Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017901.D
Acq On : 15 Jan 2021 16:35
Operator : SY/VA
Sample : M1099-13
Misc : 6.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C09

Quant Time: Jan 18 03:07:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	289571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	99743	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	115270	25.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.92%			
7) Chloroethane-d5	2.89	69	97882	26.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.88%			
10) 1,1-Dichloroethene-d2	4.02	63	147717	18.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.68%			
20) 2-Butanone-d5	7.08	46	50906	70.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 140.20%#			
24) Chloroform-d	7.65	84	203551	26.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	8.31	65	119681	30.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.24%			
29) Benzene-d6	8.27	84	390584	27.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.08%			
33) 1,2-Dichloropropane-d6	9.27	67	116937	29.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.56%			
37) Toluene-d8	10.32	98	348994	25.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.40%			
38) trans-1,3-Dichloropropene-	10.58	79	44814	25.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.80%			
39) 2-Hexanone-d5	10.93	63	35316	71.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.78%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89906	30.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.84%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	91837	26.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.76%			
Target Compounds						Qvalue
13) Acetone	4.12	43	30514	48.662	ug/L	64
14) Carbon disulfide	4.39	76	16185	1.519	ug/L	100
16) Methylene chloride	4.92	84	13704	3.309	ug/L	97
21) 2-Butanone	7.18	43	8336	9.883	ug/L #	64
52) Chlorobenzene	11.66	112	15818	1.543	ug/L #	85
55) o-xylene	12.16	106	1774	0.259	ug/L	73
57) Isopropylbenzene	12.46	105	11260	0.593	ug/L #	96
63) 1,3-Dichlorobenzene	13.50	146	10260	1.667	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	5638	0.911	ug/L	93

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

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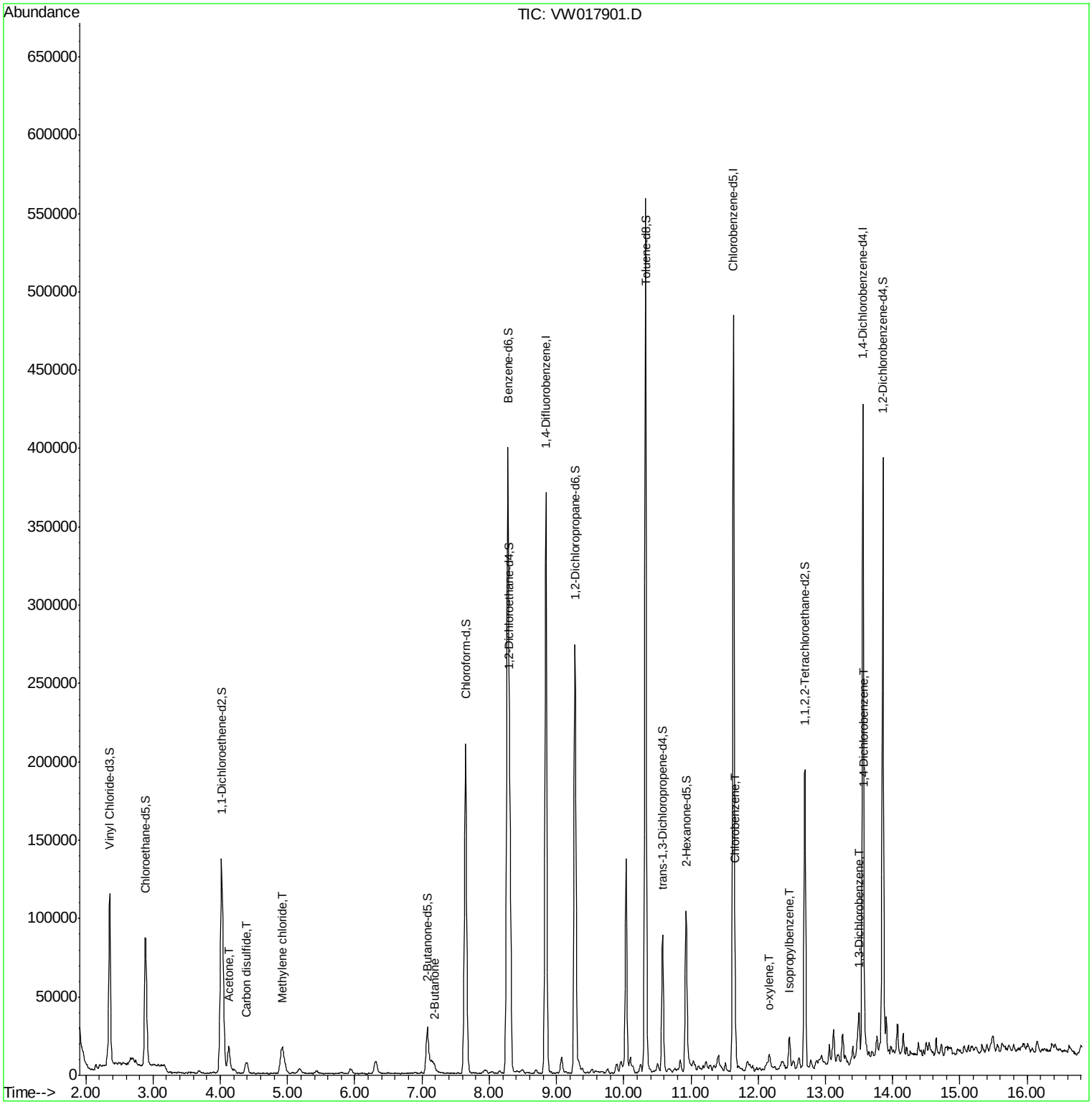
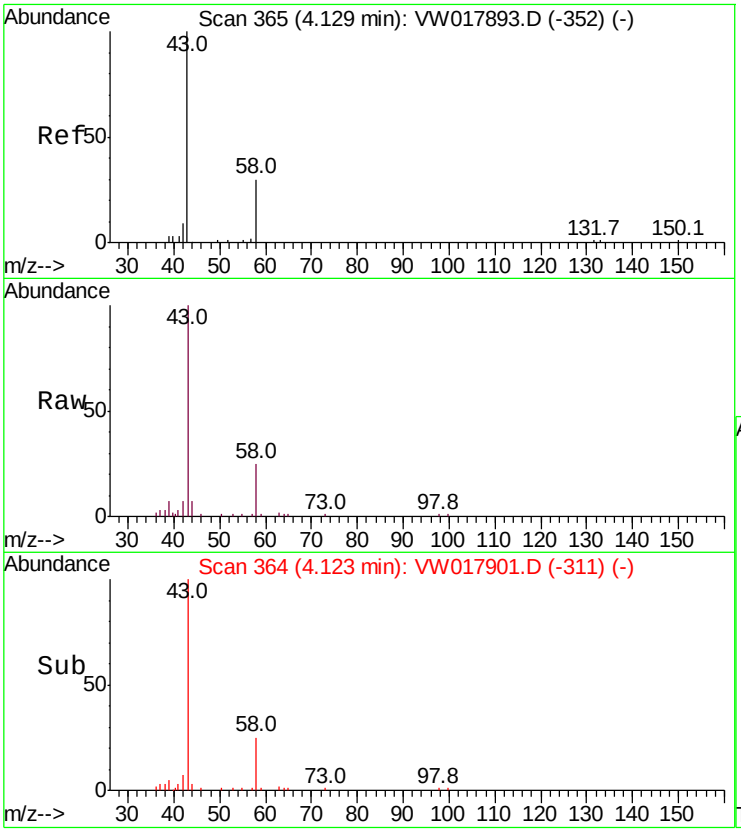
Quant Time: Jan 18 03:07:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration



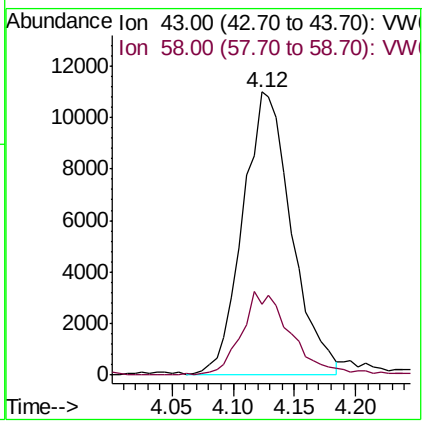


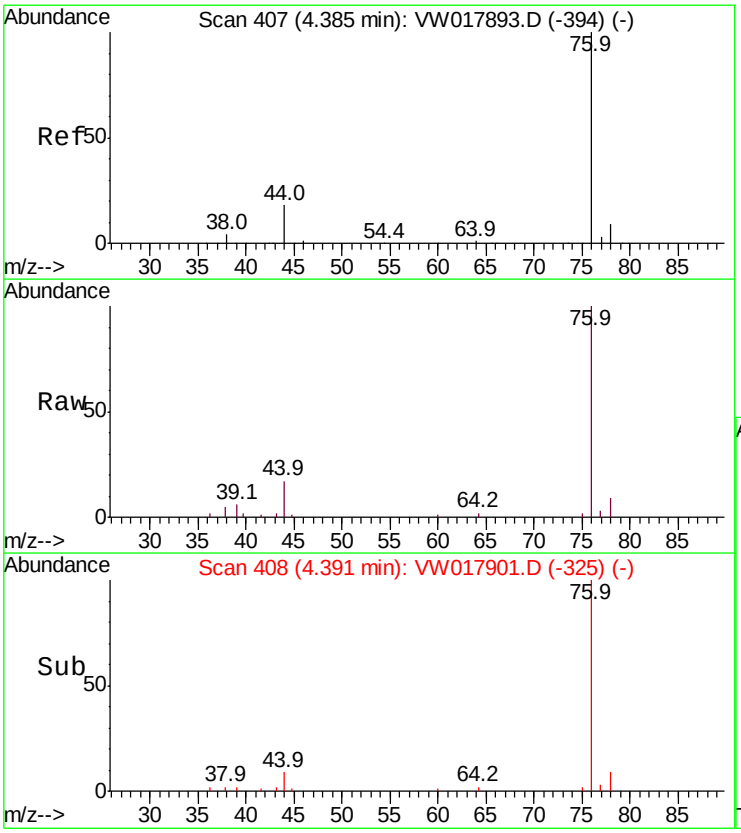
#13
Acetone
Concen: 48.662 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Instrument : MSVOA_W
ClientSampleId : F1C09

Tgt Ion: 43 Resp: 30514

Ion	Ratio	Lower	Upper
43	100		
58	13.4	0.0	68.4

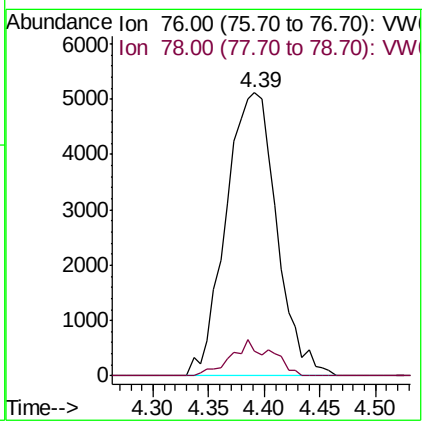


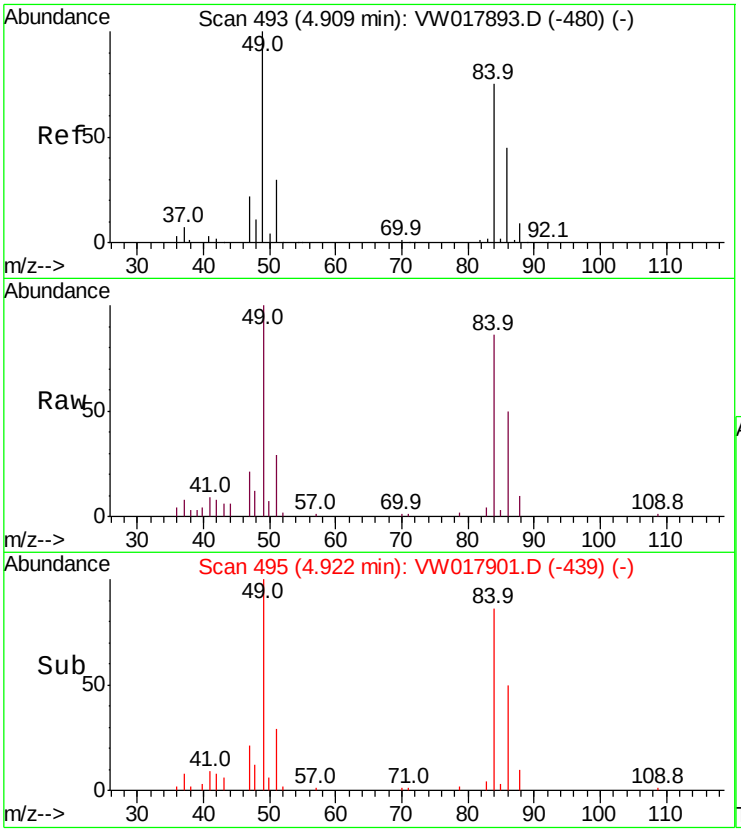


#14
Carbon disulfide
Concen: 1.519 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Tgt Ion: 76 Resp: 16185

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.4



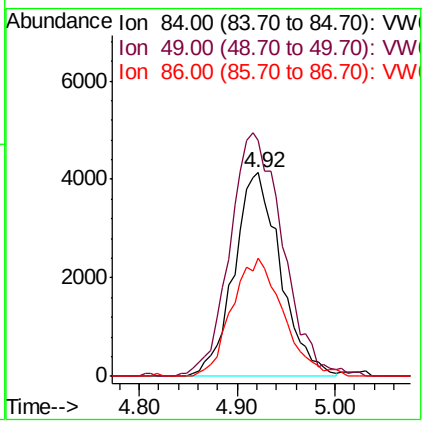


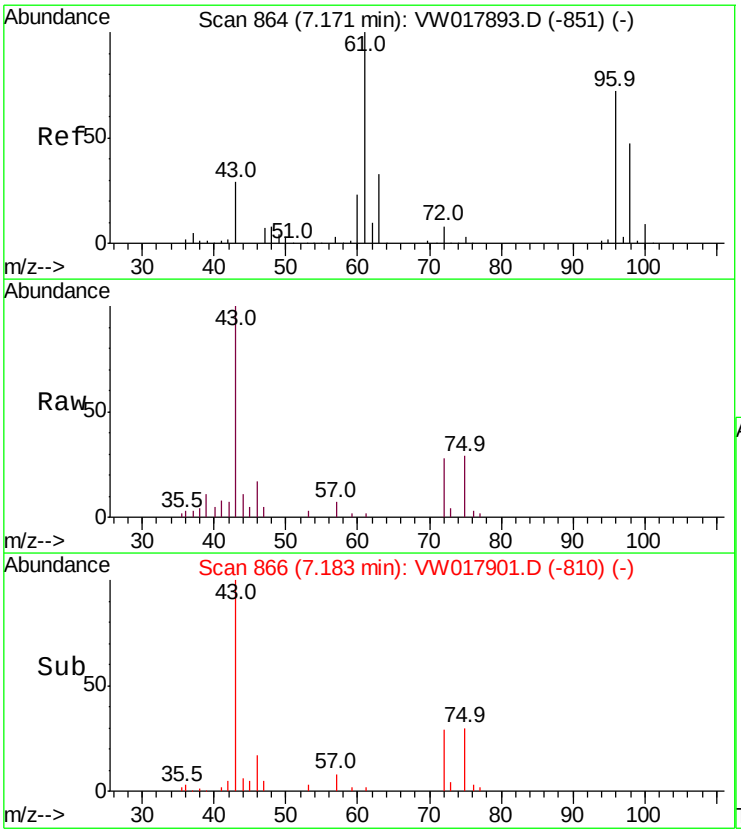
#16
Methylene chloride
Concen: 3.309 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Instrument : MSVOA_W
ClientSampleId : F1C09

Tgt Ion: 84 Resp: 13704

Ion	Ratio	Lower	Upper
84	100		
49	116.3	81.2	150.8
86	58.0	44.5	82.7

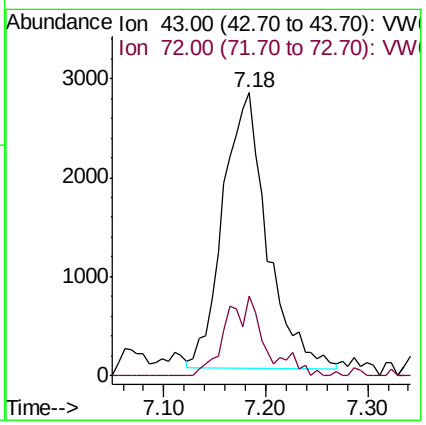


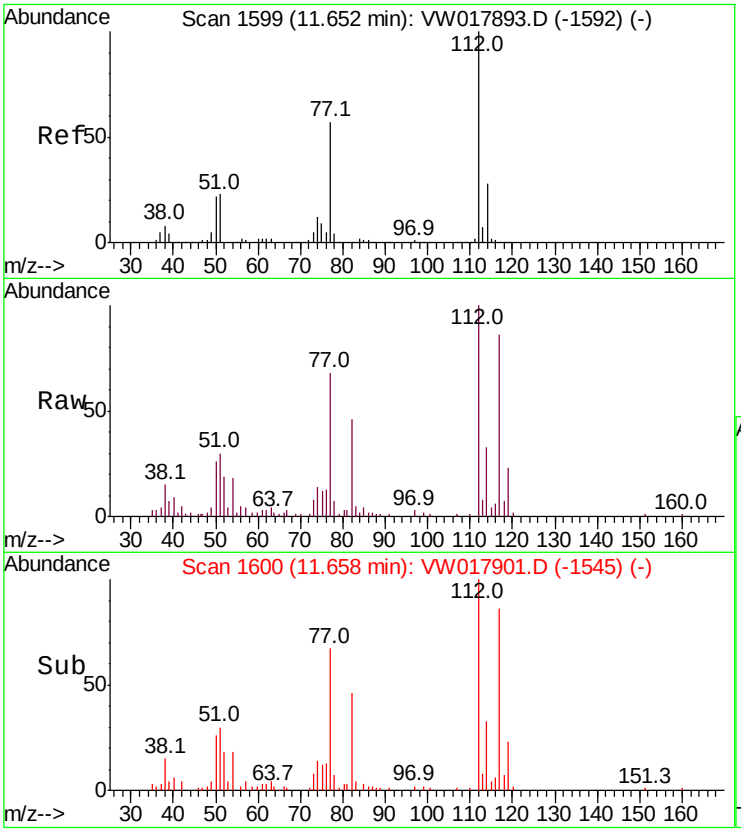


#21
2-Butanone
Concen: 9.883 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Tgt Ion: 43 Resp: 8336

Ion	Ratio	Lower	Upper
43	100		
72	9.6	14.4	43.2#



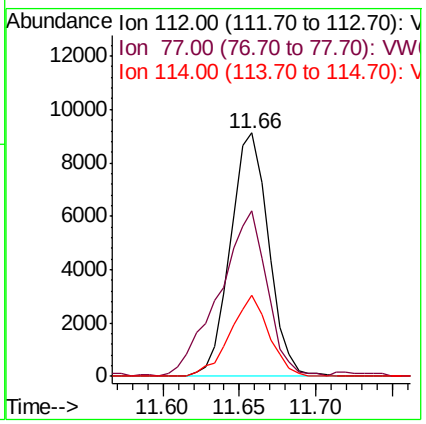


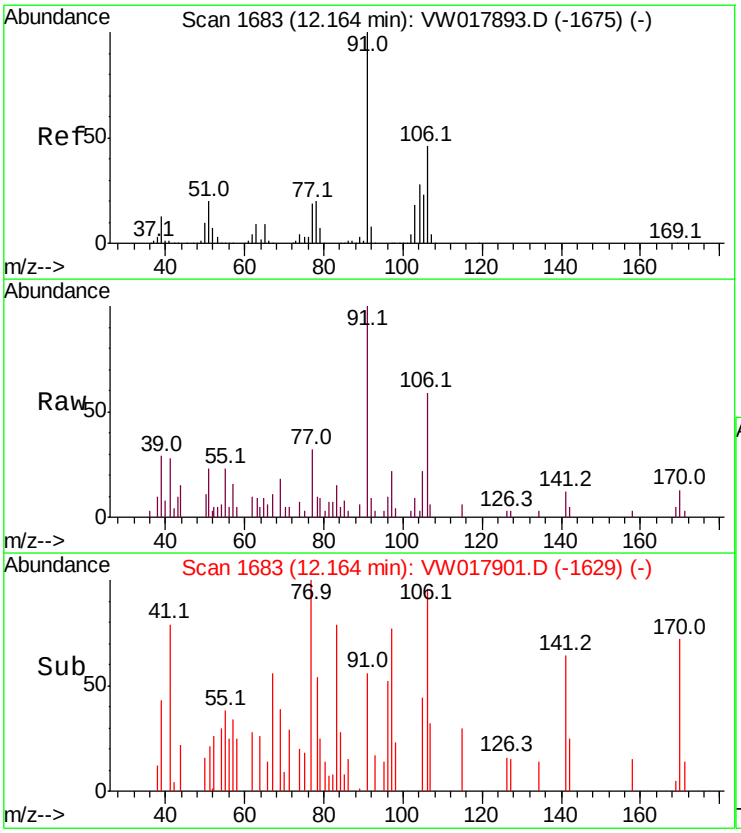
#52
Chlorobenzene
Concen: 1.543 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Instrument :
MSVOA_W
ClientSampleId :
F1C09

Tgt Ion:112 Resp: 15818

Ion	Ratio	Lower	Upper
112	100		
77	67.8	42.6	64.0#
114	33.4	21.6	40.2

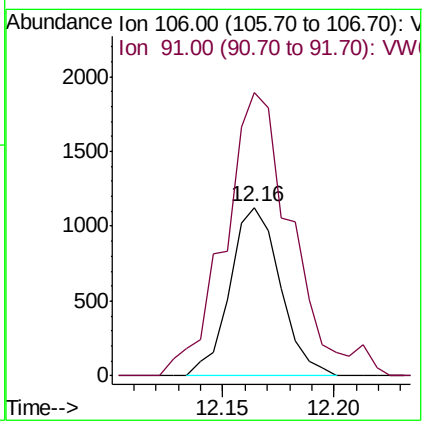


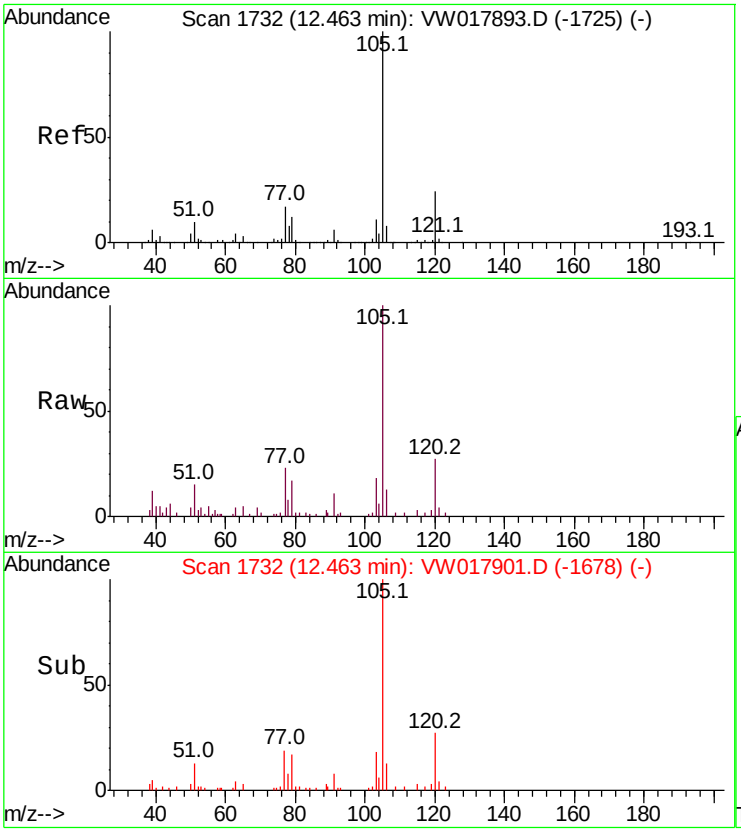


#55
o-xylene
Concen: 0.259 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Tgt Ion:106 Resp: 1774

Ion	Ratio	Lower	Upper
106	100		
91	168.3	147.6	274.2



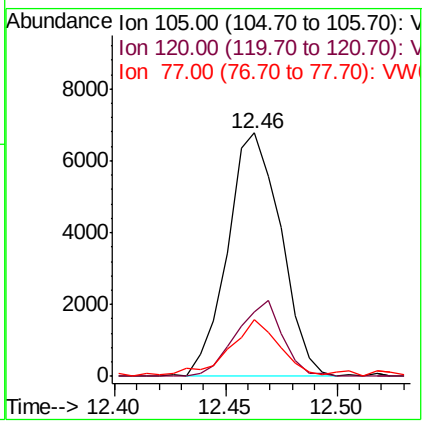


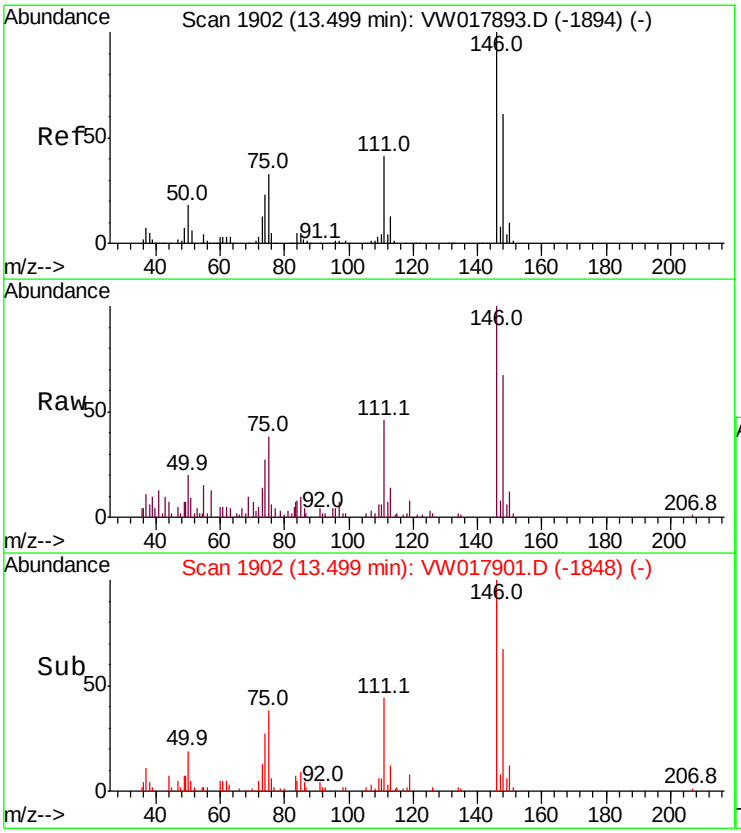
#57
Isopropylbenzene
Concen: 0.593 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Instrument : MSVOA_W
ClientSampleId : F1C09

Tgt Ion:105 Resp: 11260

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.2
77	18.9	12.1	18.1#

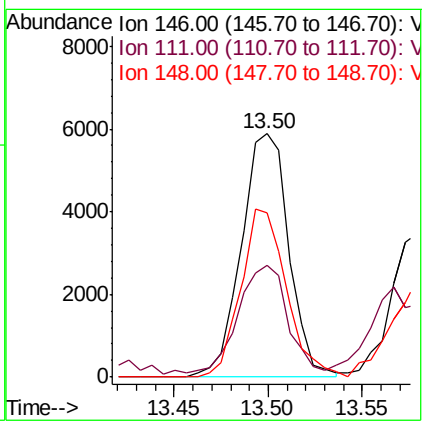


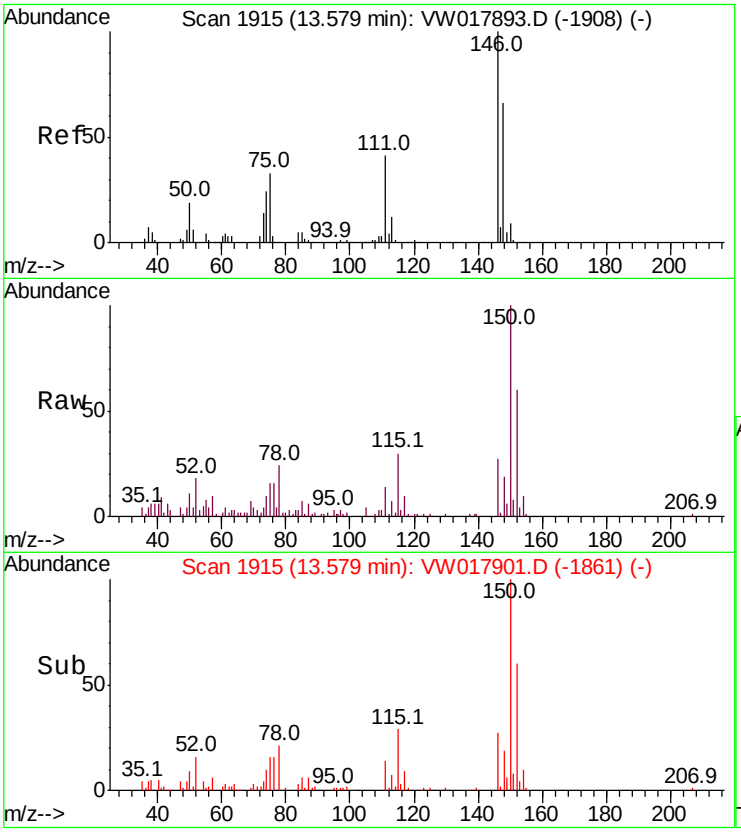


#63
1,3-Dichlorobenzene
Concen: 1.667 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Tgt Ion:146 Resp: 10260

Ion	Ratio	Lower	Upper
146	100		
111	46.1	28.5	52.9
148	67.4	47.8	88.8





#64
1,4-Dichlorobenzene
Concen: 0.911 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW017901.D
Acq: 15 Jan 2021 16:35

Instrument :
MSVOA_W
ClientSampleId :
F1C09

Tgt Ion:146 Resp: 5638

Ion	Ratio	Lower	Upper
146	100		
111	50.6	27.7	51.5
148	67.6	47.0	87.2