Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071720\
Data File : VV017531.D
Acq On : 17 Jul 2020 18:13
Operator : SY/MD
Sample : L3336-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-6

Quant Time: Jul 18 06:26:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178916	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67262	36.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.96%			
7) Chloroethane-d5	1.58	69	68215	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.32%			
11) 1,1-Dichloroethene-d2	2.12	63	142600	34.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.30%			
21) 2-Butanone-d5	3.91	46	134241	106.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.58%			
24) Chloroform-d	4.38	84	188970	44.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.06	65	127506	43.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.10%			
32) Benzene-d6	5.08	84	329926	48.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.09	67	95583	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.18%			
41) Toluene-d8	7.34	98	274498	41.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	7.64	79	48138	42.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.10%			
47) 2-Hexanone-d5	8.11	63	85095	105.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.41%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	140933	51.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.06%			
64) 1,2-Dichlorobenzene-d4	11.65	152	141287	47.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.46%			
Target Compounds						Qvalue
13) Acetone	2.19	43	5981	3.488	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	12549	5.062	ug/L	99
33) Benzene	5.13	78	66361	7.939	ug/L	100
34) Trichloroethene	5.94	95	13712	5.525	ug/L	95
42) Toluene	7.41	91	82706	8.852	ug/L	100
46) Tetrachloroethene	8.00	164	24568	11.790	ug/L	97
51) Chlorobenzene	8.90	112	2107989	332.962	ug/L	99
53) m,p-Xylene	9.16	106	4846	1.211	ug/L	88
62) 1,3-Dichlorobenzene	11.20	146	881567	157.906	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	2118215	373.831	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	239156	42.972	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	1131342	306.780	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	87181	23.241	ug/L	97

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

Quantitation Report (QT/LSC Reviewed)

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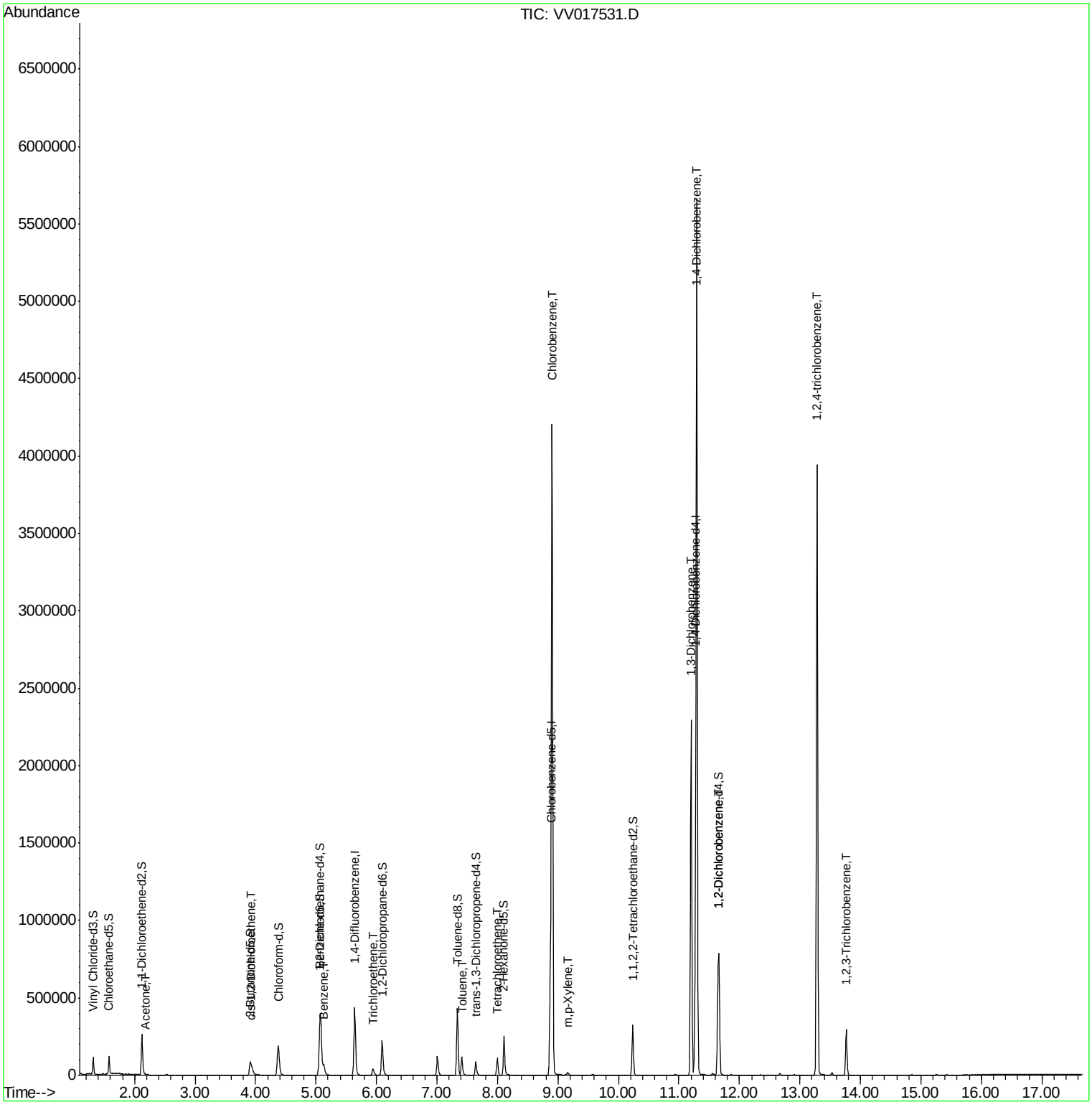
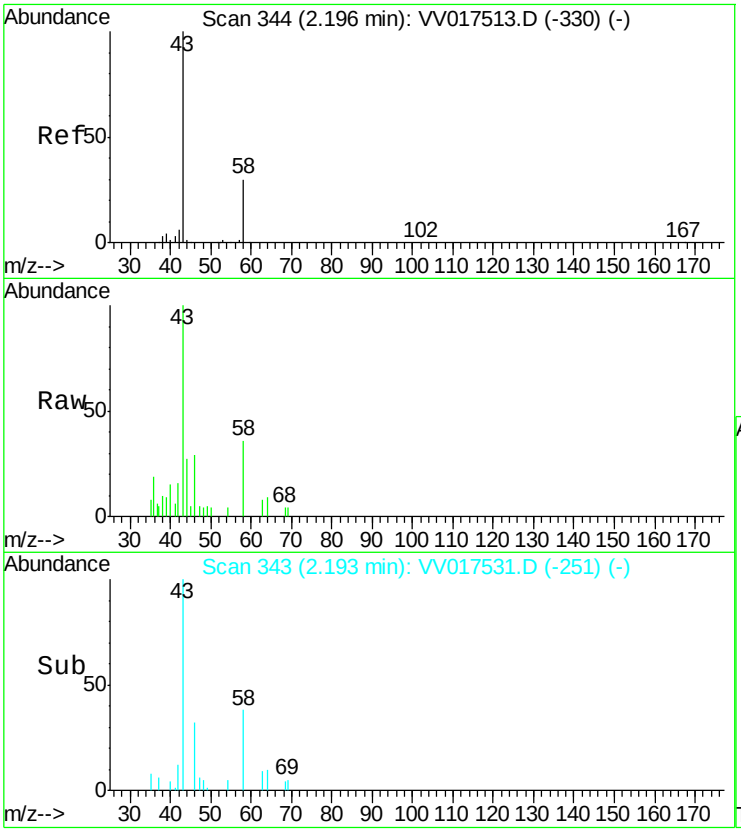
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration



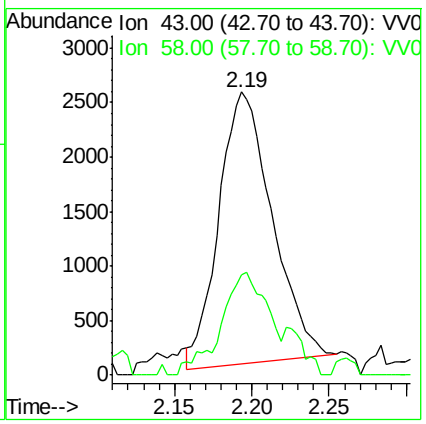


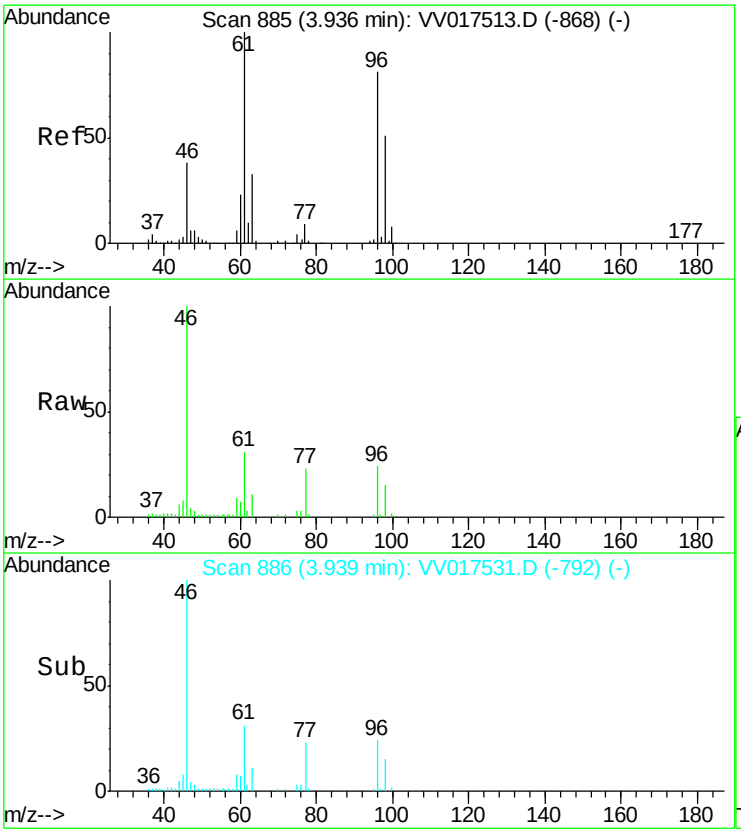
#13
Acetone
Concen: 3.488 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :
PMW-6

Tgt Ion: 43 Resp: 5981

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	56.0

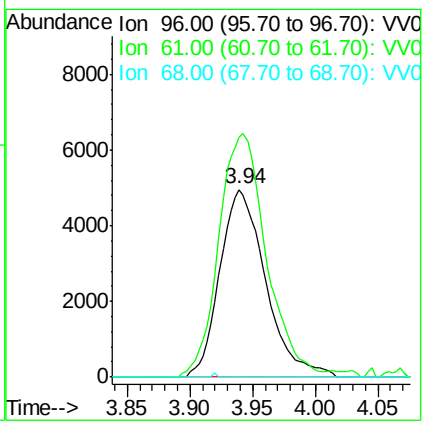


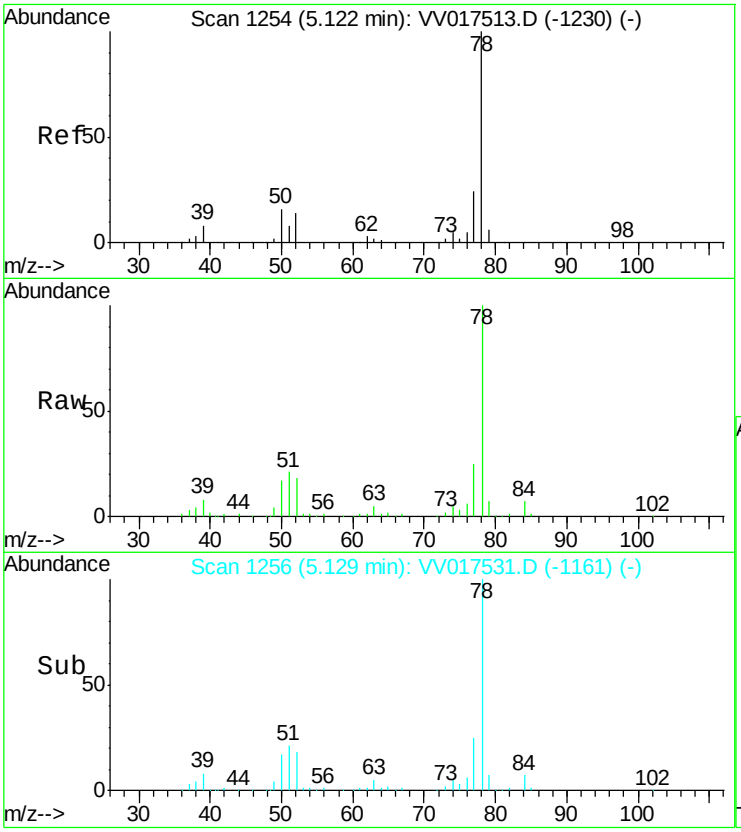


#20
cis-1,2-Dichloroethene
Concen: 5.062 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion: 96 Resp: 12549

Ion	Ratio	Lower	Upper
96	100		
61	127.6	88.9	165.1
68	0.0	0.0	0.0

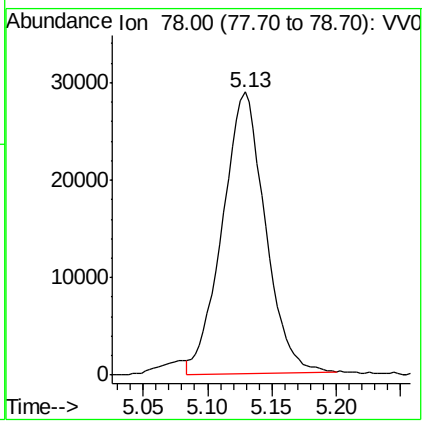


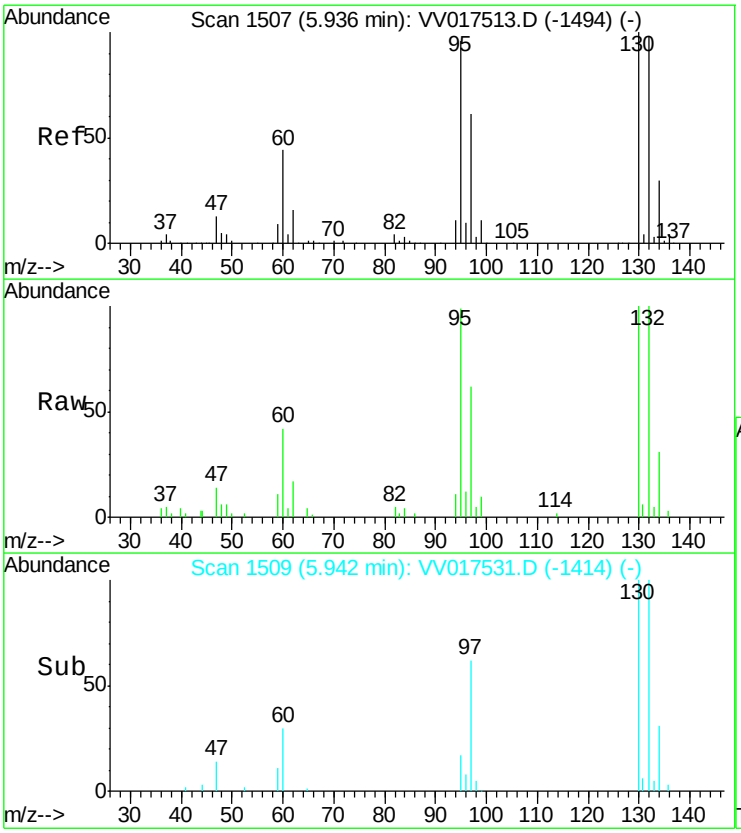


#33
Benzene
Concen: 7.939 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :
PMW-6

Tgt Ion: 78 Resp: 66361

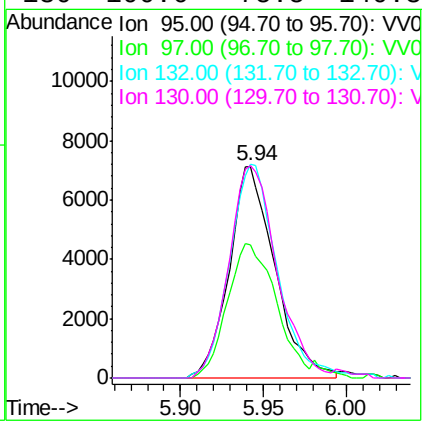


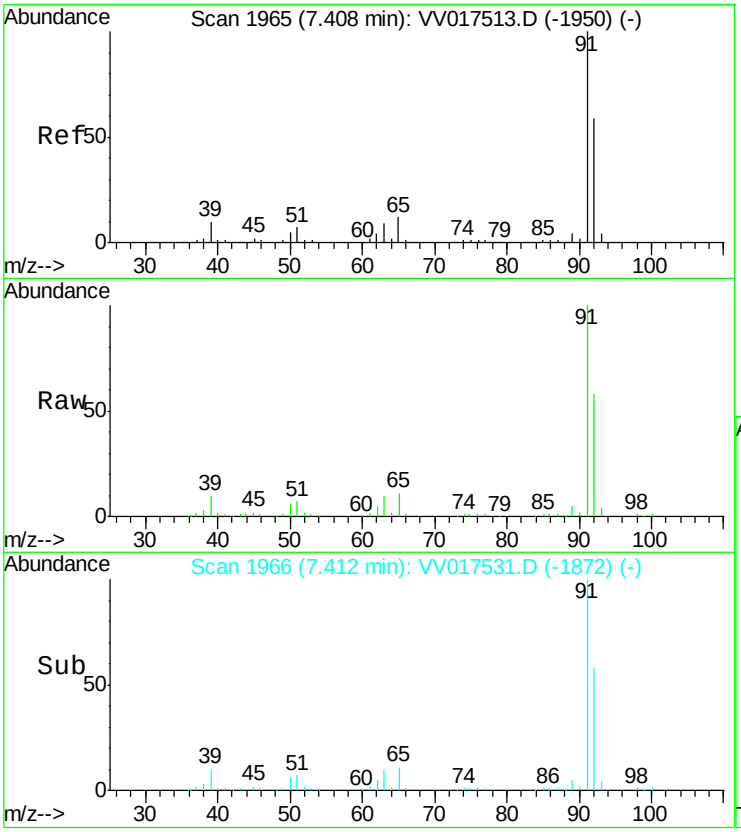


#34
Trichloroethene
Concen: 5.525 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion: 95 Resp: 13712

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.6
132	101.1	74.1	137.5
130	100.6	75.5	140.3



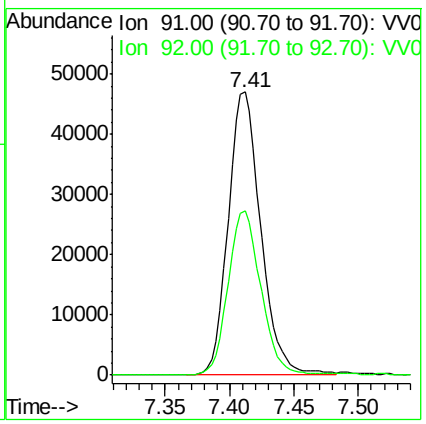


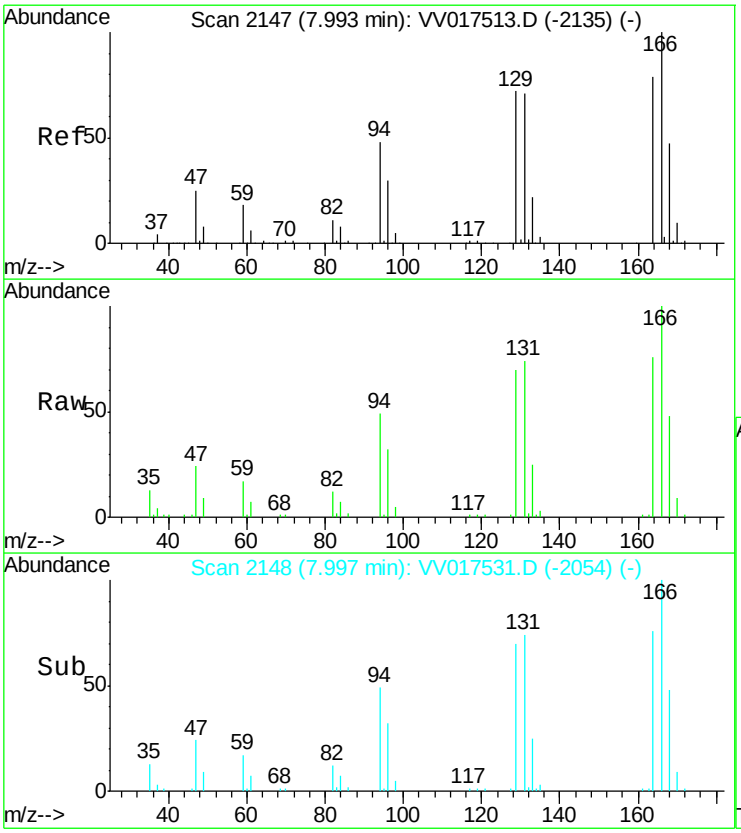
#42
Toluene
Concen: 8.852 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :
PMW-6

Tgt Ion: 91 Resp: 82706

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.8	75.8

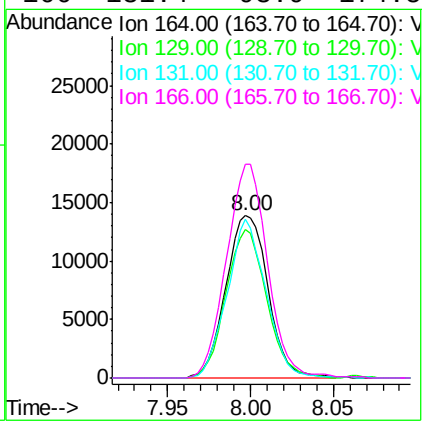


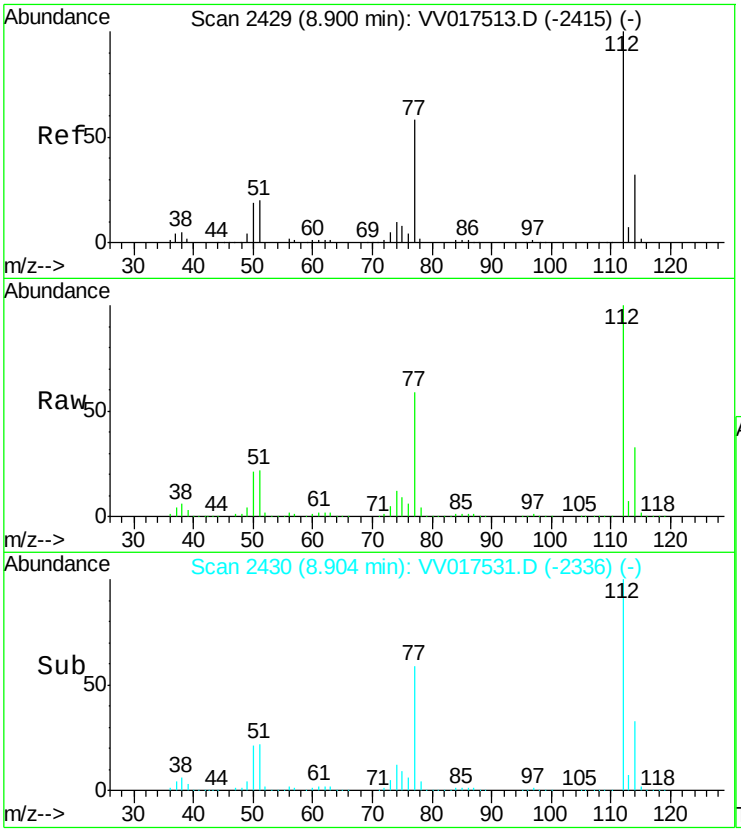


#46
Tetrachloroethene
Concen: 11.790 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion:164 Resp: 24568

Ion	Ratio	Lower	Upper
164	100		
129	91.5	66.6	123.8
131	97.6	65.5	121.7
166	131.4	93.9	174.5



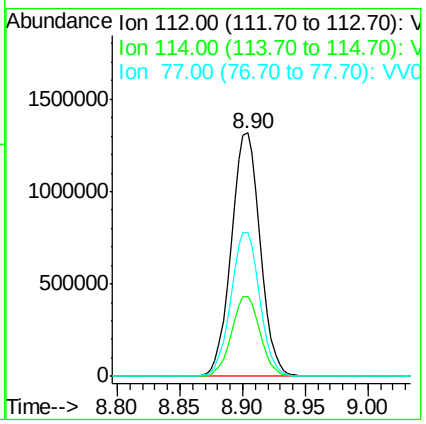


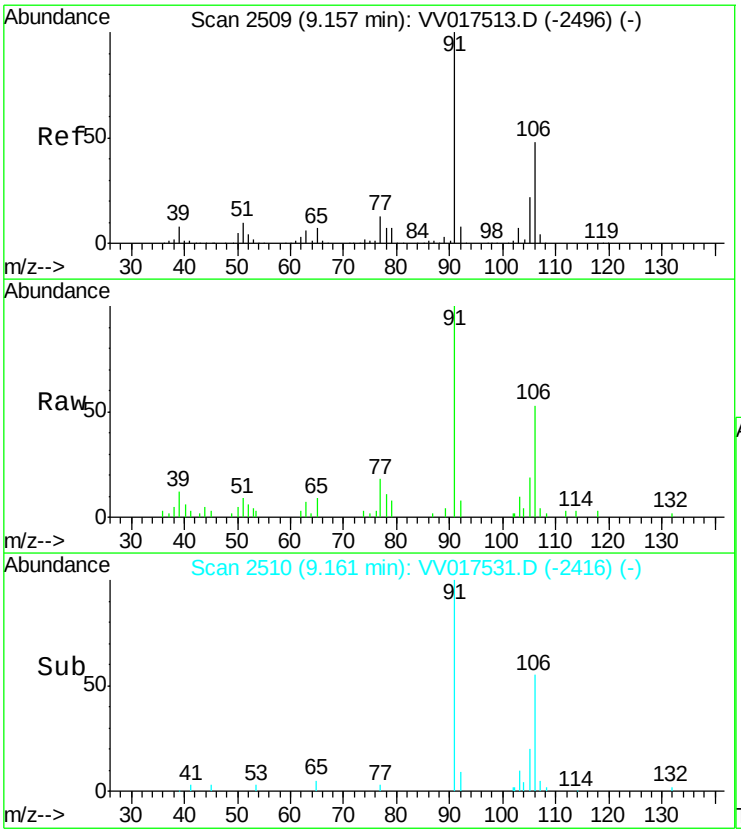
#51
Chlorobenzene
Concen: 332.962 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument : MSVOA_V
ClientSampleId : PMW-6

Tgt Ion:112 Resp: 2107989

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.7	42.1
77	59.2	46.7	70.1

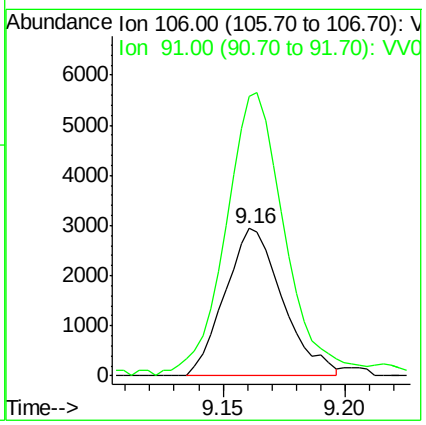


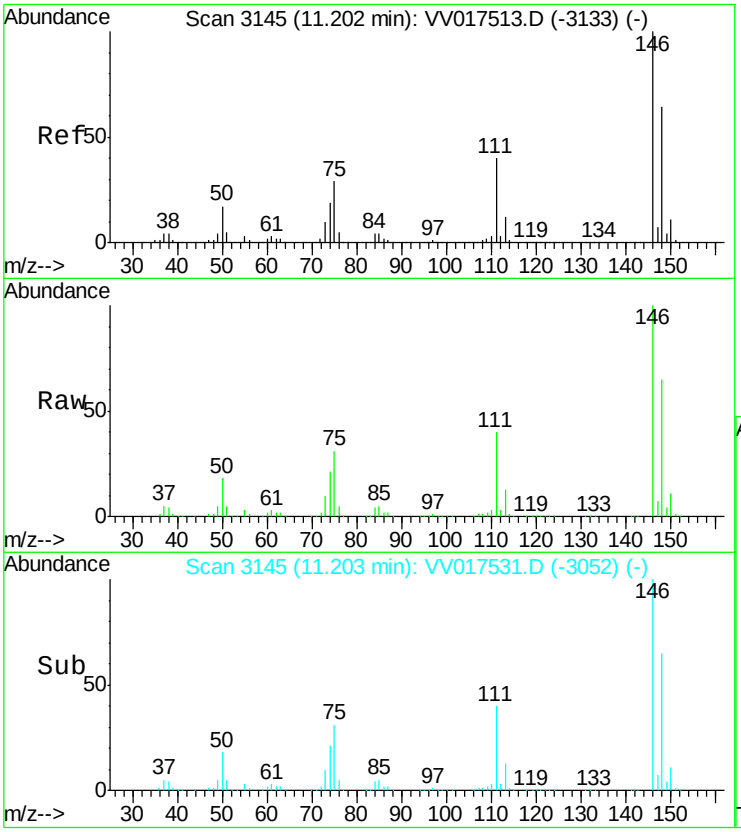


#53
m,p-Xylene
Concen: 1.211 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion:106 Resp: 4846

Ion	Ratio	Lower	Upper
106	100		
91	189.6	146.4	271.8



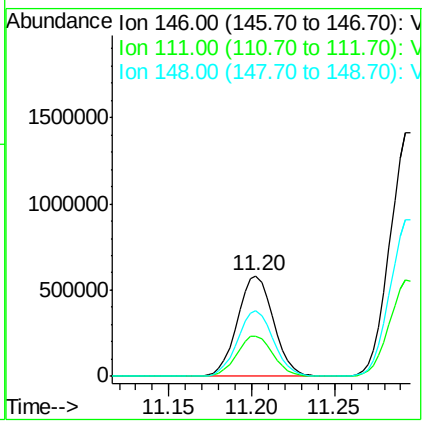


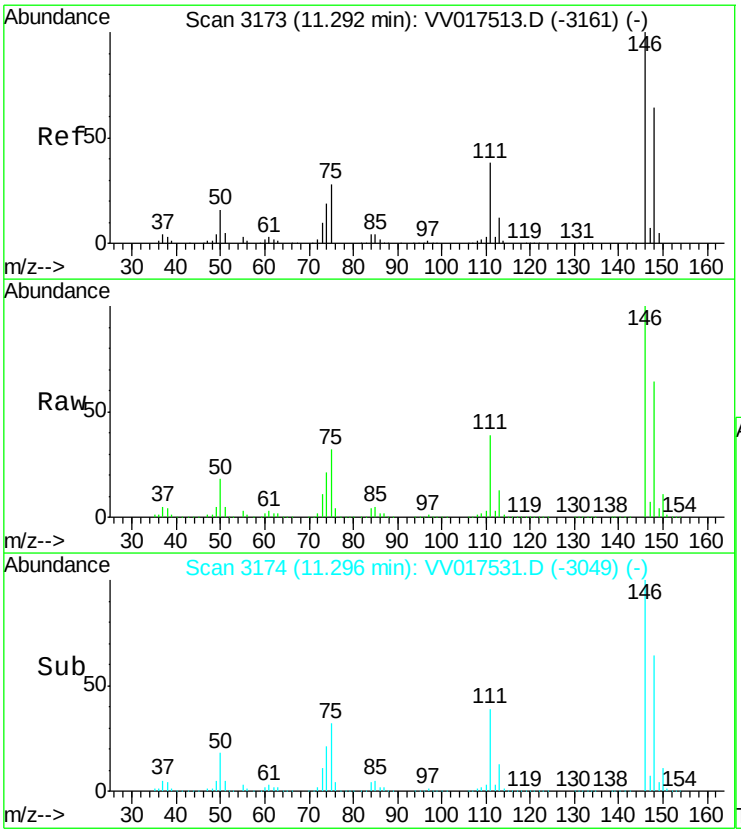
#62
1,3-Dichlorobenzene
Concen: 157.906 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :
PMW-6

Tgt Ion:146 Resp: 881567

Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.2	50.6
148	65.0	44.7	82.9

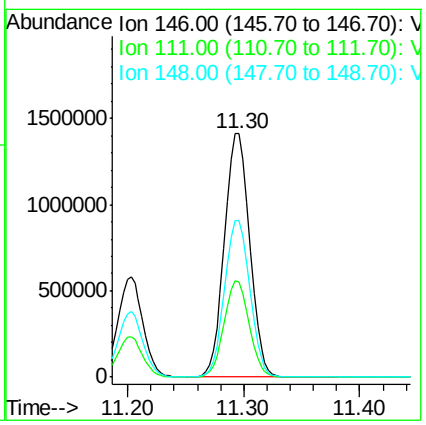


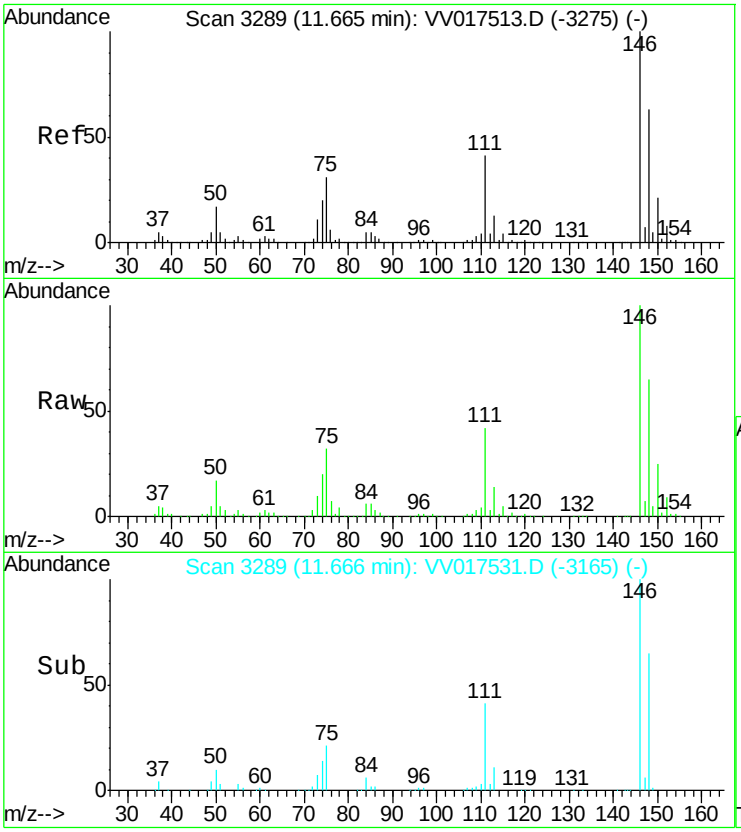


#63
1,4-Dichlorobenzene
Concen: 373.831 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion:146 Resp: 2118215

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.2	50.4
148	64.1	45.4	84.4



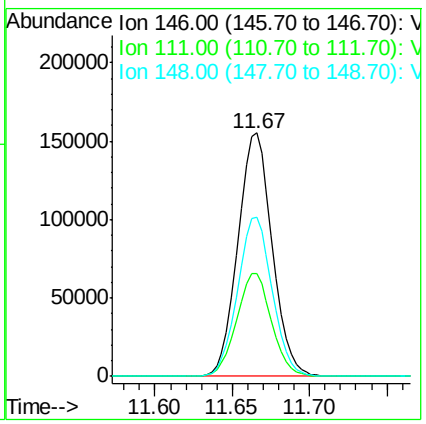


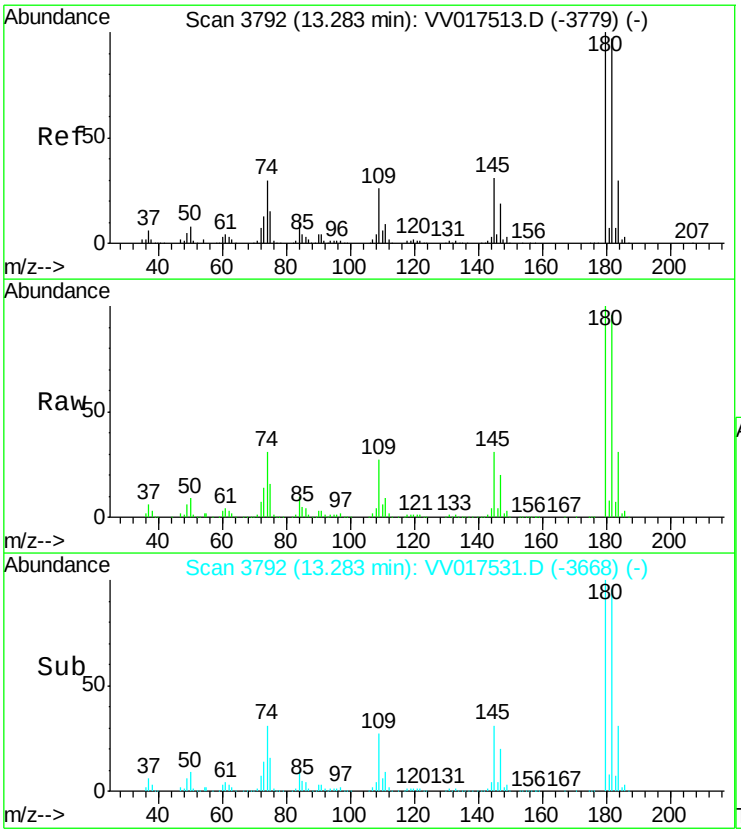
#65
1,2-Dichlorobenzene
Concen: 42.972 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument : MSVOA_V
ClientSampleId : PMW-6

Tgt Ion:146 Resp: 239156

Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.5	50.3
148	65.5	50.6	76.0

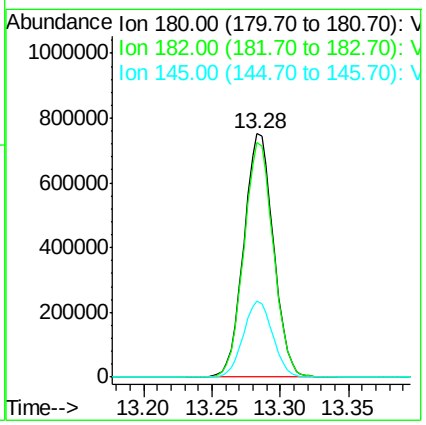


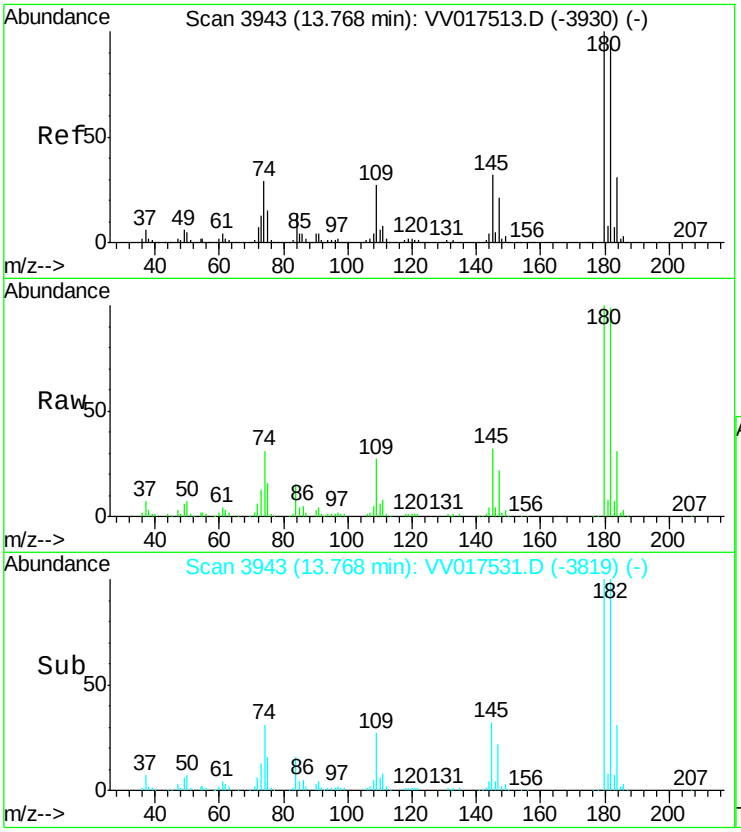


#68
1,2,4-trichlorobenzene
Concen: 306.780 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Tgt Ion:180 Resp: 1131342

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	31.1	24.6	36.8





#70
1,2,3-Trichlorobenzene
Concen: 23.241 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV017531.D
Acq: 17 Jul 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :
PMW-6

Tgt Ion:180 Resp: 87181

Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.3	114.5
145	32.2	26.5	39.7