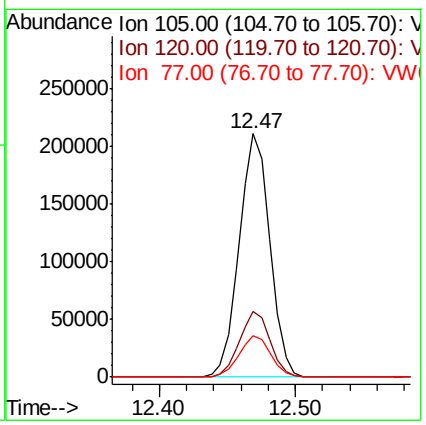


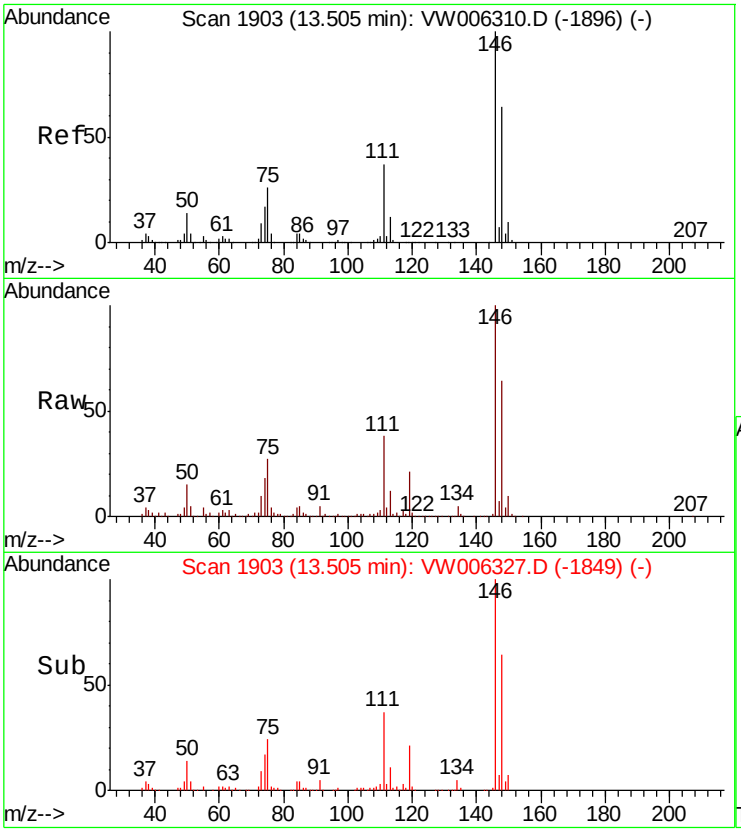


#57
Isopropylbenzene
Concen: 17.810 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:105 Resp: 331651

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.8	32.6
77	17.5	12.2	18.2



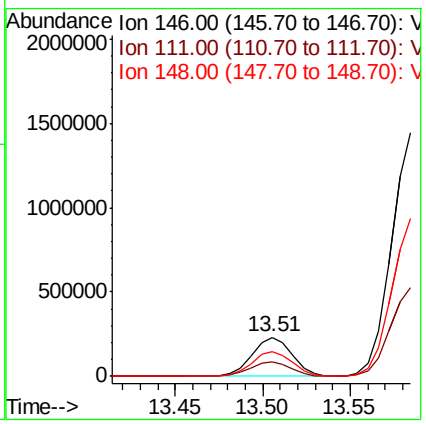


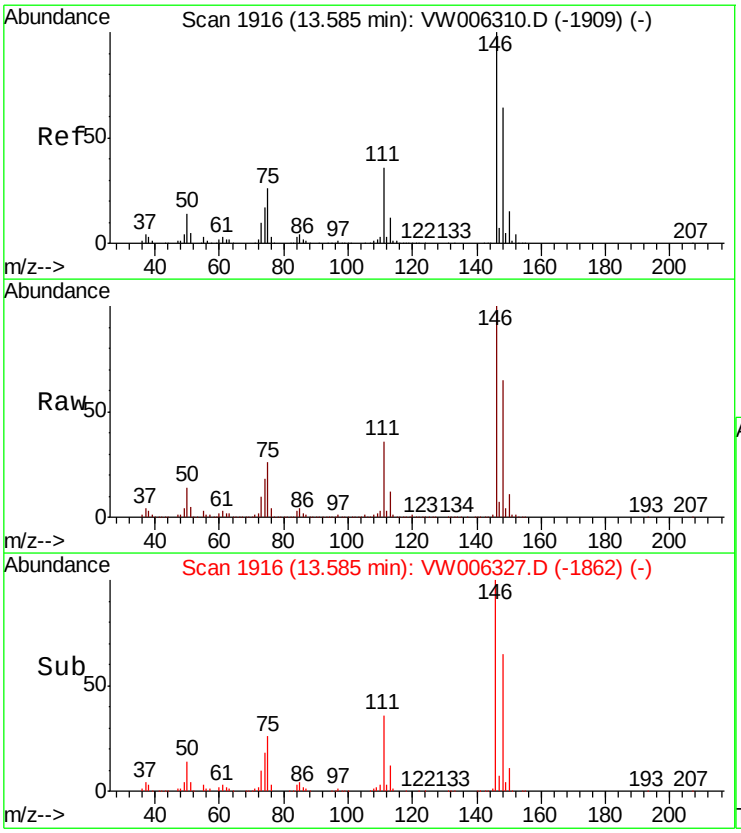
#63
1,3-Dichlorobenzene
Concen: 133.798 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion:146 Resp: 369574

Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.3	48.9
148	64.1	44.7	82.9

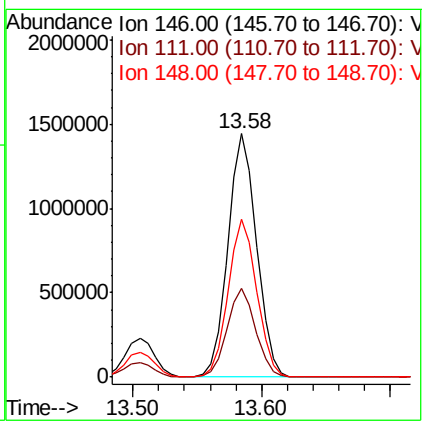


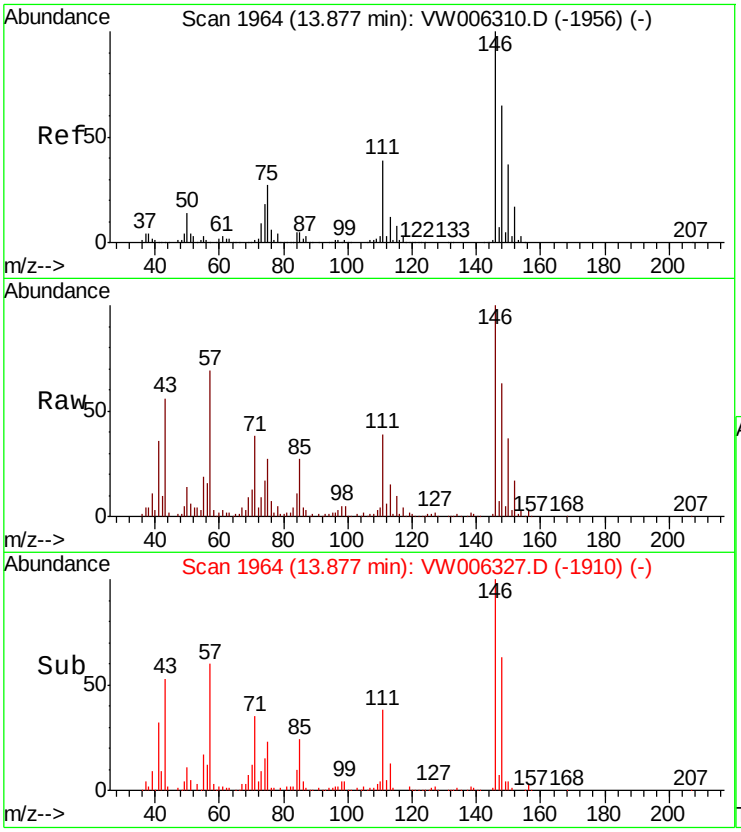


#64
1,4-Dichlorobenzene
Concen: 806.711 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:146 Resp: 2243900

Ion	Ratio	Lower	Upper
146	100		
111	36.2	24.7	45.9
148	64.7	44.9	83.5



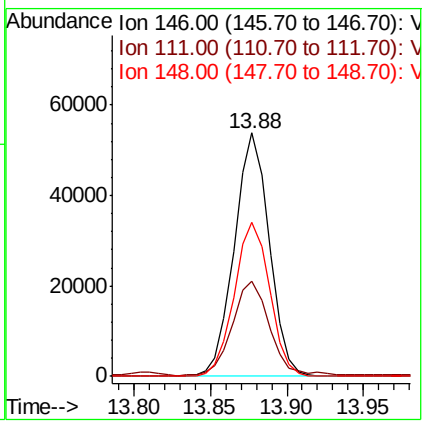


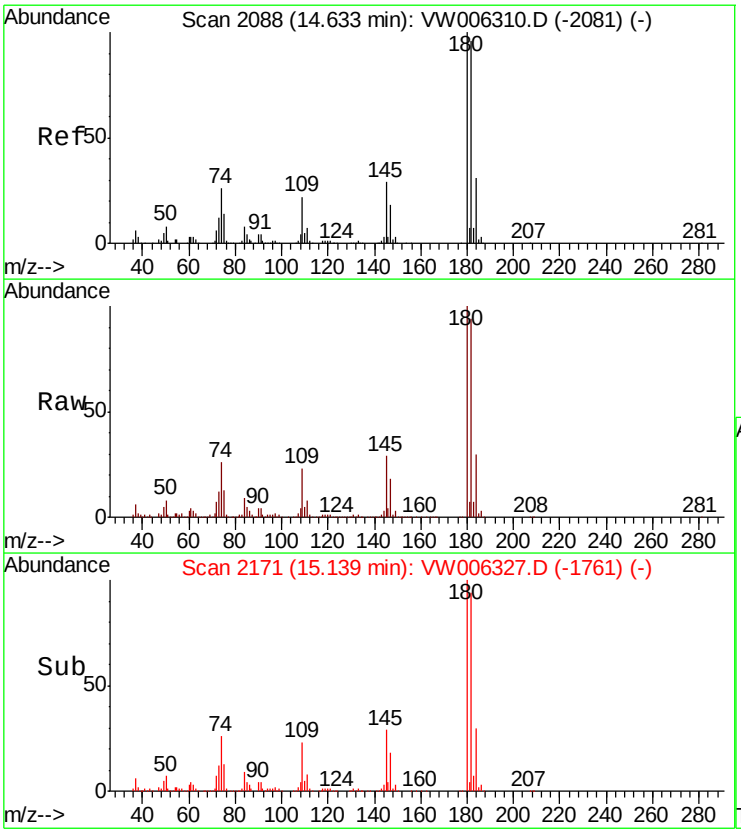
#65
1,2-Dichlorobenzene
Concen: 33.511 ug/L
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument : MSVOA_W
ClientSampleId : A40G1

Tgt Ion:146 Resp: 85153

Ion	Ratio	Lower	Upper
146	100		
111	39.2	31.1	46.7
148	63.0	51.2	76.8

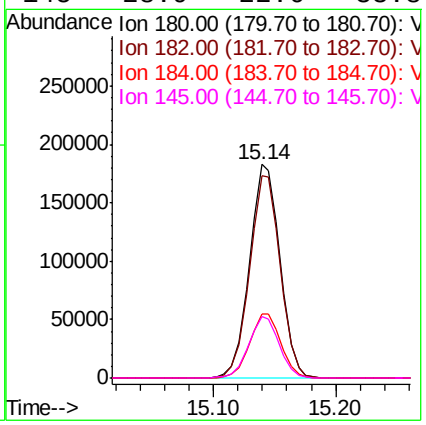


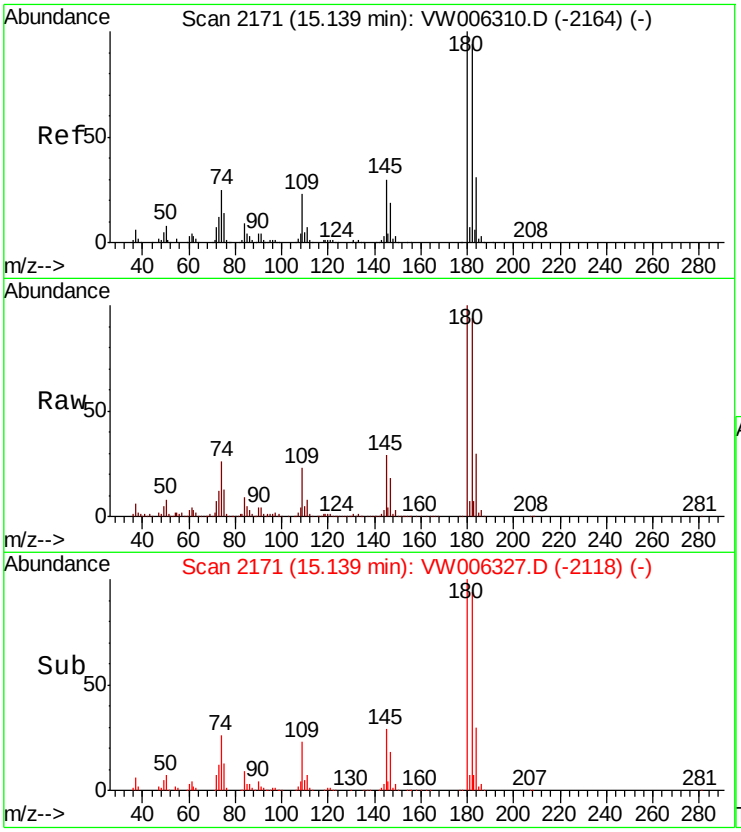


#67
1,3,5-Trichlorobenzene
Concen: 142.017 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. 0.50 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:180 Resp: 316202

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
184	30.5	24.3	36.5
145	28.9	22.6	33.8



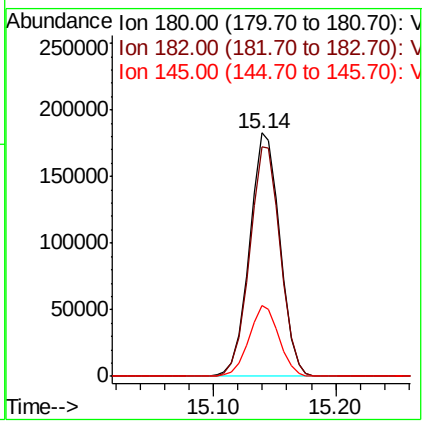


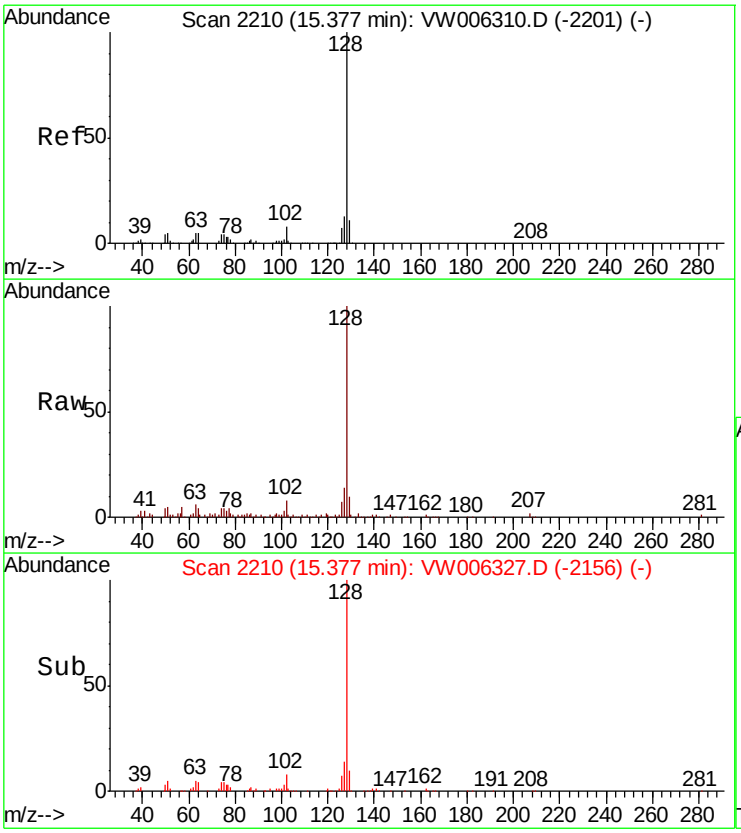
#68
1,2,4-trichlorobenzene
Concen: 166.549 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Tgt Ion:180 Resp: 316202

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.2
145	29.1	23.0	34.6

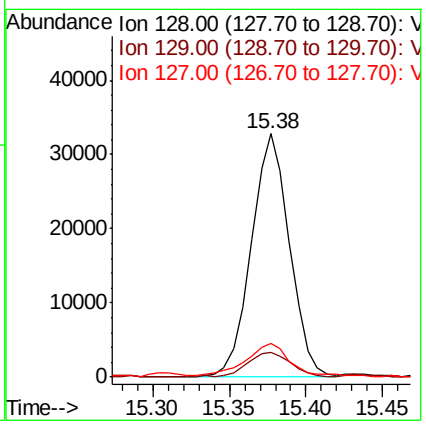


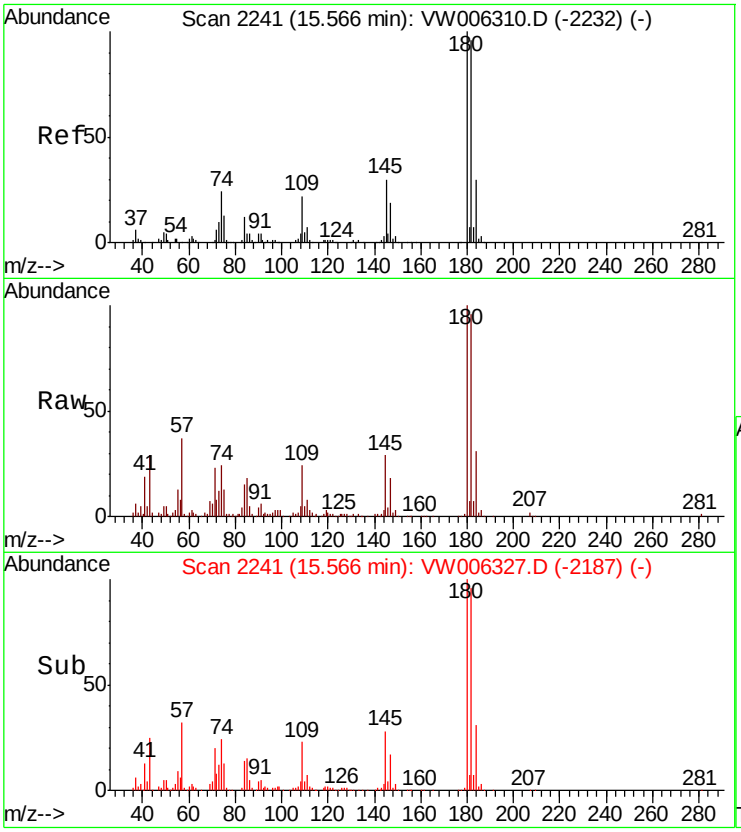


#69
Naphthalene
Concen: 14.744 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Tgt Ion:128 Resp: 56674

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.6	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 33.955 ug/L
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006327.D
Acq: 24 Oct 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
A40G1

Tgt Ion:180 Resp: 57915

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
145	30.8	24.5	36.7