Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111819\

Quantitation Report (Not Reviewed)

Data File : VW014056.D
Acq On : 18 Nov 2019 12:08
Operator : SY/VA
Sample : K5855-01RE
Misc : 7.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQF3

Quant Time: Nov 19 07:24:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	112723	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	112753	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.68%			
7) Chloroethane-d5	2.89	69	103220	23.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.20%			
10) 1,1-Dichloroethene-d2	4.01	63	184461	16.28	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.12%			
20) 2-Butanone-d5	7.07	46	100695	62.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.52%			
24) Chloroform-d	7.64	84	270826	25.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	8.30	65	153425	28.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.68%			
29) Benzene-d6	8.27	84	570107	26.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.80%			
33) 1,2-Dichloropropane-d6	9.27	67	174765	28.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.80%			
37) Toluene-d8	10.32	98	490357	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.76%			
38) trans-1,3-Dichloropropene-	10.57	79	73837	27.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.28%			
39) 2-Hexanone-d5	10.92	63	84015	71.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.98%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130678	27.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.68%			
61) 1,2-Dichlorobenzene-d4	13.85	152	107477	23.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.92%			
Target Compounds						Qvalue
13) Acetone	4.12	43	25995	15.923	ug/L	97
14) Carbon disulfide	4.37	76	21186	1.274	ug/L	97
21) 2-Butanone	7.17	43	5858	2.793	ug/L	95
25) Chloroform	7.67	83	3654	0.363	ug/L #	47
34) Benzene	8.32	78	22223	1.016	ug/L	100
42) cis-1,3-Dichloropropene	10.03	75	4121	0.496	ug/L #	61
44) Toluene	10.38	91	34209	1.435	ug/L	94
53) Ethylbenzene	11.73	91	9603	0.367	ug/L	90
54) m,p-Xylene	11.84	106	3537	0.348	ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	11766	3.464	ug/L	92

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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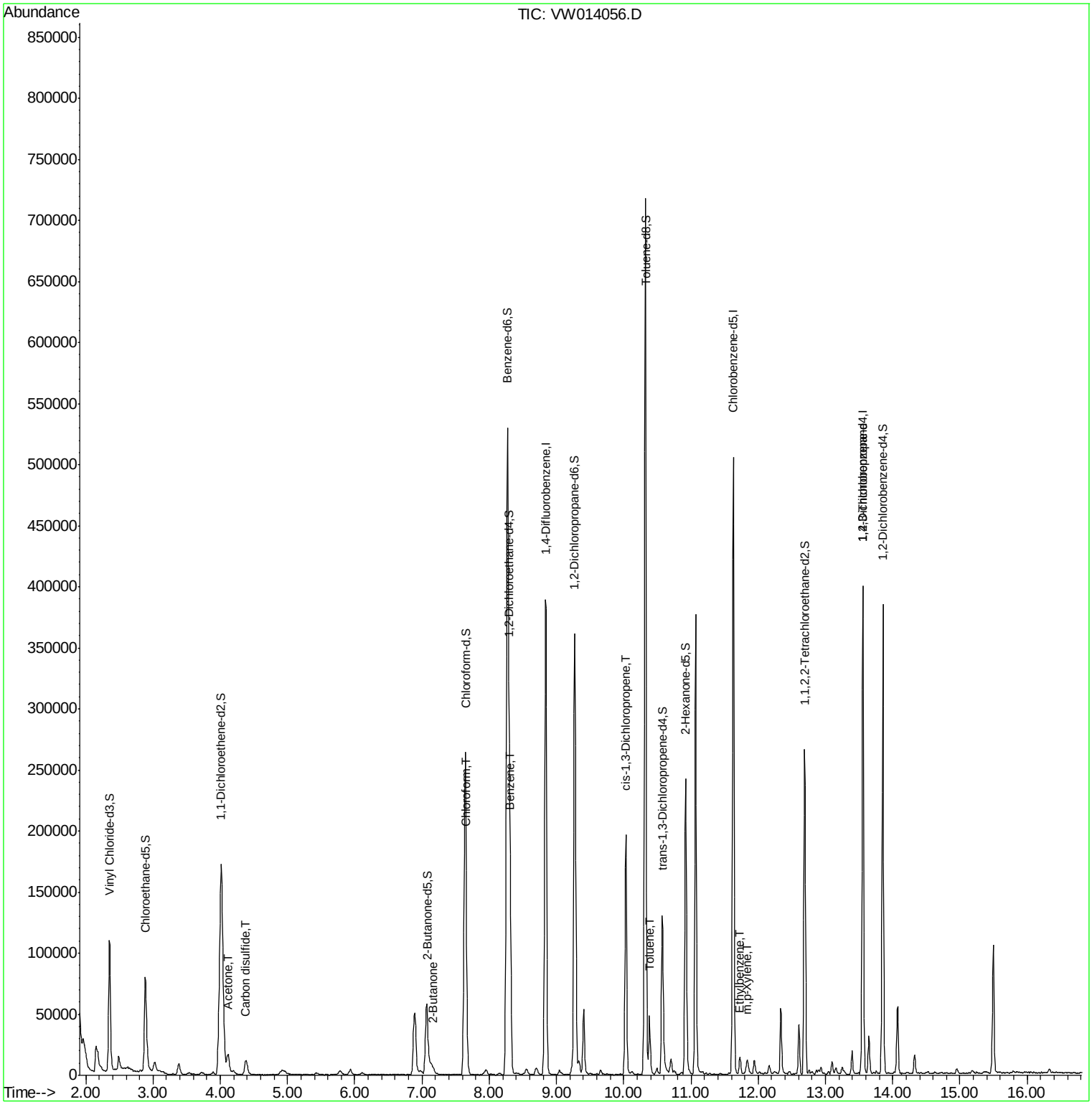
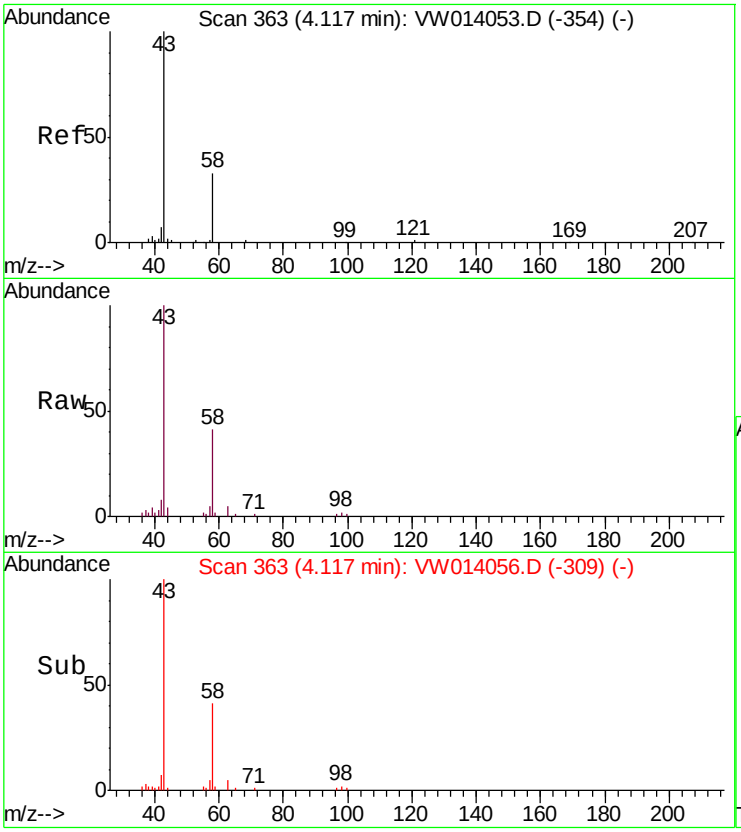
Quant Time: Nov 19 07:24:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration



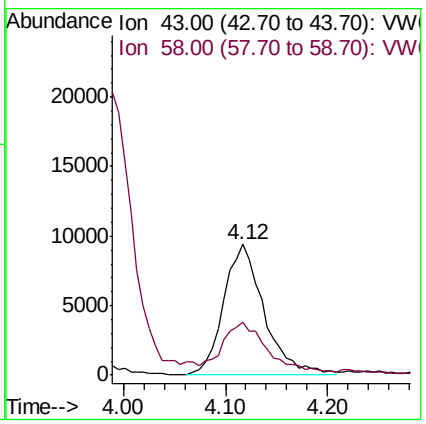


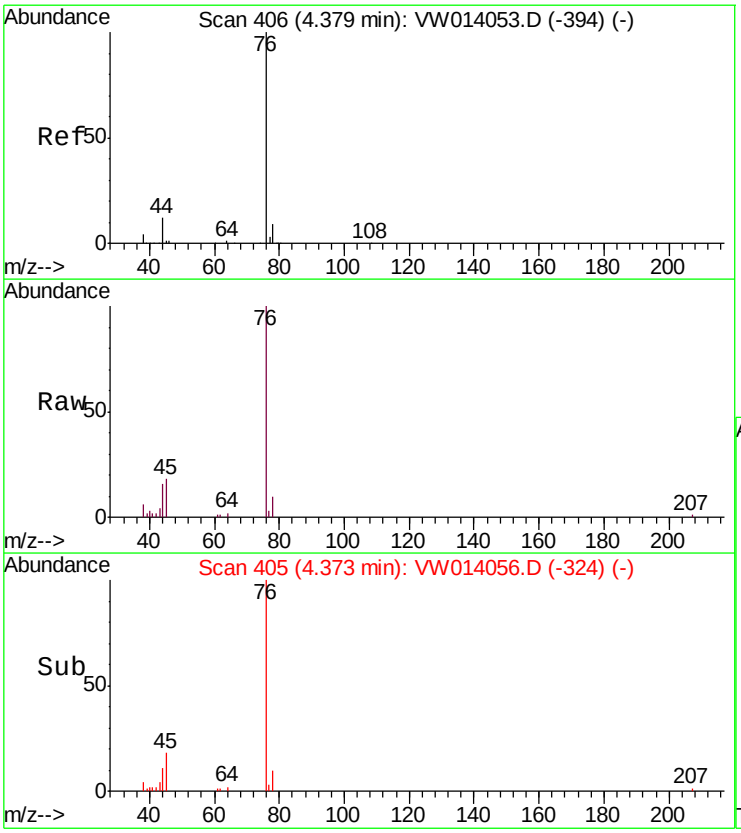
#13
Acetone
Concen: 15.923 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Instrument : MSVOA_W
ClientSampleId : GAQF3

Tgt Ion: 43 Resp: 25995

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	65.4

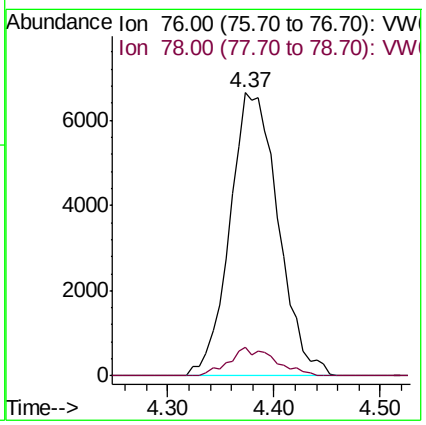


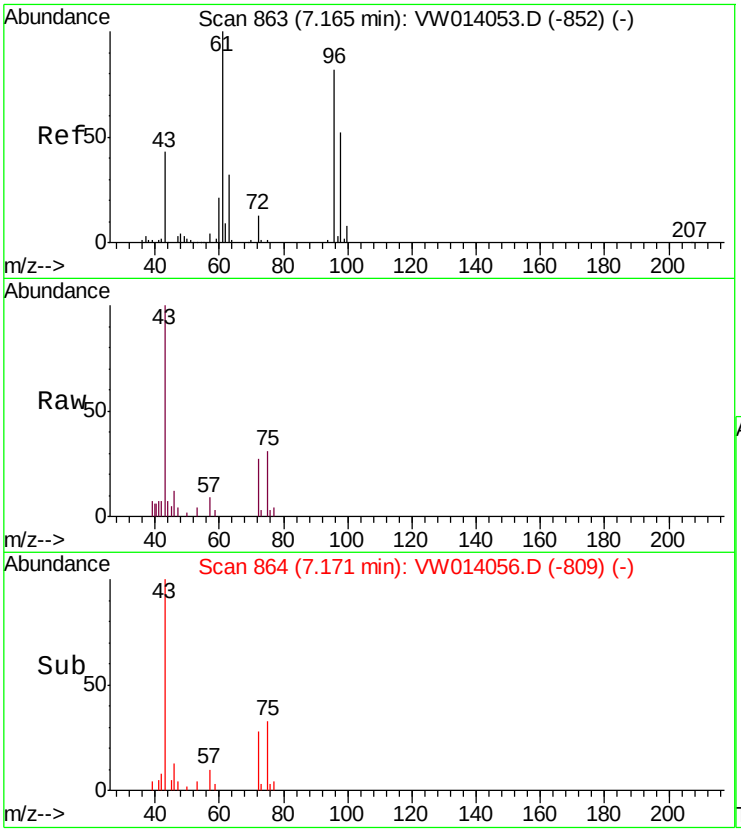


#14
Carbon disulfide
Concen: 1.274 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Tgt Ion: 76 Resp: 21186

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8



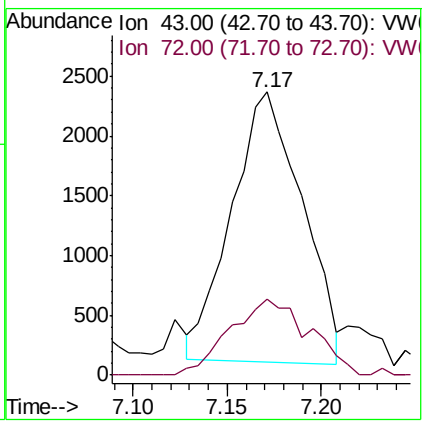


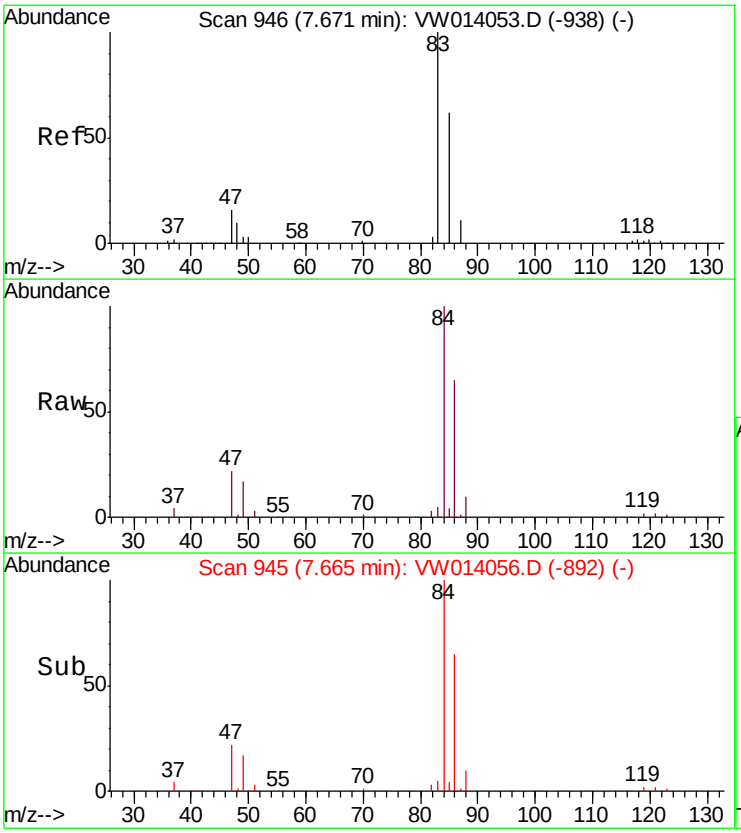
#21
2-Butanone
Concen: 2.793 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Instrument : MSVOA_W
ClientSampleId : GAQF3

Tgt Ion: 43 Resp: 5858

Ion	Ratio	Lower	Upper
43	100		
72	25.7	14.1	42.2

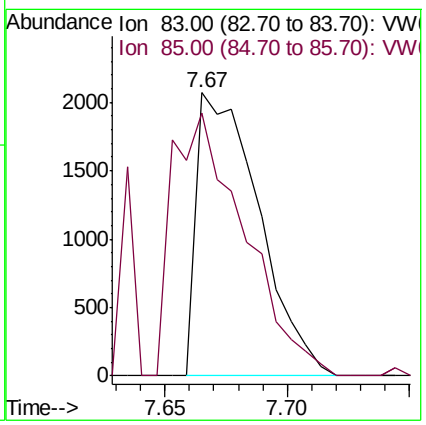


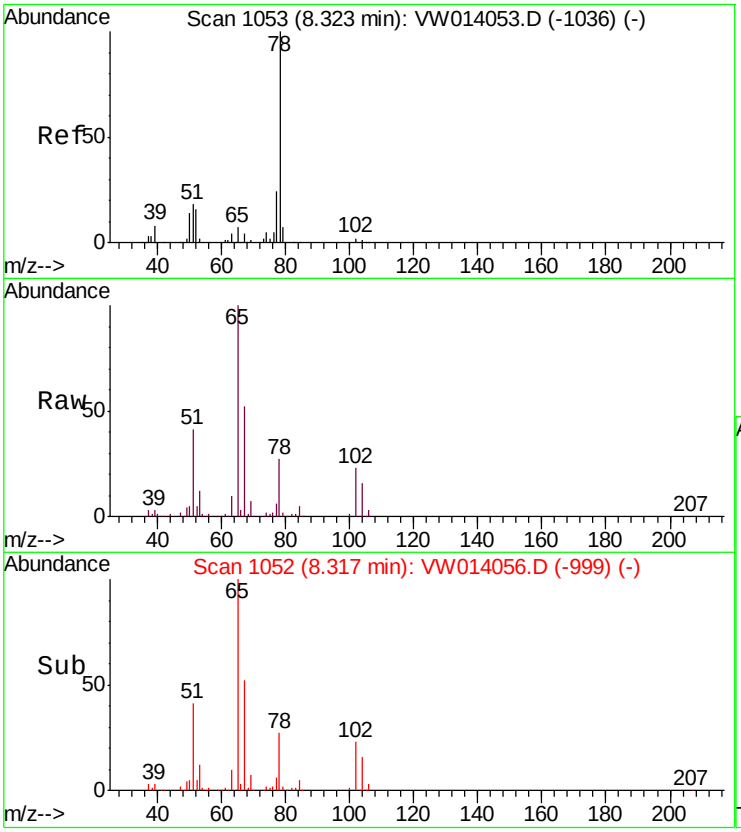


#25
Chloroform
Concen: 0.363 ug/L
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Tgt Ion: 83 Resp: 3654

Ion	Ratio	Lower	Upper
83	100		
85	108.3	46.1	85.7#

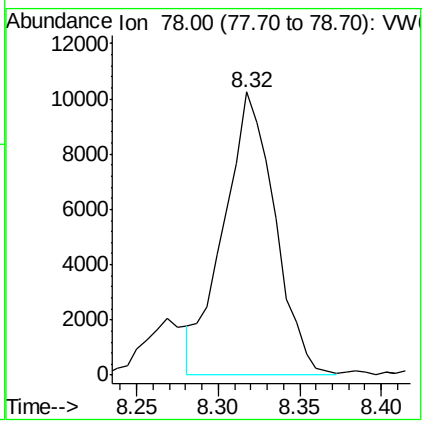


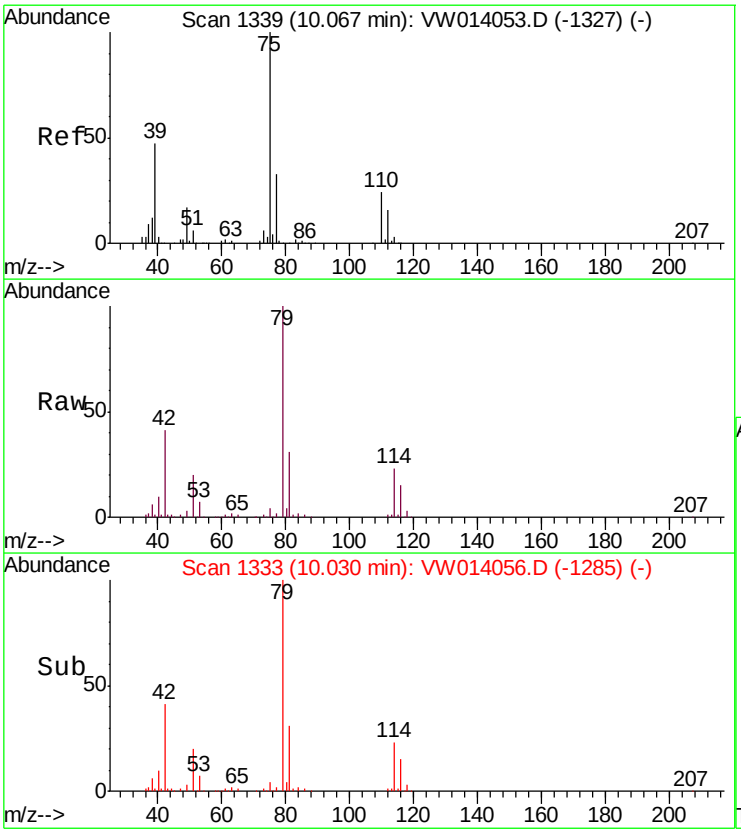


#34
Benzene
Concen: 1.016 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
GAQF3

Tgt Ion: 78 Resp: 22223

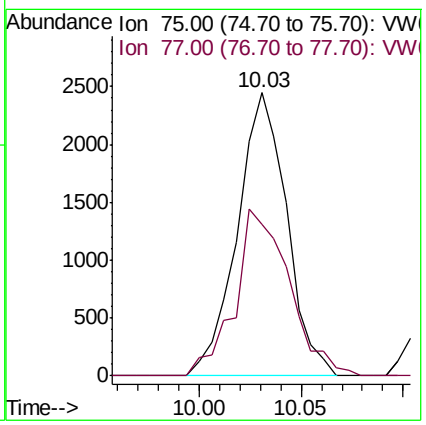


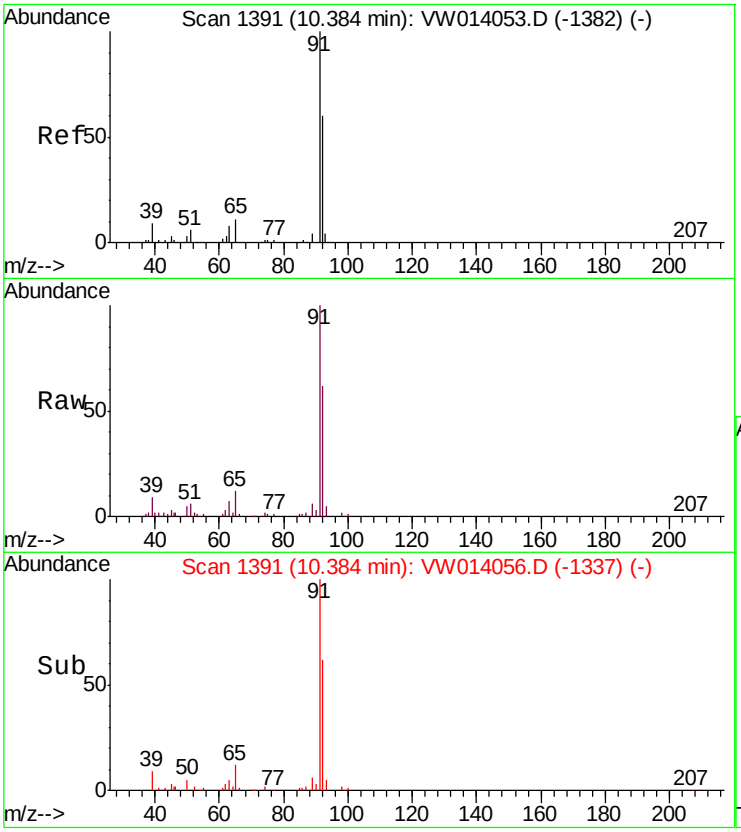


#42
cis-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Tgt Ion: 75 Resp: 4121

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.1	41.1#



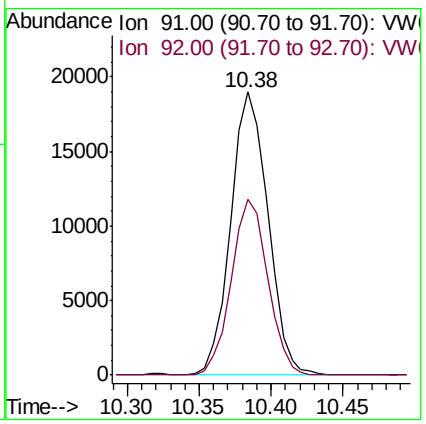


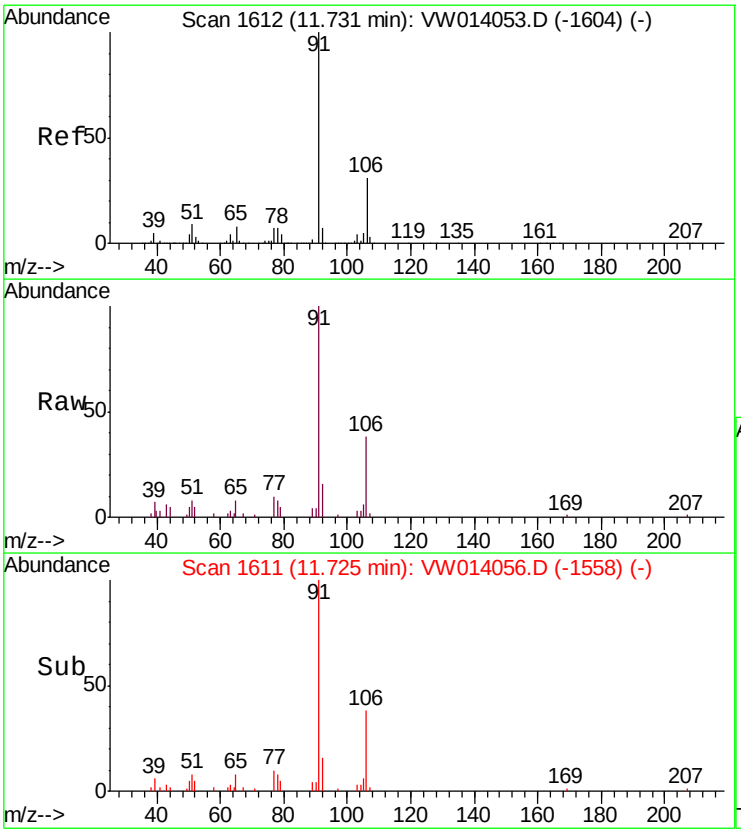
#44
Toluene
Concen: 1.435 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Instrument : MSVOA_W
ClientSampleId : GAQF3

Tgt Ion: 91 Resp: 34209

Ion	Ratio	Lower	Upper
91	100		
92	62.3	40.7	75.7

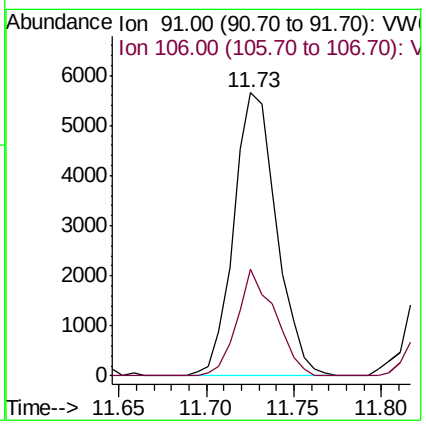


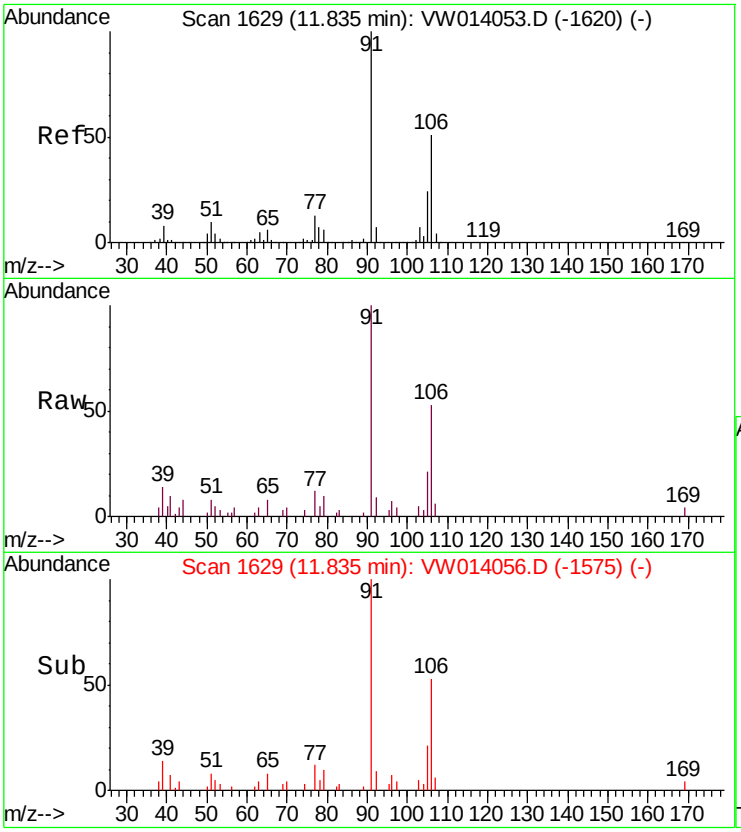


#53
Ethylbenzene
Concen: 0.367 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Tgt Ion: 91 Resp: 9603

Ion	Ratio	Lower	Upper
91	100		
106	37.5	22.3	41.5



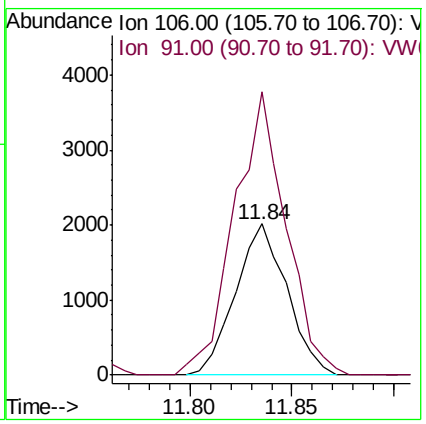


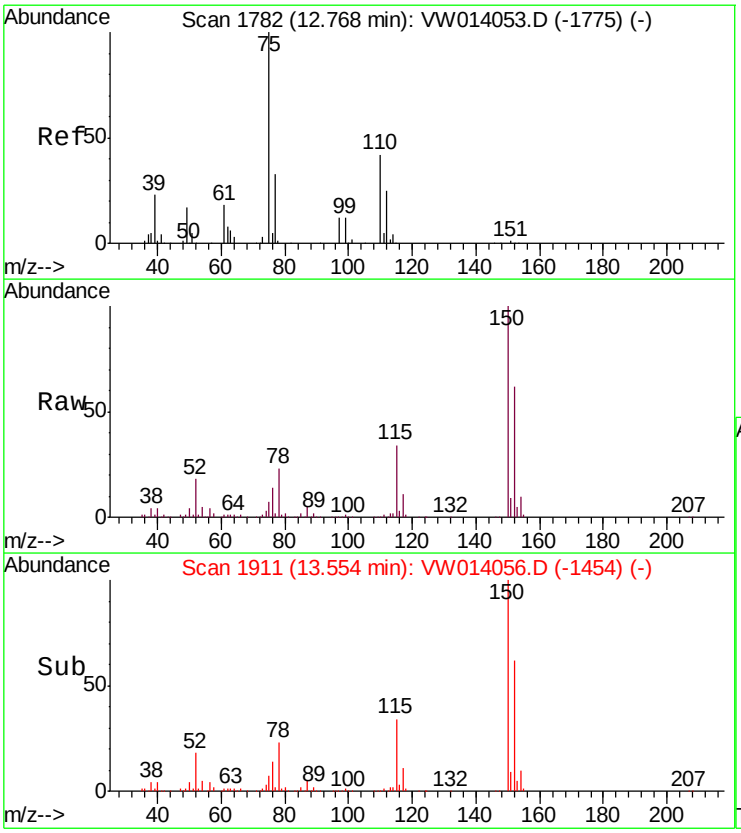
#54
m,p-Xylene
Concen: 0.348 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Instrument : MSVOA_W
ClientSampleId : GAQF3

Tgt Ion:106 Resp: 3537

Ion	Ratio	Lower	Upper
106	100		
91	187.3	138.7	257.5





#59
1,2,3-Trichloropropane
Concen: 3.464 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014056.D
Acq: 18 Nov 2019 12:08

Tgt Ion: 75 Resp: 11766

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.9	38.9