Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061120\
Data File : VW015593.D
Acq On : 11 Jun 2020 17:25
Operator : SY/VA
Sample : L2959-10
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2K4

Quant Time: Jun 12 06:47:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:02:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	365643	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	110061	32.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 131.40%			
7) Chloroethane-d5	2.90	69	89418	26.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.32%			
10) 1,1-Dichloroethene-d2	4.01	63	160200	19.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.48%			
20) 2-Butanone-d5	7.08	46	55315	50.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.12%			
24) Chloroform-d	7.65	84	206842	24.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.84%			
26) 1,2-Dichloroethane-d4	8.31	65	124282	26.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.68%			
29) Benzene-d6	8.28	84	413807	24.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.96%			
33) 1,2-Dichloropropane-d6	9.27	67	123966	24.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.56%			
37) Toluene-d8	10.33	98	380162	23.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.48%			
38) trans-1,3-Dichloropropene-	10.58	79	50811	21.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.32%			
39) 2-Hexanone-d5	10.93	63	43874	50.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94786	25.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.08%			
61) 1,2-Dichlorobenzene-d4	13.85	152	125030	24.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.16%			
Target Compounds						Qvalue
13) Acetone	4.12	43	19283	22.801	ug/L	98
14) Carbon disulfide	4.38	76	502714	34.563	ug/L	100
16) Methylene chloride	4.92	84	10381	2.313	ug/L	95
21) 2-Butanone	7.18	43	7051	5.427	ug/L	100
44) Toluene	10.39	91	6399	0.311	ug/L	99
53) Ethylbenzene	11.73	91	32900	1.393	ug/L	94
54) m,p-Xylene	11.84	106	16485	1.860	ug/L	97
55) o-xylene	12.17	106	8265	0.982	ug/L	91
56) Styrene	12.18	104	15272	1.062	ug/L	97

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

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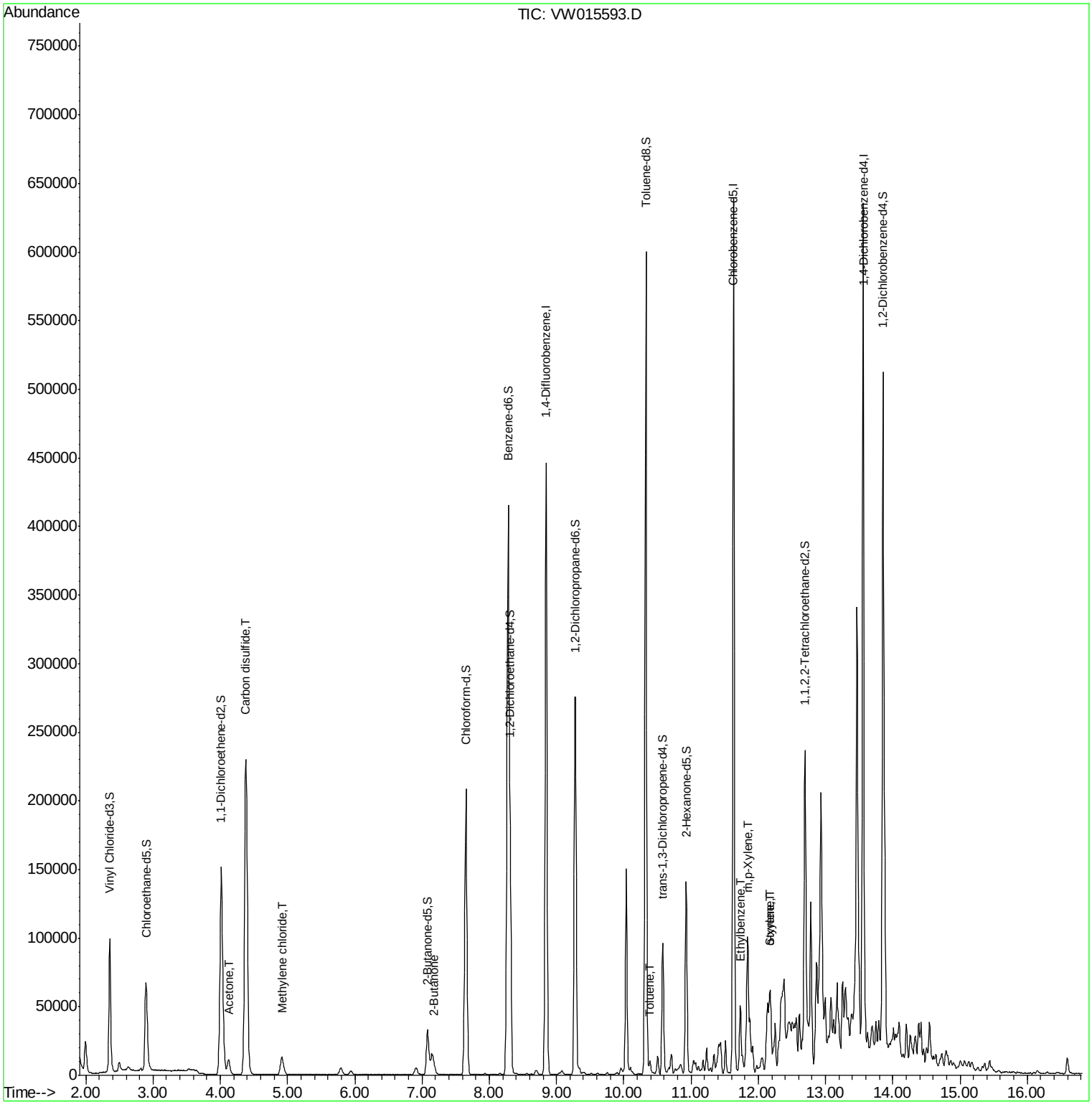
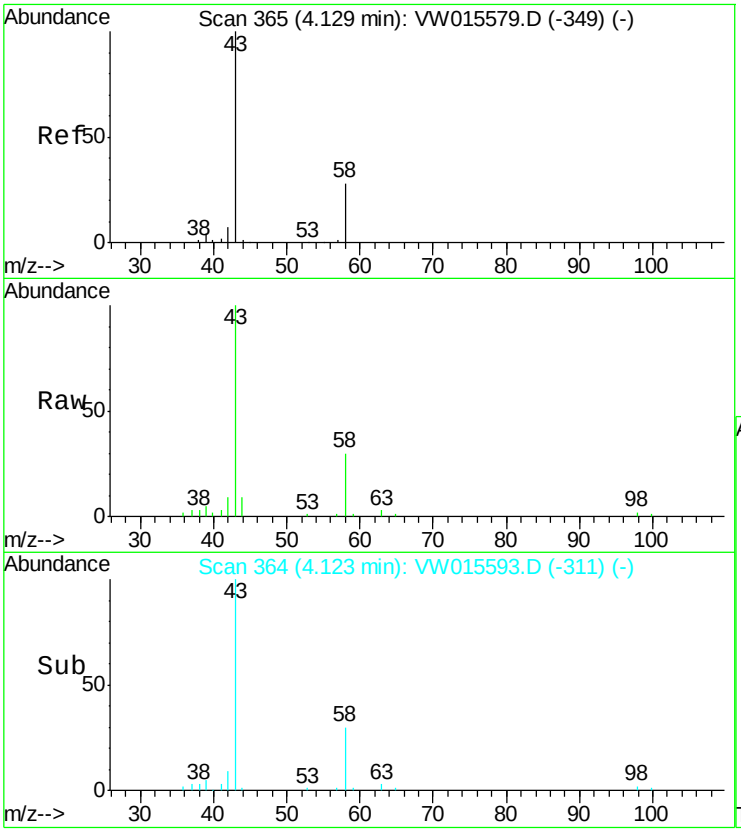


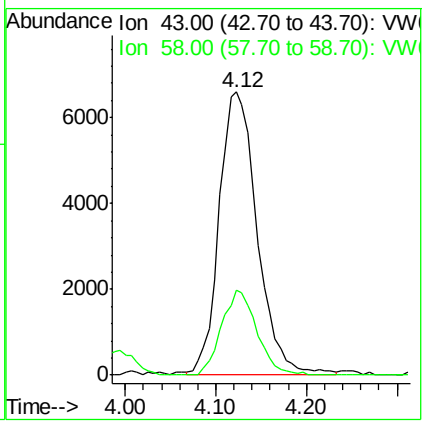


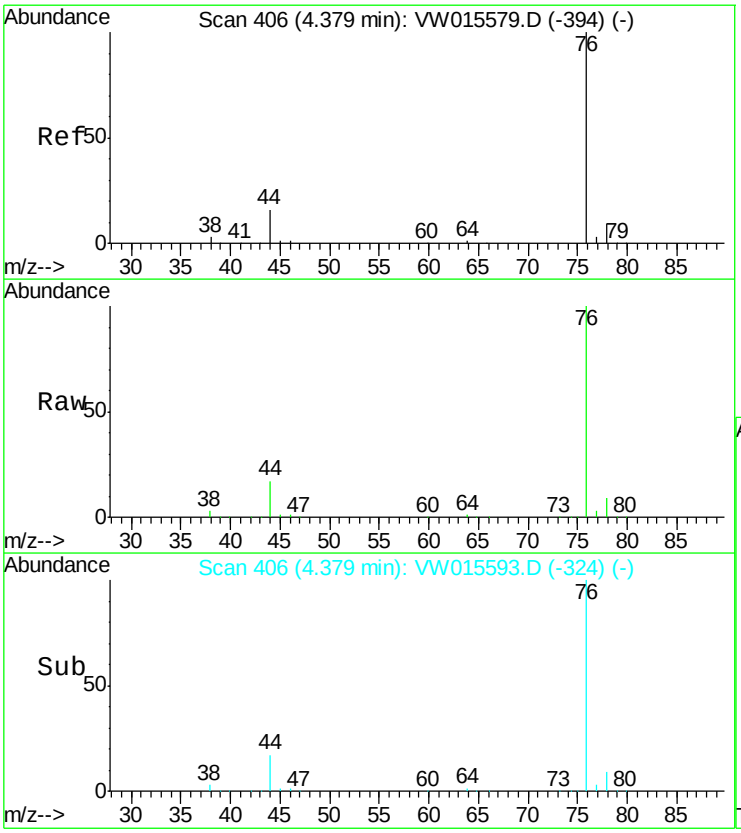
#13
Acetone
Concen: 22.801 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Instrument :
MSVOA_W
ClientSampleId :
BG2K4

Tgt Ion: 43 Resp: 19283

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	56.8

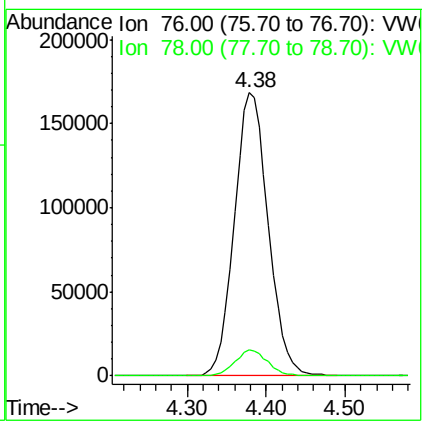


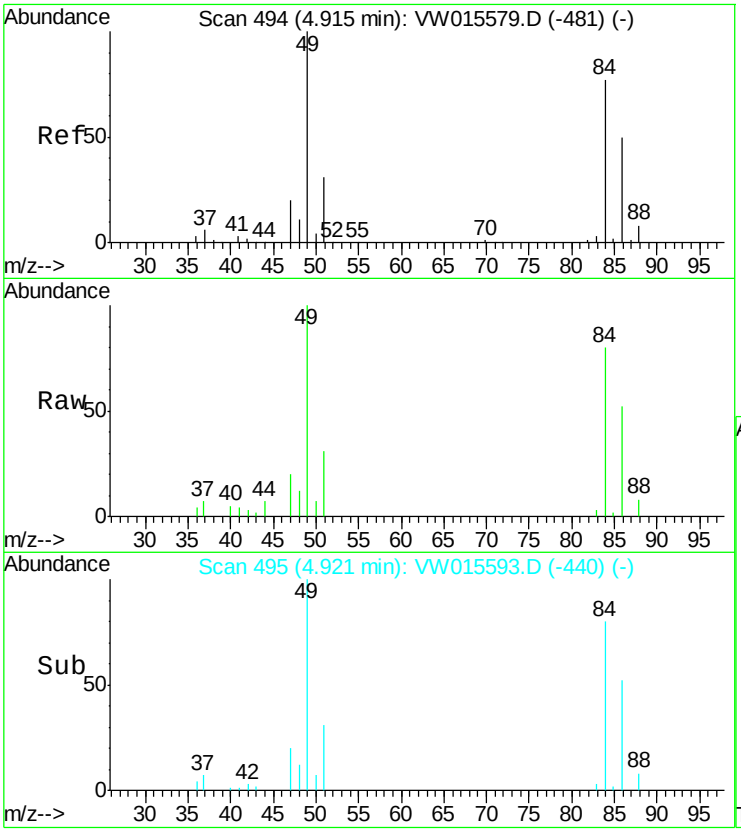


#14
Carbon disulfide
Concen: 34.563 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Tgt Ion: 76 Resp: 502714

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



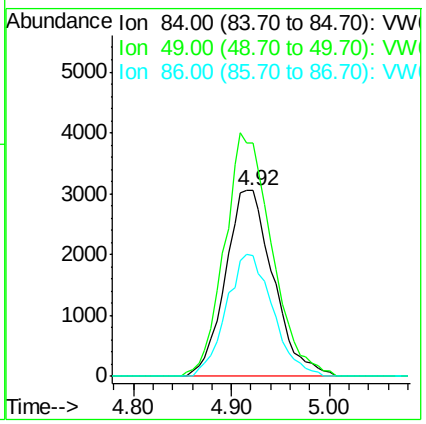


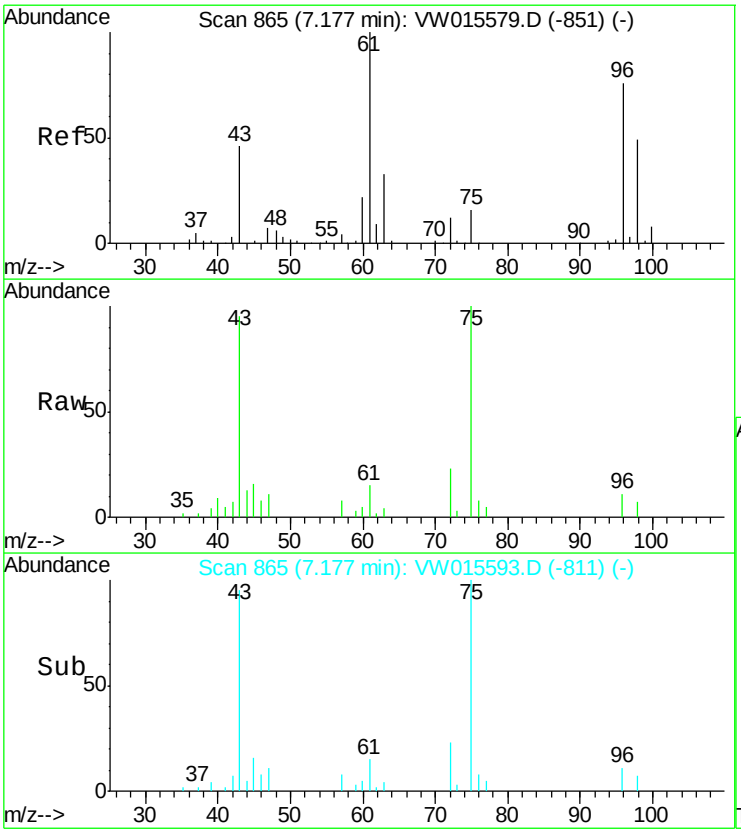
#16
Methylene chloride
Concen: 2.313 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Instrument : MSVOA_W
ClientSampleId : BG2K4

Tgt Ion: 84 Resp: 10381

Ion	Ratio	Lower	Upper
84	100		
49	125.4	93.0	172.8
86	64.7	44.7	83.1

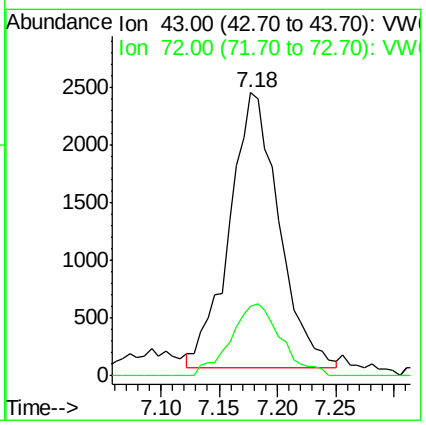


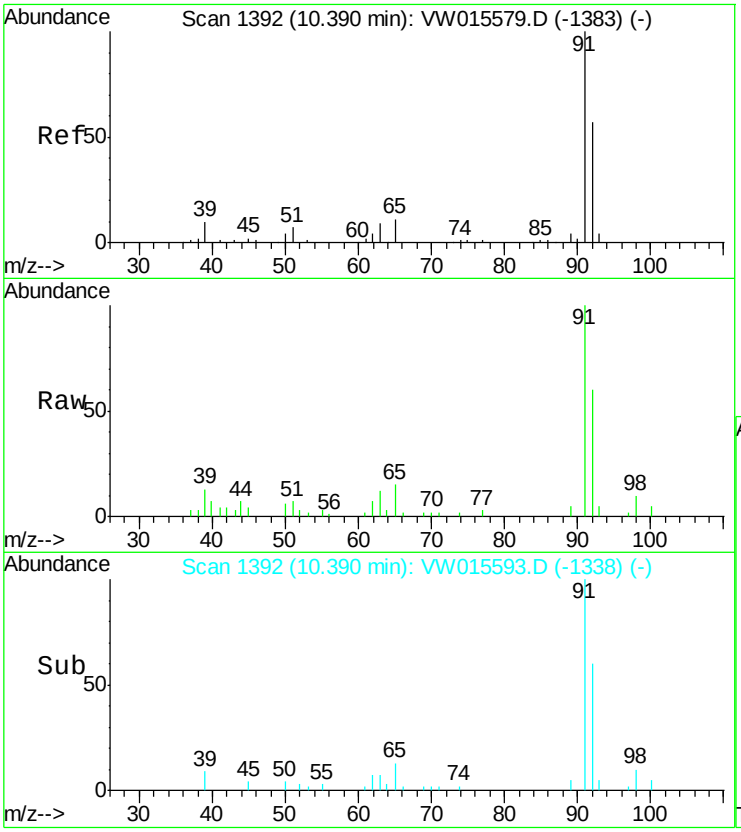


#21
2-Butanone
Concen: 5.427 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Tgt Ion: 43 Resp: 7051

Ion	Ratio	Lower	Upper
43	100		
72	26.5	13.3	39.9



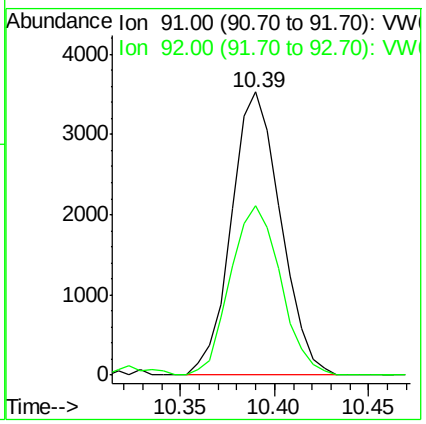


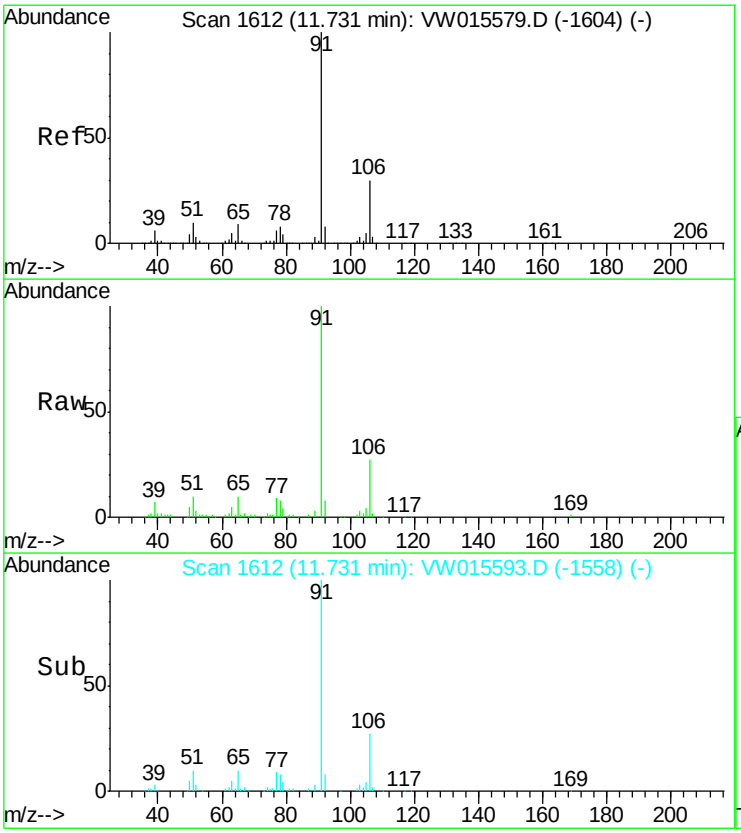
#44
Toluene
Concen: 0.311 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Instrument : MSVOA_W
ClientSampleId : BG2K4

Tgt Ion: 91 Resp: 6399

Ion	Ratio	Lower	Upper
91	100		
92	60.0	41.7	77.5

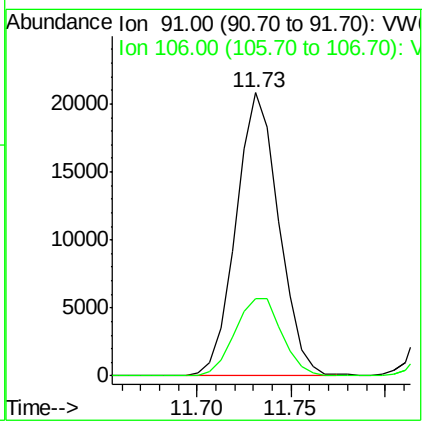


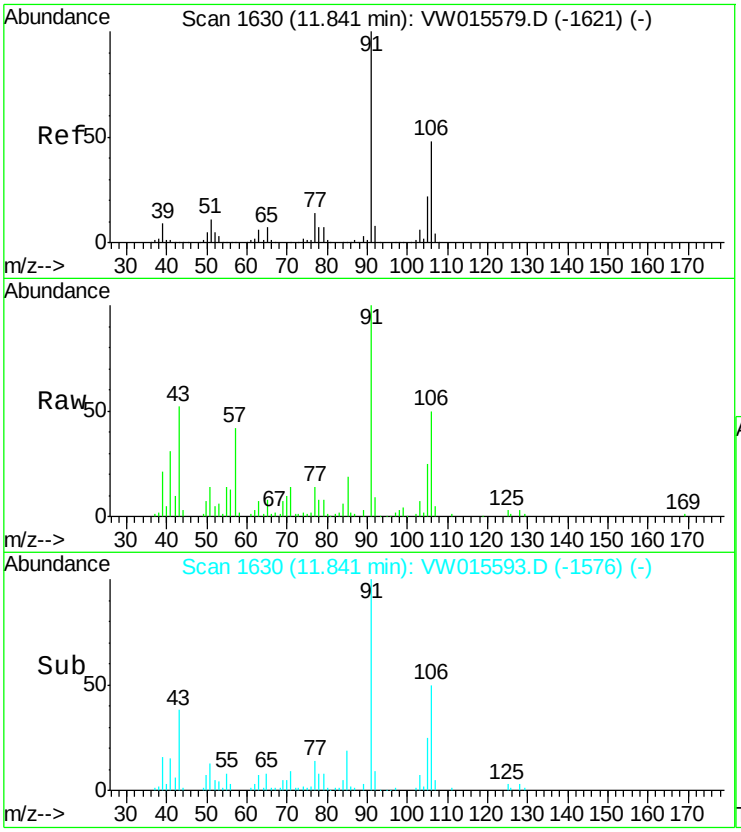


#53
Ethylbenzene
Concen: 1.393 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Tgt Ion: 91 Resp: 32900

Ion	Ratio	Lower	Upper
91	100		
106	27.4	21.3	39.6



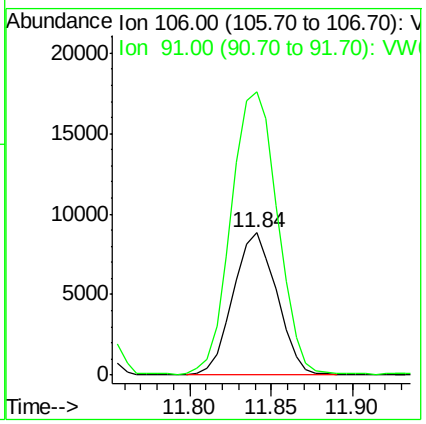


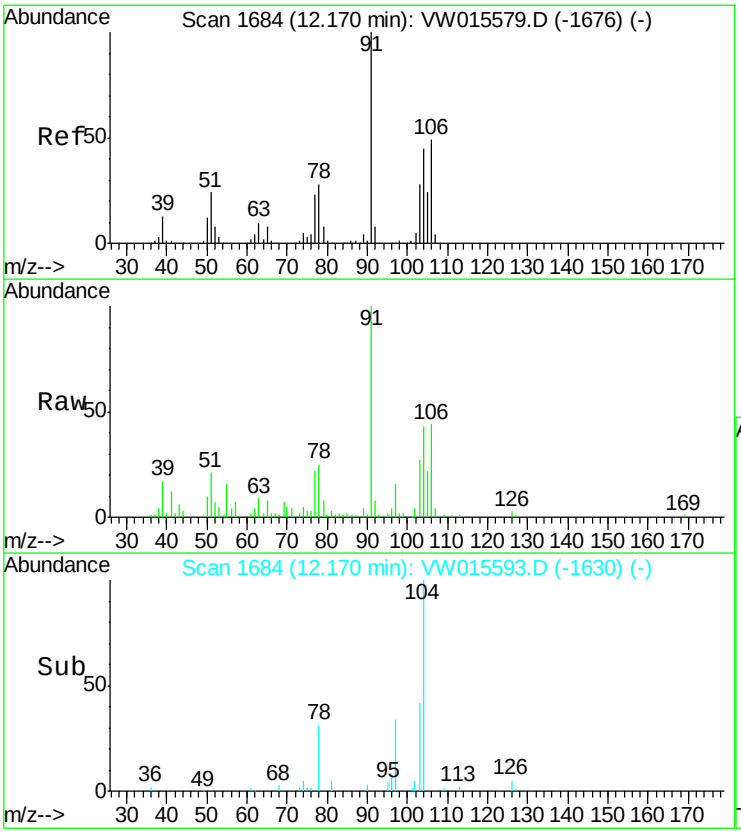
#54
m,p-Xylene
Concen: 1.860 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Instrument :
MSVOA_W
ClientSampleId :
BG2K4

Tgt Ion:106 Resp: 16485

Ion	Ratio	Lower	Upper
106	100		
91	199.2	142.6	264.8

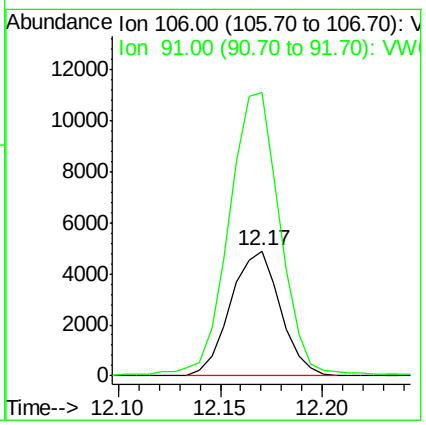


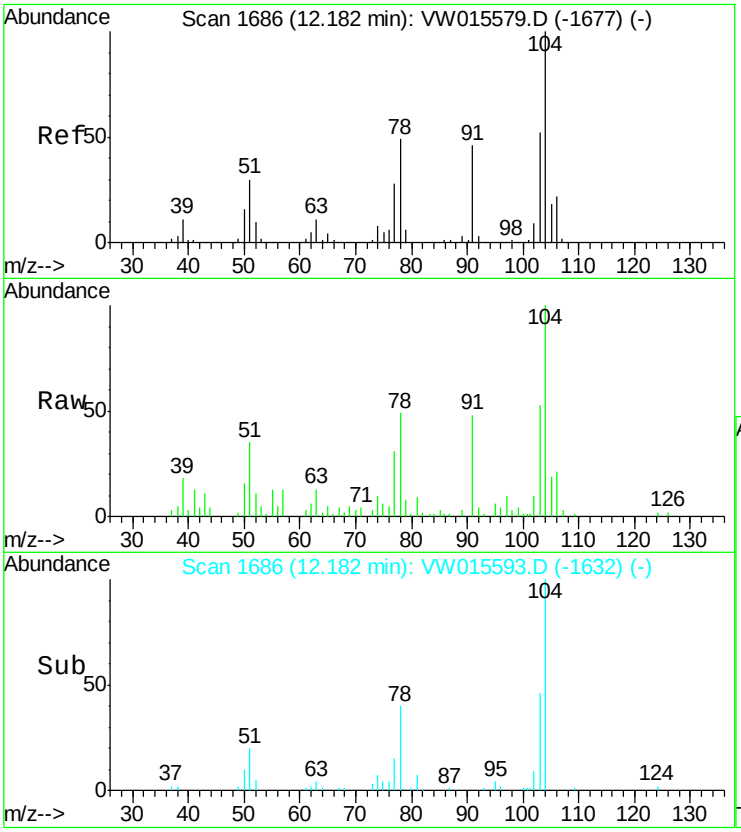


#55
o-xylene
Concen: 0.982 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Tgt Ion:106 Resp: 8265

Ion	Ratio	Lower	Upper
106	100		
91	226.5	149.0	276.6





#56
Stvrene
Concen: 1.062 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015593.D
Acq: 11 Jun 2020 17:25

Instrument :
MSVOA_W
ClientSampleId :
BG2K4

Tgt Ion:104 Resp: 15272

Ion	Ratio	Lower	Upper
104	100		
78	48.8	32.9	61.1