Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
Data File : VW005535.D
Acq On : 20 Sep 2018 15:14
Operator : SY/AP
Sample : J4970-09
Misc : 6.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : E5FE1

Quant Time: Sep 21 01:01:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	334862	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124951	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	116142	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.04%			
7) Chloroethane-d5	2.90	69	91213	25.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.52%			
10) 1,1-Dichloroethene-d2	4.01	63	187418	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.56%			
20) 2-Butanone-d5	7.09	46	62040	35.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.52%			
24) Chloroform-d	7.65	84	224991	24.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	8.31	65	136857	25.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
29) Benzene-d6	8.28	84	448310	24.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.68%			
33) 1,2-Dichloropropane-d6	9.28	67	132002	23.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.40%			
37) Toluene-d8	10.33	98	412134	24.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.56%			
38) trans-1,3-Dichloropropene-	10.59	79	59352	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.48%			
39) 2-Hexanone-d5	10.93	63	46601	36.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.06%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	98973	19.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	122681	25.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.01	96	1248	0.301	ug/L #	1
13) Acetone	4.14	43	18691	12.407	ug/L	98
16) Methylene chloride	4.91	84	11880	2.145	ug/L	84
21) 2-Butanone	7.18	43	5234	2.534	ug/L #	68
35) Trichloroethene	9.10	95	1504	0.313	ug/L	96
36) Methylcyclohexane	9.34	83	3147	0.366	ug/L #	79
42) cis-1,3-Dichloropropene	10.04	75	3975	0.561	ug/L #	57
44) Toluene	10.39	91	20201	1.053	ug/L	91
47) Tetrachloroethene	10.87	164	7628	1.950	ug/L	93
50) Dibromochloromethane	10.87	129	6879	1.638	ug/L #	12
53) Ethylbenzene	11.74	91	9713	0.436	ug/L	97
54) m,p-Xylene	11.84	106	5764	0.705	ug/L	99
55) o-xylene	12.17	106	2464	0.318	ug/L	83

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

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Sample : J4970-09
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Instrument :
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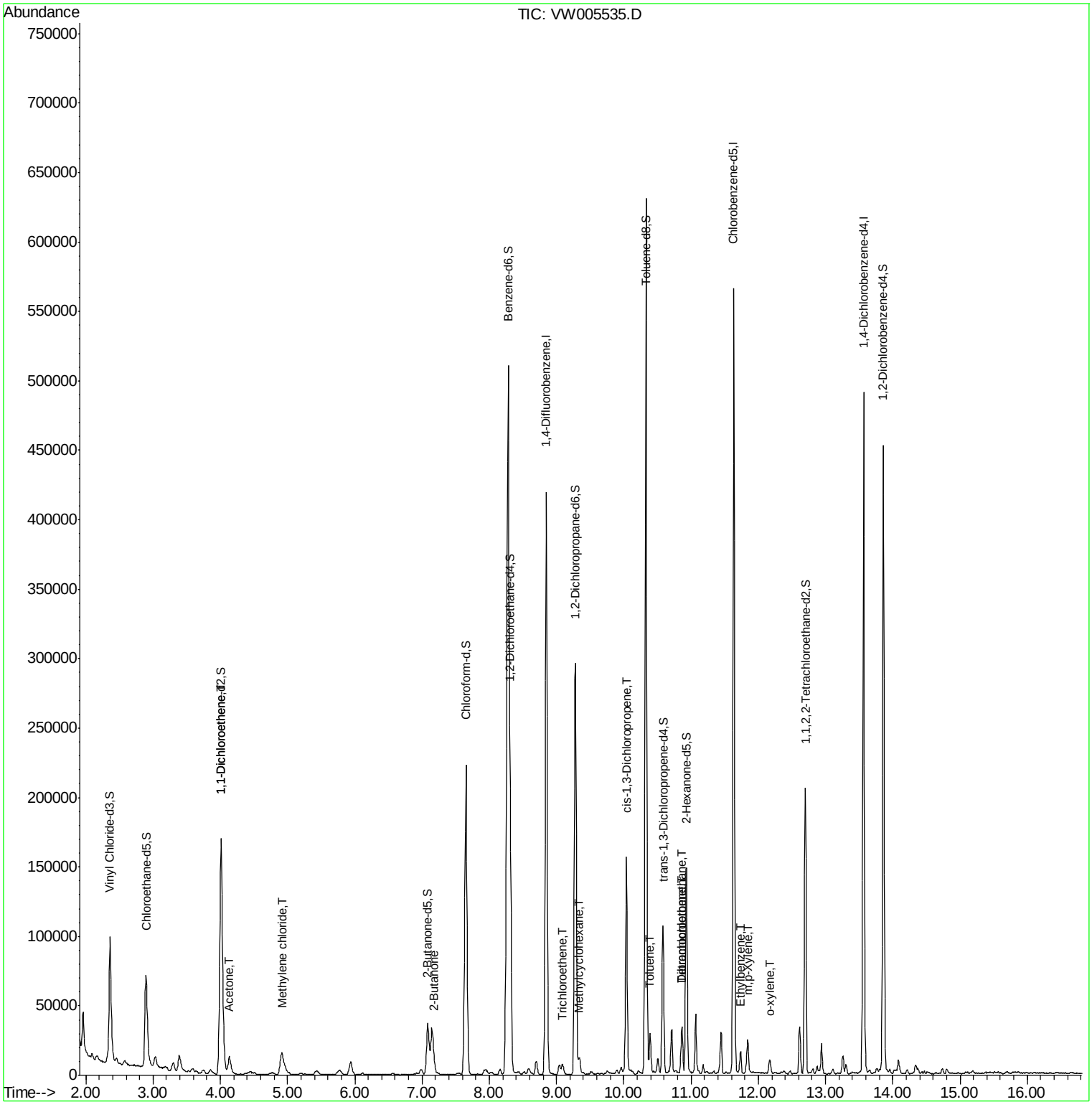
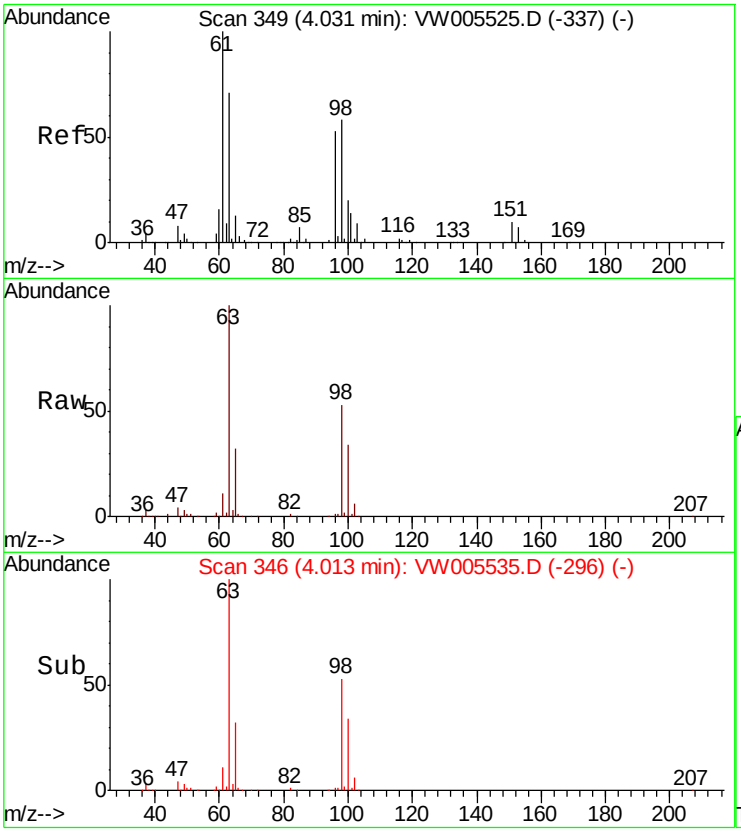
Quant Time: Sep 21 01:01:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration



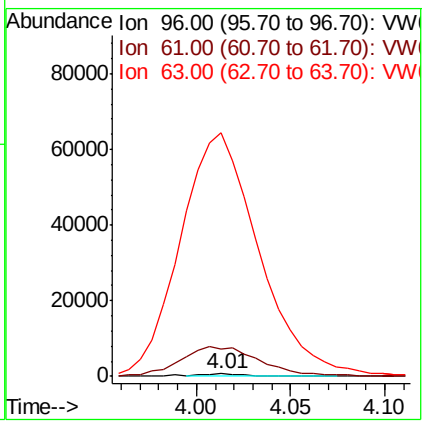


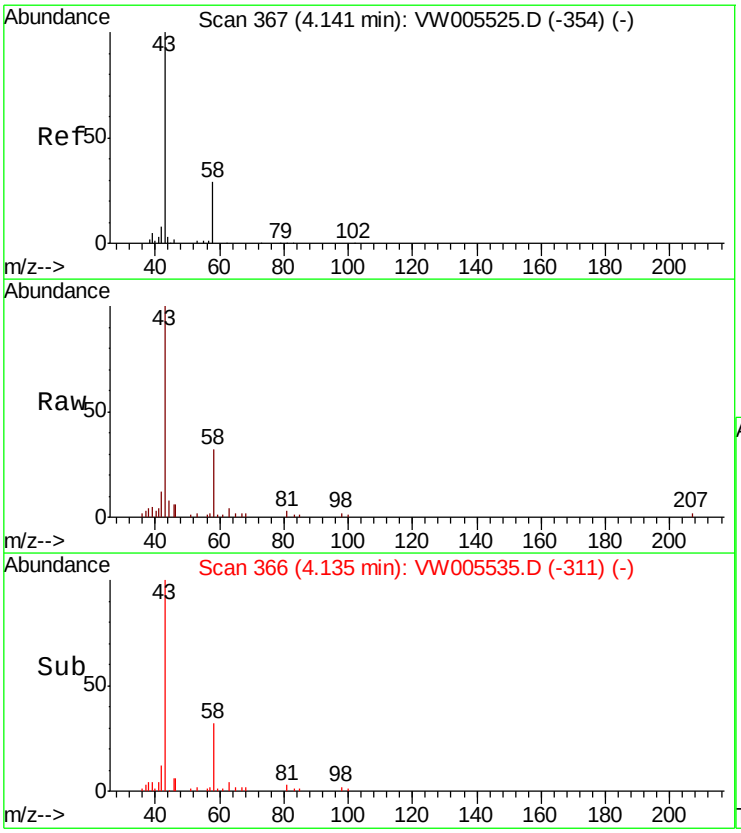
#12
1,1-Dichloroethene
Concen: 0.301 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.02 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument : MSVOA_W
ClientSampleId : E5FE1

Tgt Ion: 96 Resp: 1248

Ion	Ratio	Lower	Upper
96	100		
61	1169.4	129.5	240.5#
63	10268.6	117.5	218.3#

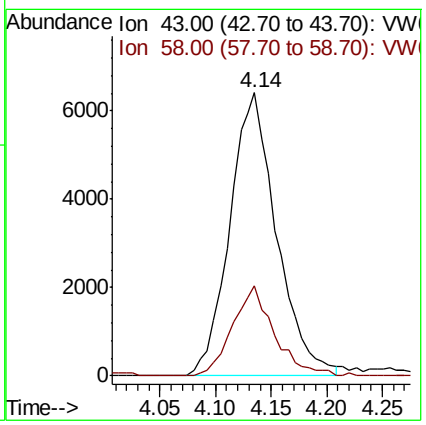


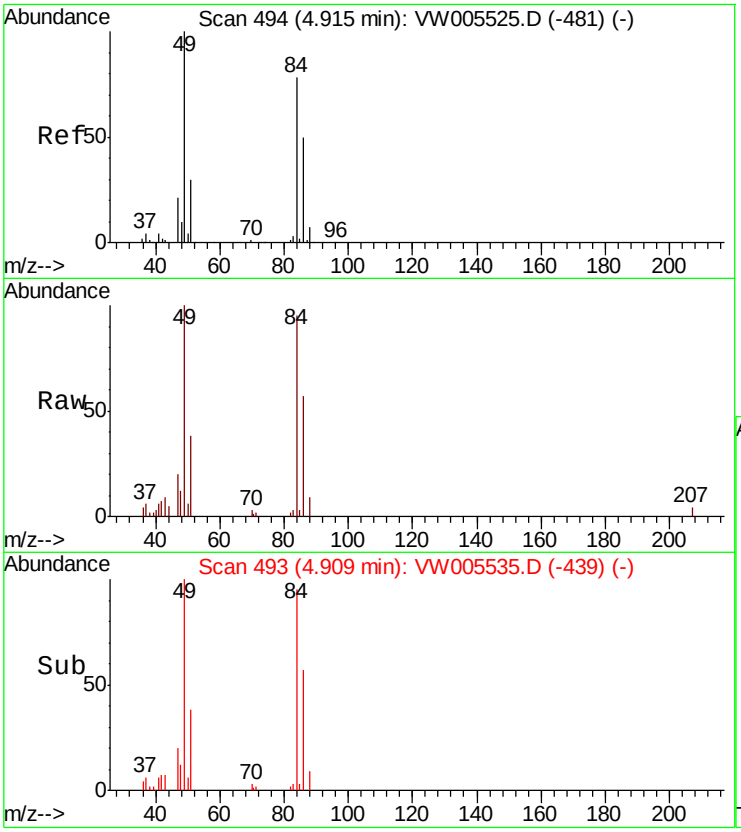


#13
Acetone
Concen: 12.407 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion: 43 Resp: 18691

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	59.2



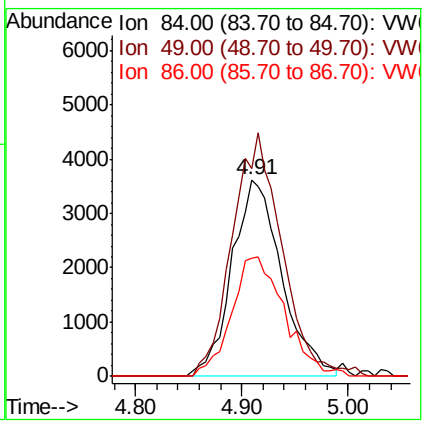


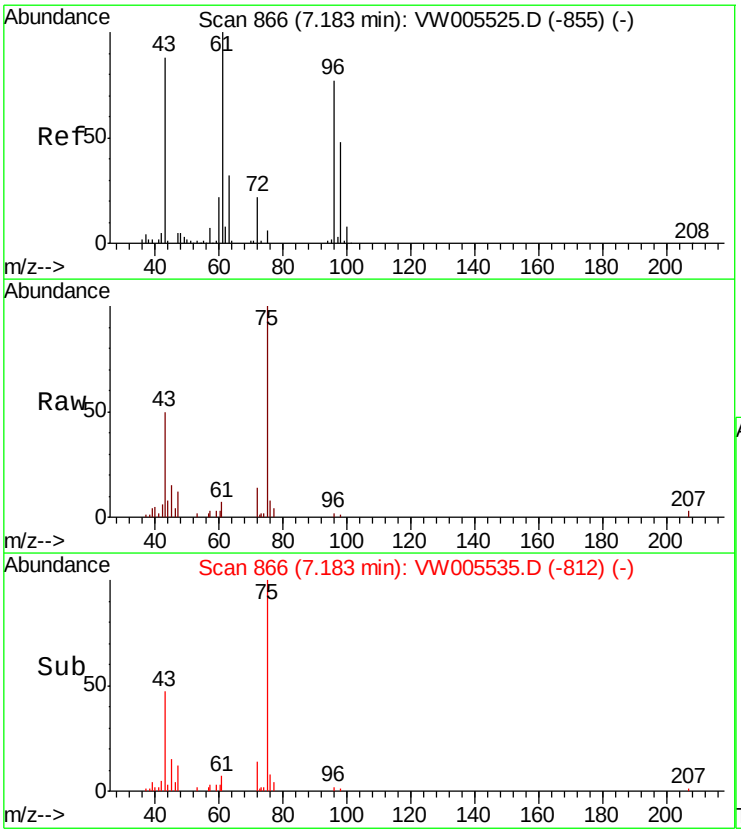
#16
Methylene chloride
Concen: 2.145 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument :
MSVOA_W
ClientSampleId :
E5FE1

Tgt Ion: 84 Resp: 11880

Ion	Ratio	Lower	Upper
84	100		
49	105.8	91.5	169.9
86	59.9	44.8	83.2

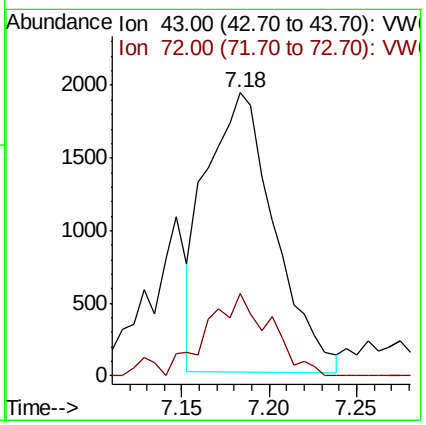


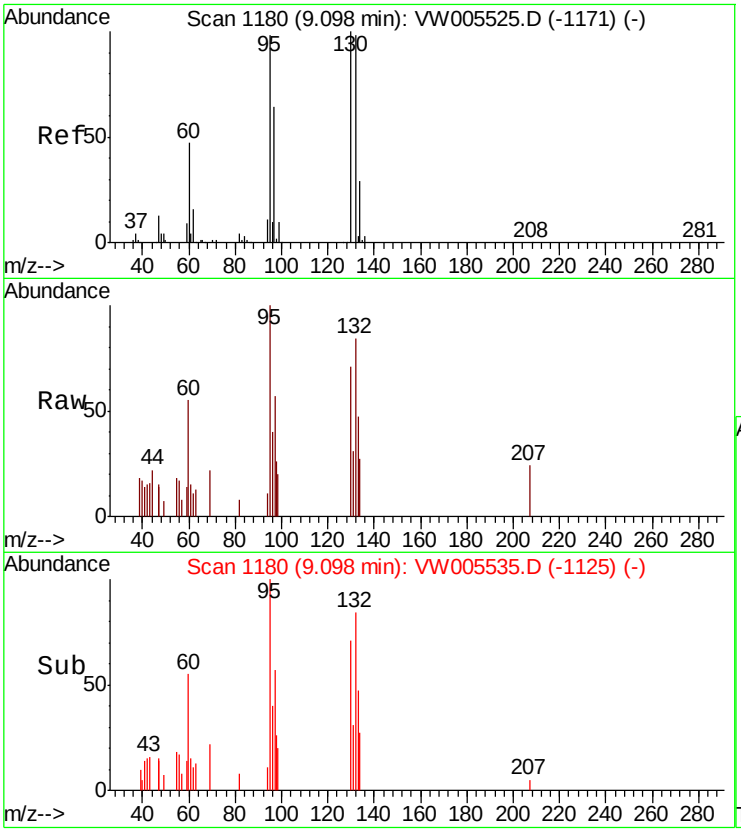


#21
2-Butanone
Concen: 2.534 ug/L
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion: 43 Resp: 5234

Ion	Ratio	Lower	Upper
43	100		
72	9.2	12.6	37.6#



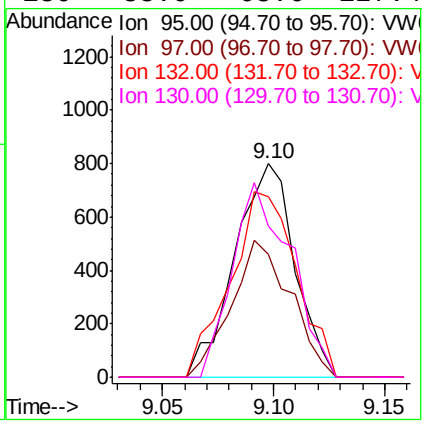


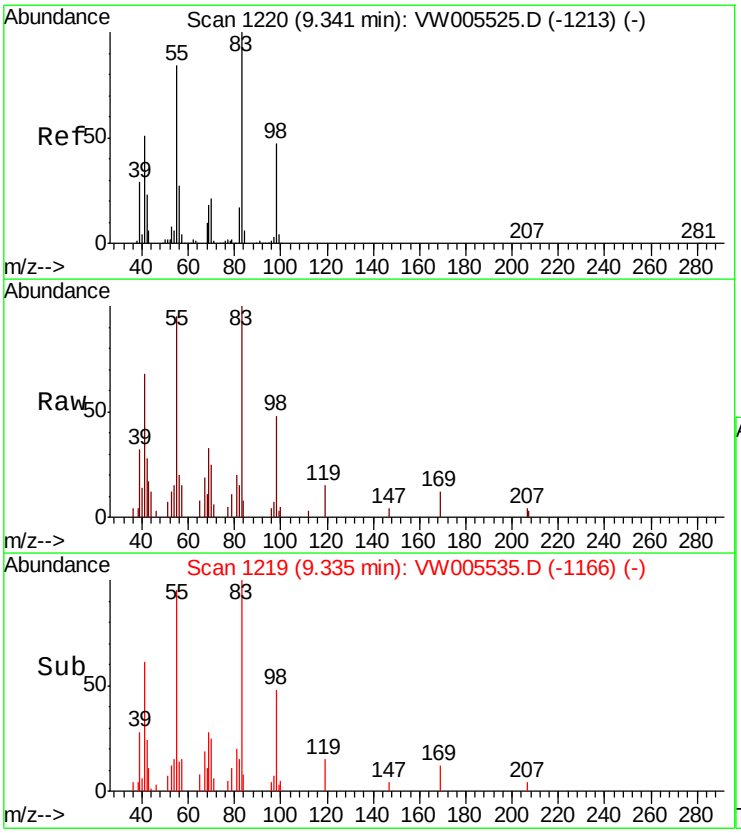
#35
Trichloroethene
Concen: 0.313 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument : MSVOA_W
ClientSampleId : E5FE1

Tgt Ion: 95 Resp: 1504

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.0	83.6
132	95.3	66.4	123.2
130	88.0	68.6	127.4

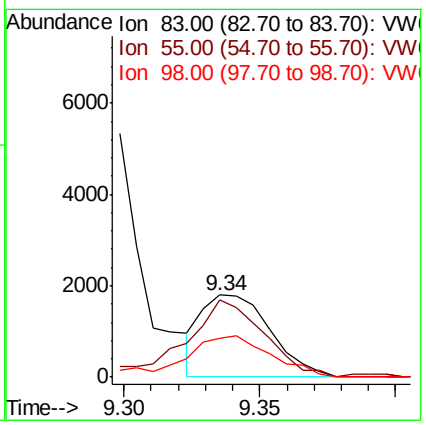


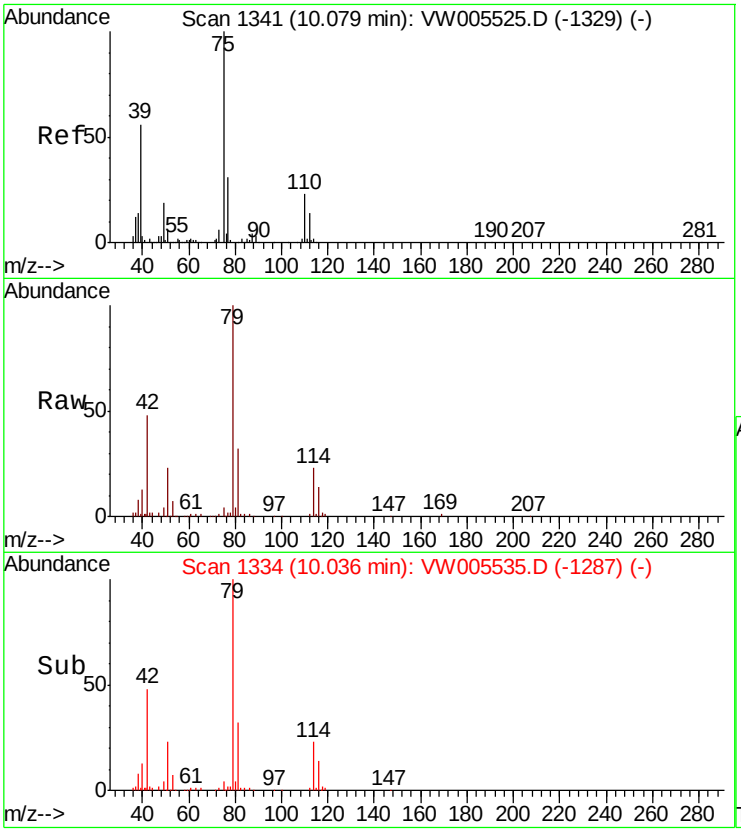


#36
Methylcyclohexane
Concen: 0.366 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion: 83 Resp: 3147

Ion	Ratio	Lower	Upper
83	100		
55	102.4	66.4	99.6#
98	58.7	36.3	54.5#



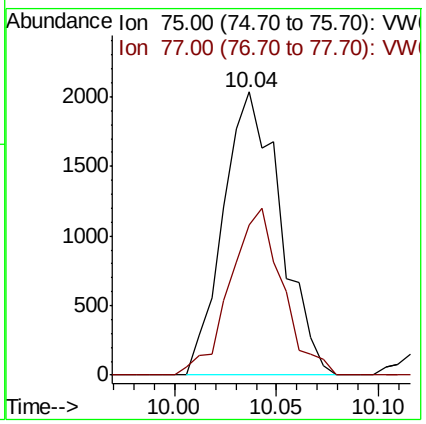


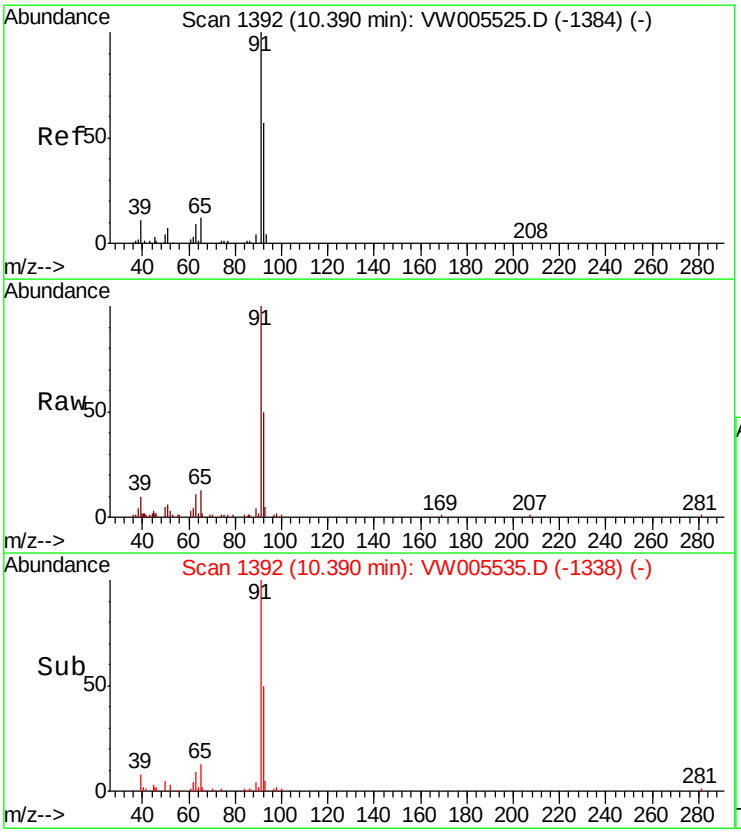
#42
cis-1,3-Dichloropropene
Concen: 0.561 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument : MSVOA_W
ClientSampleId : E5FE1

Tgt Ion: 75 Resp: 3975

Ion	Ratio	Lower	Upper
75	100		
77	53.3	21.1	39.1#

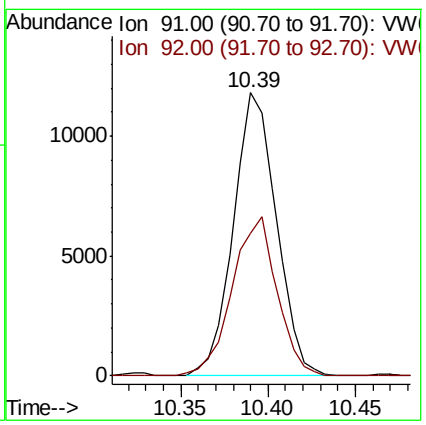


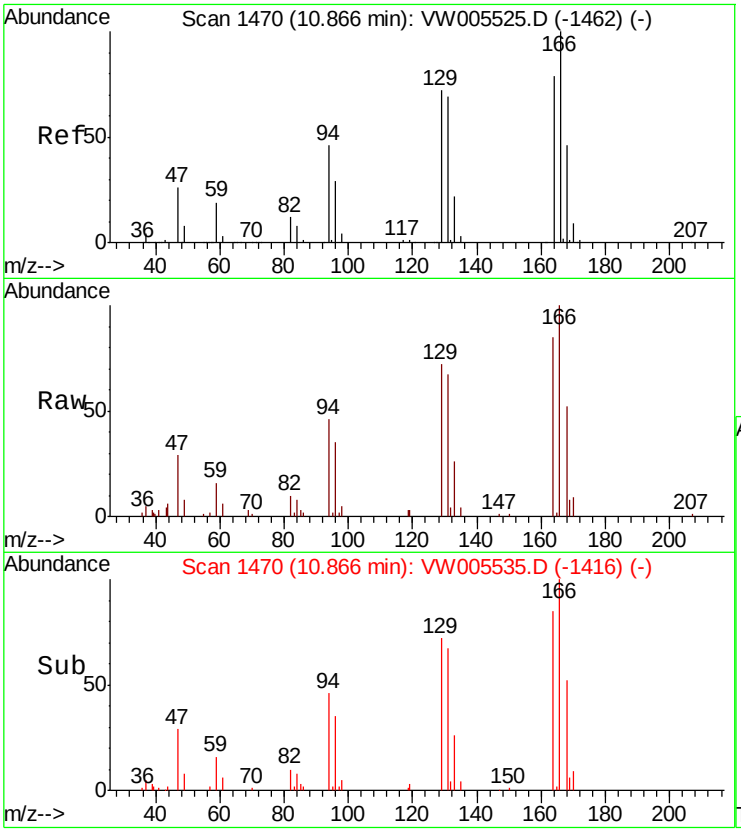


#44
Toluene
Concen: 1.053 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion: 91 Resp: 20201

Ion	Ratio	Lower	Upper
91	100		
92	50.2	40.0	74.2



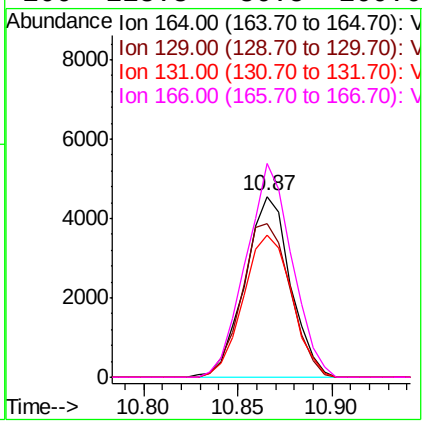


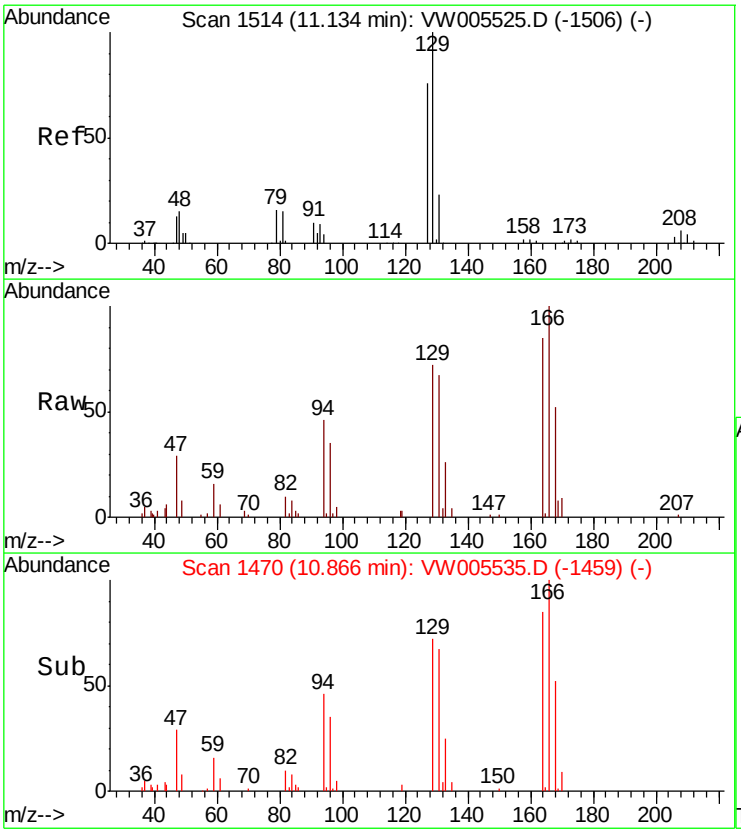
#47
Tetrachloroethene
Concen: 1.950 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument :
MSVOA_W
ClientSampleId :
E5FE1

Tgt Ion:164 Resp: 7628

Ion	Ratio	Lower	Upper
164	100		
129	85.1	63.7	118.3
131	78.8	63.3	117.5
166	118.3	86.5	160.6

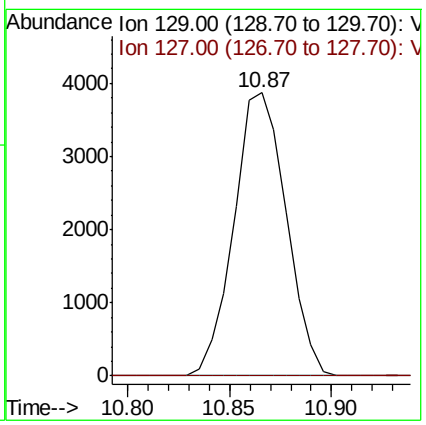


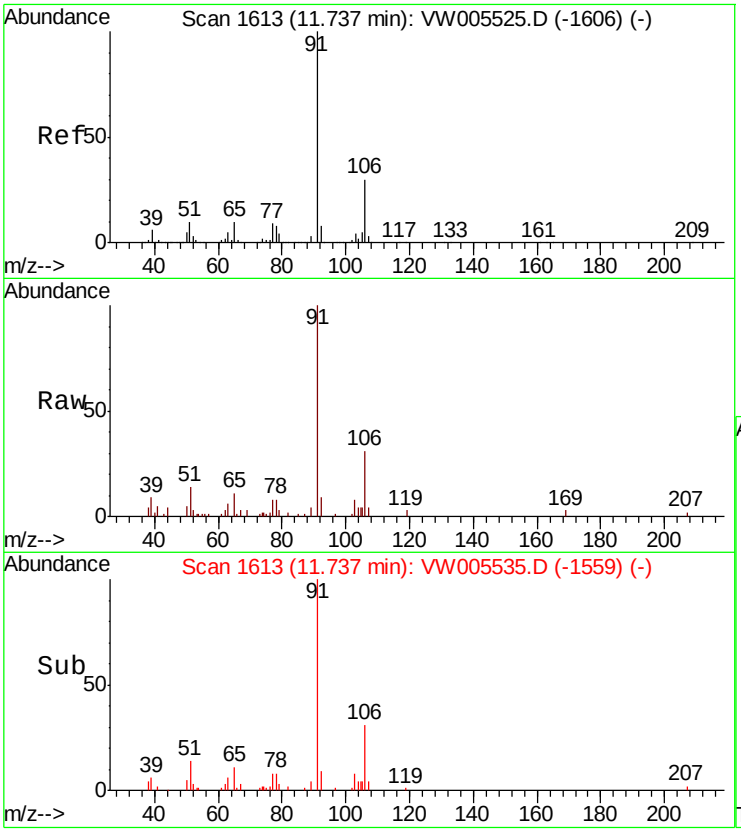


#50
Dibromochloromethane
Concen: 1.638 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion:129 Resp: 6879

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#



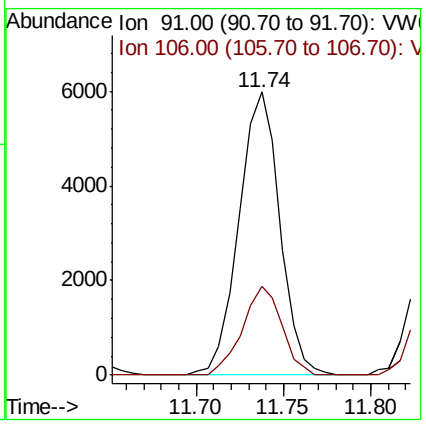


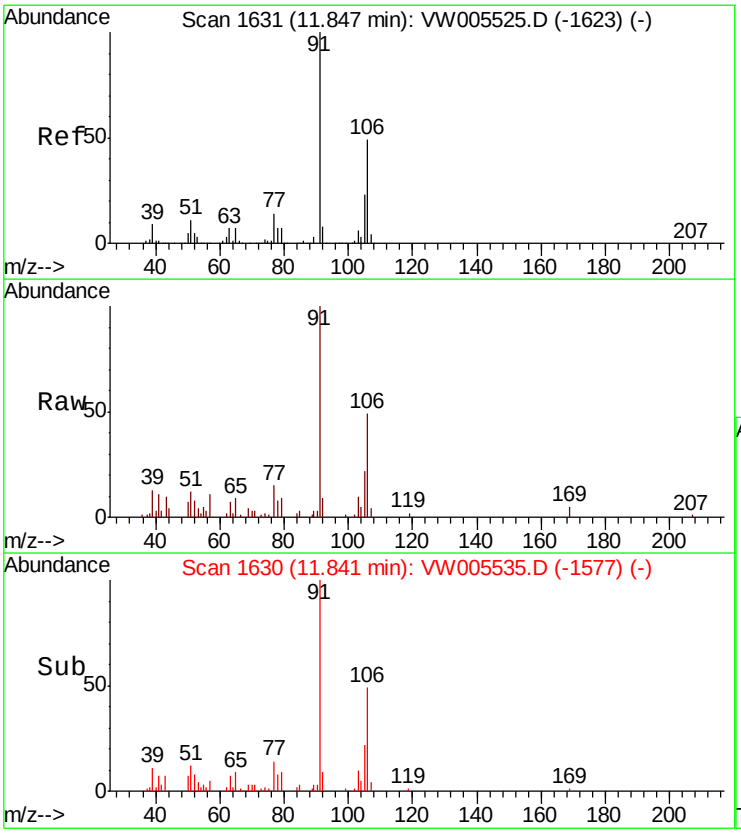
#53
Ethylbenzene
Concen: 0.436 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument : MSVOA_W
ClientSampleId : E5FE1

Tgt Ion: 91 Resp: 9713

Ion	Ratio	Lower	Upper
91	100		
106	31.4	20.8	38.6

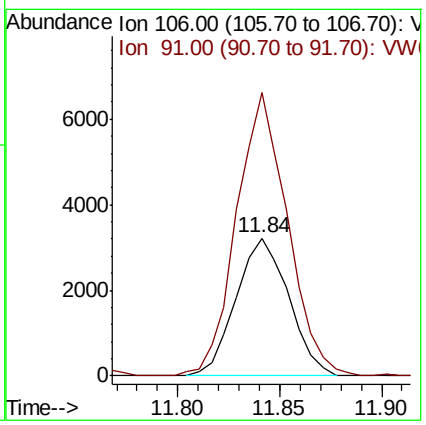


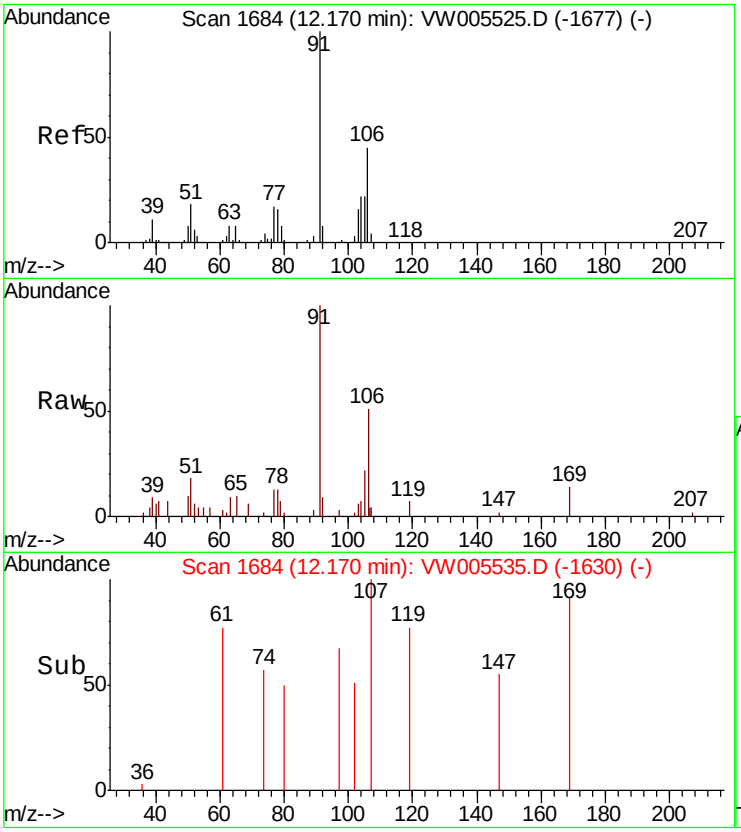


#54
m,p-Xylene
Concen: 0.705 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Tgt Ion:106 Resp: 5764

Ion	Ratio	Lower	Upper
106	100		
91	205.8	144.6	268.6





#55
o-xylene
Concen: 0.318 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005535.D
Acq: 20 Sep 2018 15:14

Instrument :
MSVOA_W
ClientSampleId :
E5FE1

Tgt Ion:106 Resp: 2464

Ion	Ratio	Lower	Upper
106	100		
91	195.3	156.3	290.3