Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
Data File : VW005799.D
Acq On : 03 Oct 2018 02:27
Operator : SY/AP
Sample : J5182-12
Misc : 4.36G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC61

Quant Time: Oct 03 08:13:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	49010	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	50472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22122	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	6924	11.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 44.32%			
7) Chloroethane-d5	2.90	69	7738	15.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.48%			
10) 1,1-Dichloroethene-d2	4.01	63	11662	8.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 34.20%#			
20) 2-Butanone-d5	7.09	46	5401	26.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.86%			
24) Chloroform-d	7.65	84	32466	25.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.16%			
26) 1,2-Dichloroethane-d4	8.31	65	26514	34.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 139.08%#			
29) Benzene-d6	8.28	84	44695	17.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 71.56%			
33) 1,2-Dichloropropane-d6	9.28	67	20118	27.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.44%			
37) Toluene-d8	10.33	98	37837	15.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 61.36%			
38) trans-1,3-Dichloropropene-	10.58	79	5515	14.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 58.16%			
39) 2-Hexanone-d5	10.93	63	2411	14.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 28.52%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	23021	32.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.28%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	17518	22.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.52%			
Target Compounds						Qvalue
13) Acetone	4.12	43	718269	3438.793	ug/L	70
15) Methyl Acetate	4.67	43	3965	10.697	ug/L #	81
16) Methylene chloride	4.92	84	4527	5.602	ug/L	96
21) 2-Butanone	7.14	43	667	2.666	ug/L #	49
35) Trichloroethene	8.85	95	1523	1.996	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	2318	3.335	ug/L #	87
46) 1,1,2-Trichloroethane	10.76	97	852	1.469	ug/L #	16
53) Ethylbenzene	11.74	91	1967	0.539	ug/L	92
54) m,p-Xylene	11.84	106	4276	3.110	ug/L	96
55) o-xylene	12.16	106	2771	2.139	ug/L	79
57) Isopropylbenzene	12.47	105	1587	0.429	ug/L #	78

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

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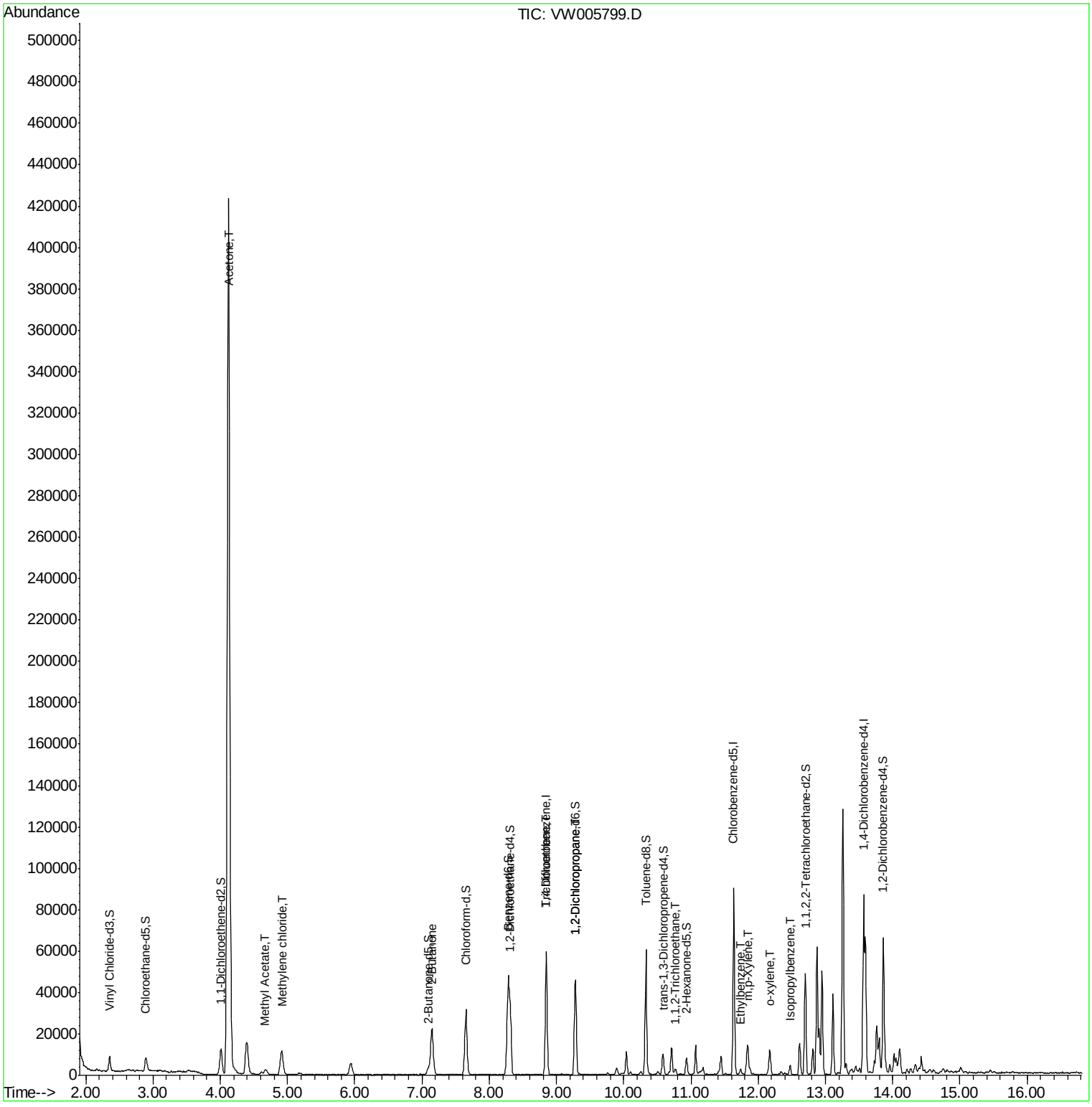
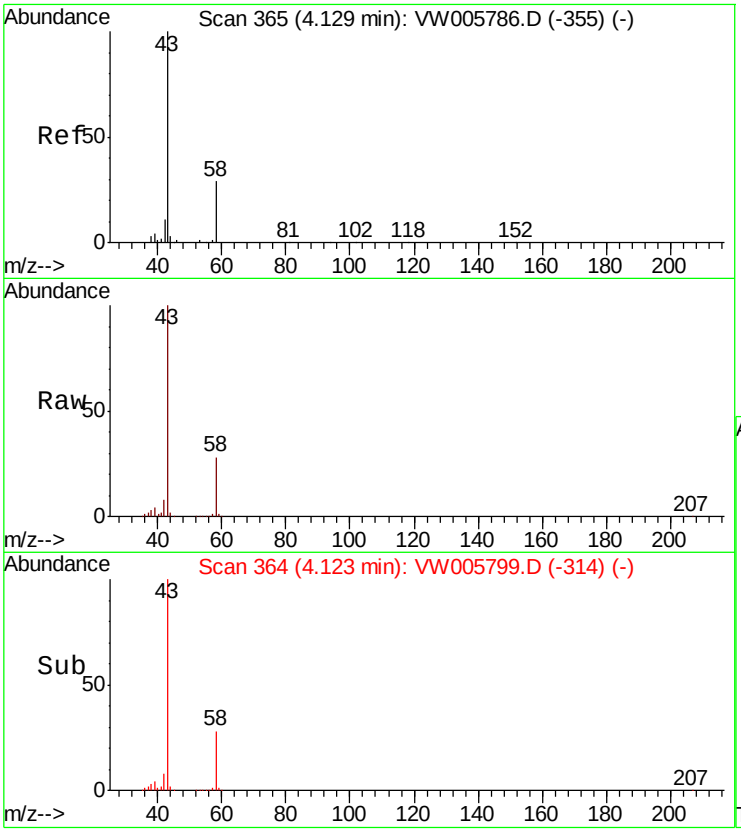
Quant Time: Oct 03 08:13:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration



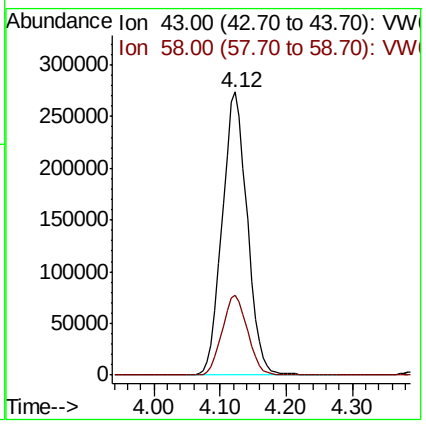


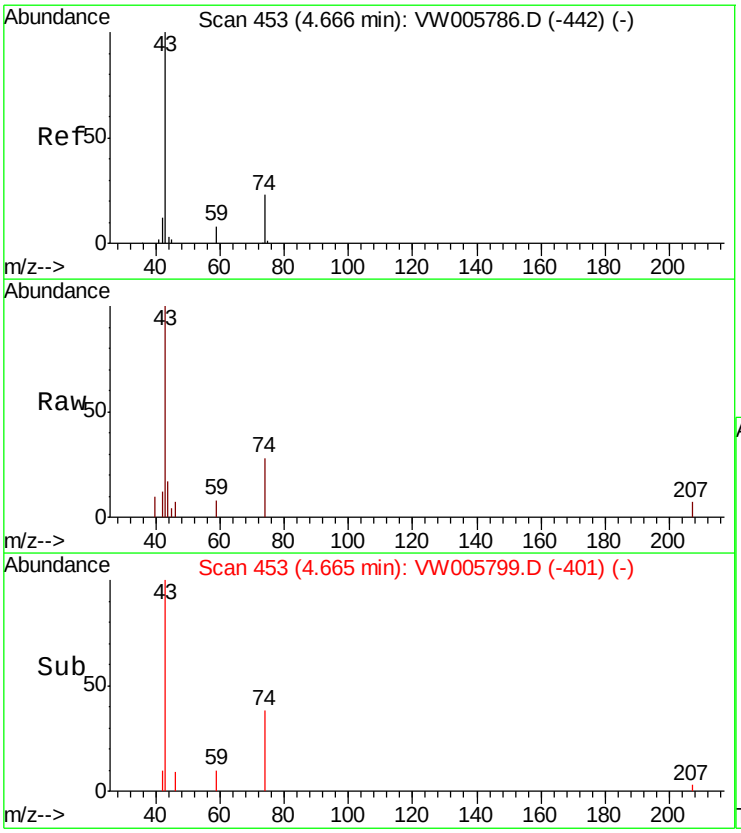
#13
Acetone
Concen: 3438.793 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument : MSVOA_W
ClientSampleId : JLC61

Tgt Ion: 43 Resp: 718269

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	31.8

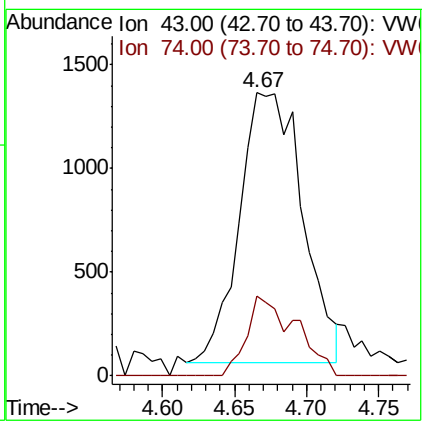


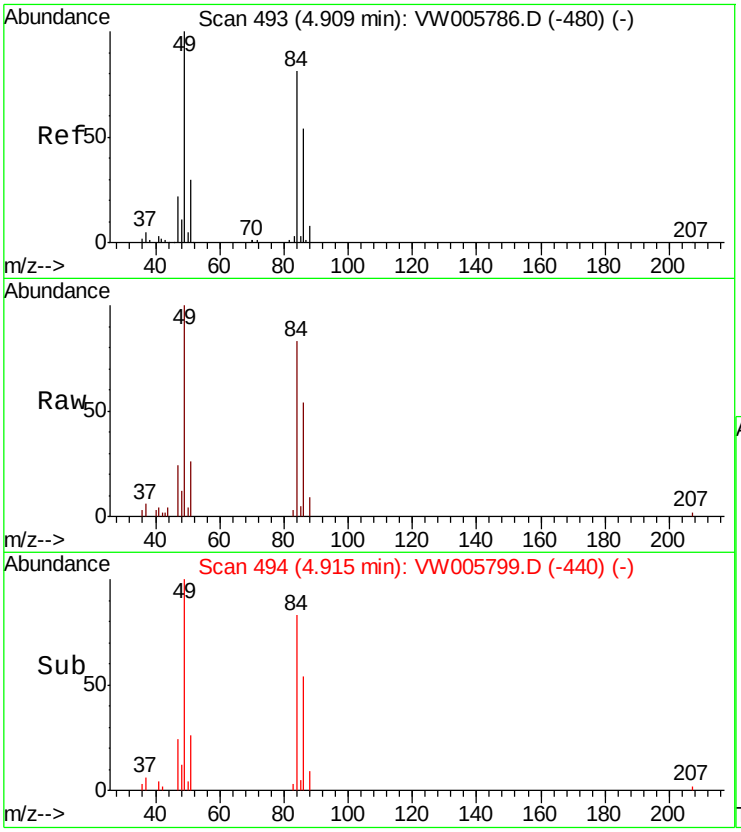


#15
Methyl Acetate
Concen: 10.697 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion: 43 Resp: 3965

Ion	Ratio	Lower	Upper
43	100		
74	15.2	19.5	29.3#



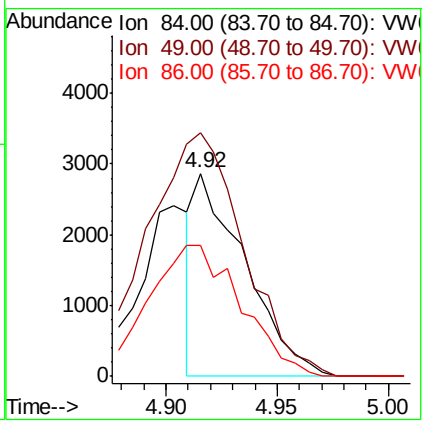


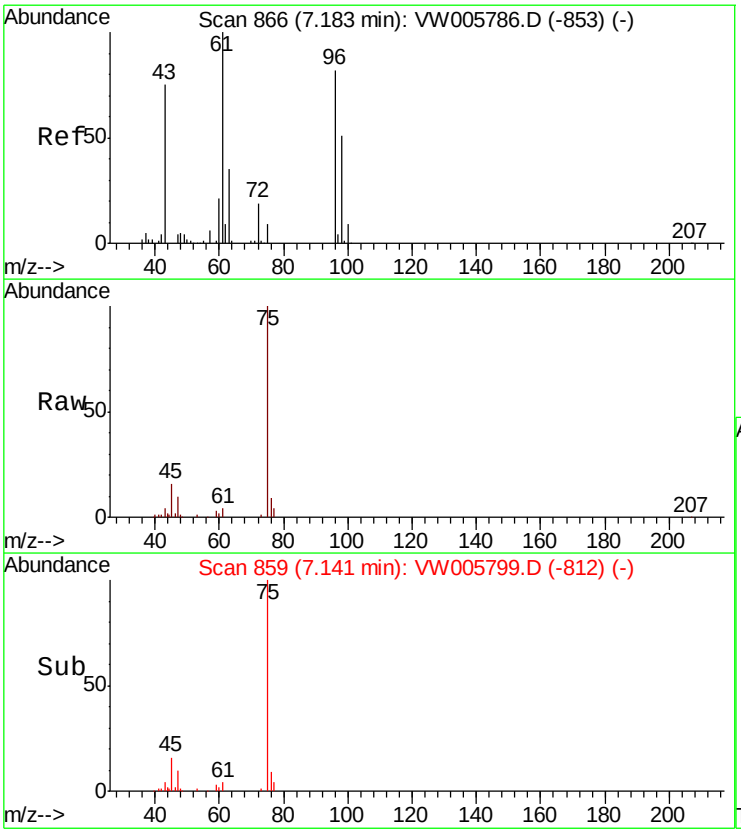
#16
Methylene chloride
Concen: 5.602 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument : MSVOA_W
ClientSampleId : JLC61

Tgt Ion: 84 Resp: 4527

Ion	Ratio	Lower	Upper
84	100		
49	119.9	87.2	162.0
86	64.2	43.2	80.2

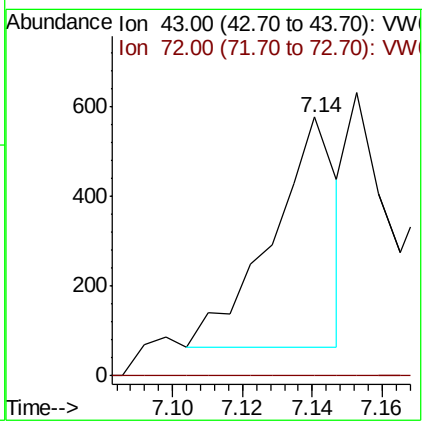


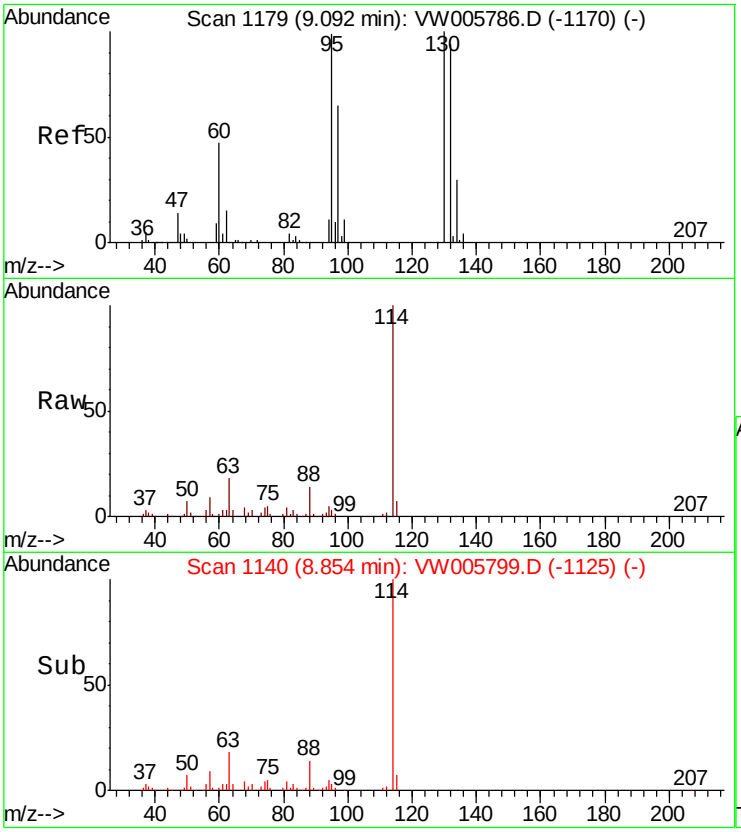


#21
2-Butanone
Concen: 2.666 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion: 43 Resp: 667

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.2	39.6#



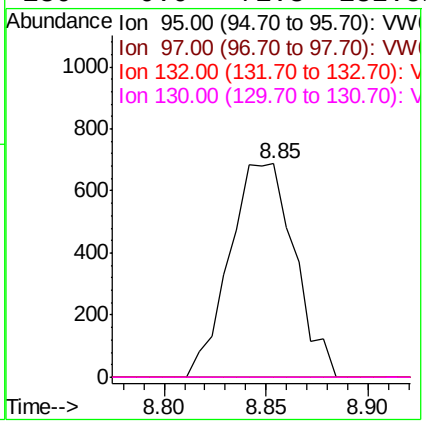


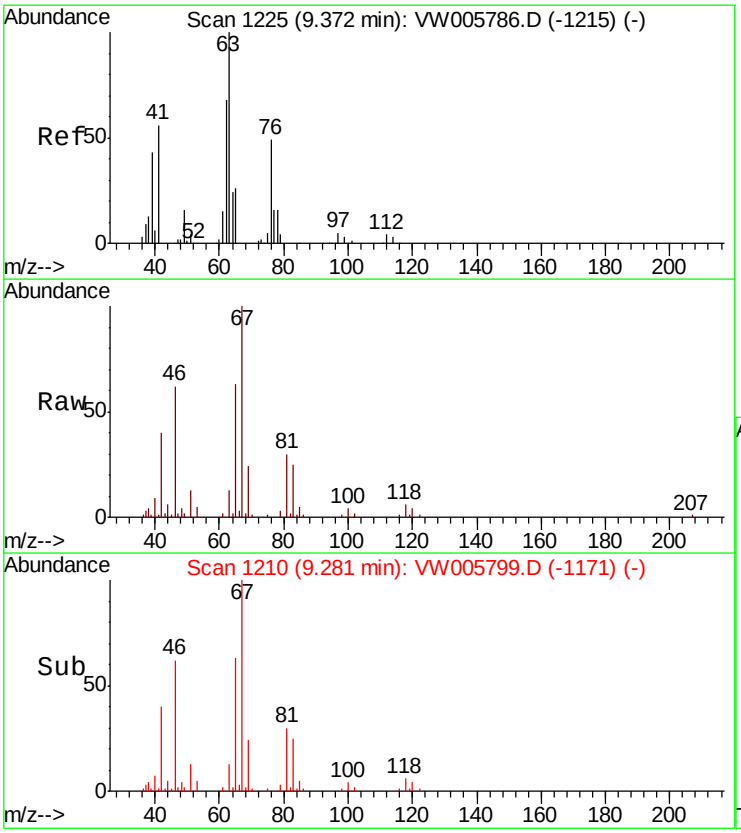
#35
Trichloroethene
Concen: 1.996 ug/L
RT: 8.85 min Scan# 1140
Delta R.T. -0.24 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument : MSVOA_W
ClientSampleId : JLC61

Tgt Ion: 95 Resp: 1523

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.0	68.0	126.4#
130	0.0	71.3	132.5#

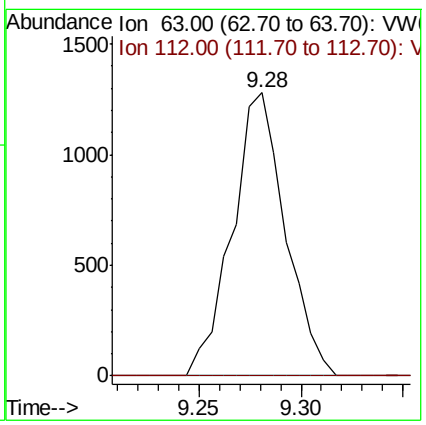


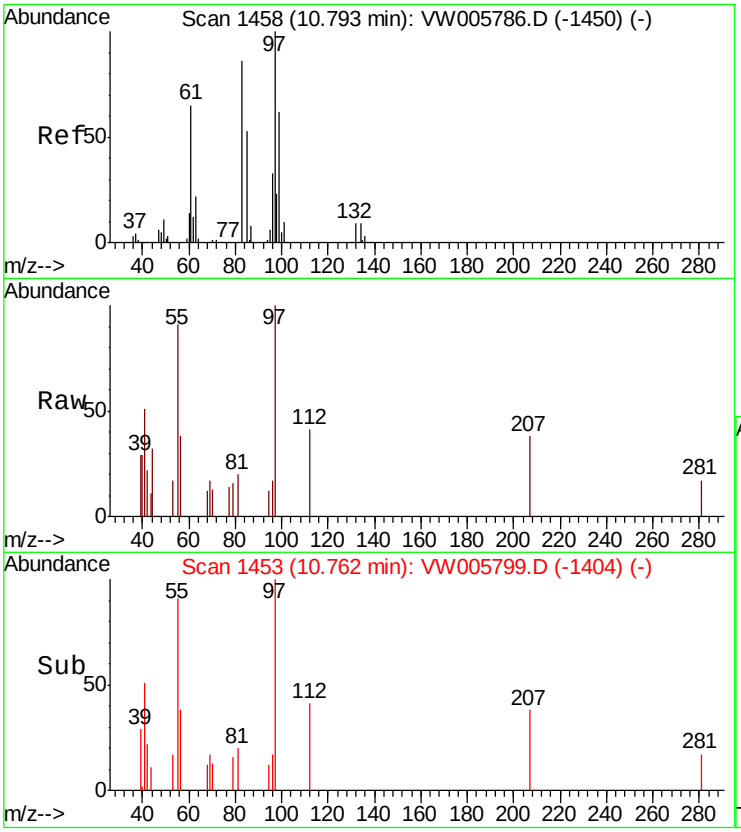


#40
1,2-Dichloropropane
Concen: 3.335 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion: 63 Resp: 2318

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



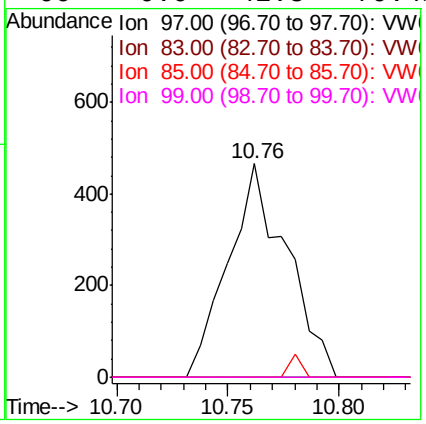


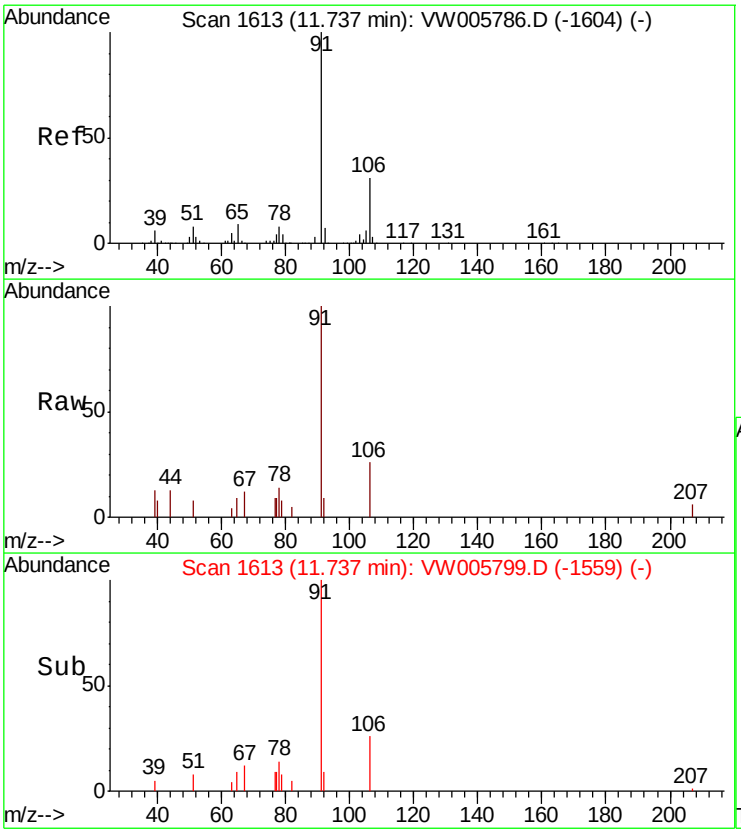
#46
1,1,2-Trichloroethane
Concen: 1.469 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.03 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument : MSVOA_W
ClientSampleId : JLC61

Tgt Ion: 97 Resp: 852

Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.3	108.3#
85	0.0	38.0	70.6#
99	0.0	42.8	79.4#

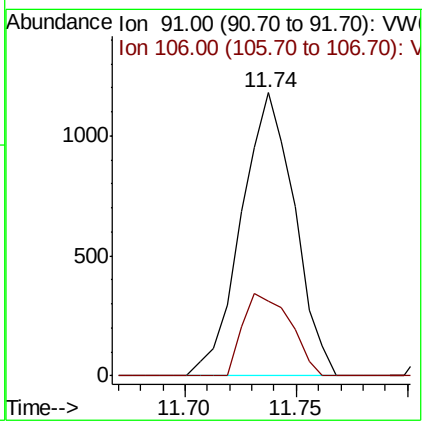


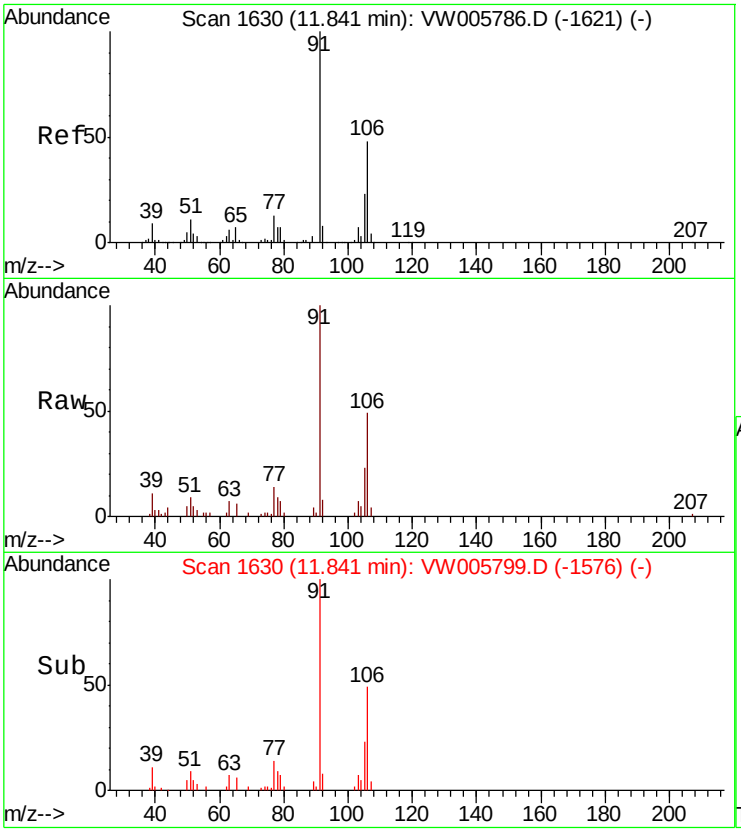


#53
Ethylbenzene
Concen: 0.539 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion: 91 Resp: 1967

Ion	Ratio	Lower	Upper
91	100		
106	26.5	21.5	39.9



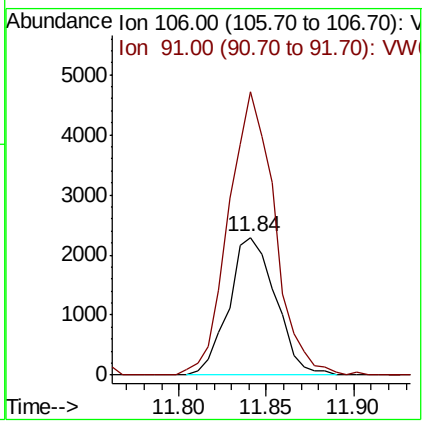


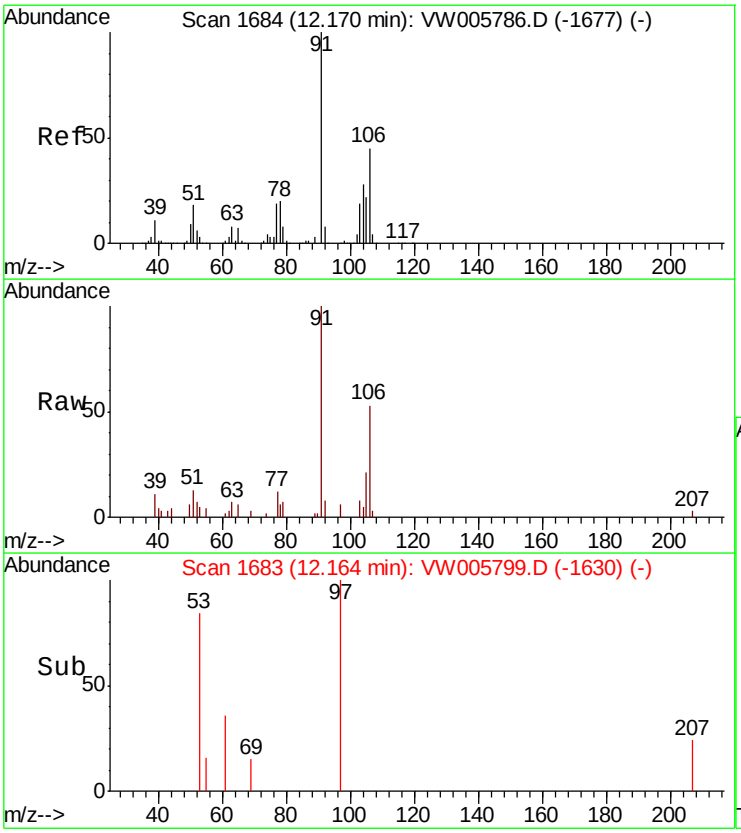
#54
m,p-Xylene
Concen: 3.110 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument : MSVOA_W
ClientSampleId : JLC61

Tgt Ion:106 Resp: 4276

Ion	Ratio	Lower	Upper
106	100		
91	205.4	147.7	274.3

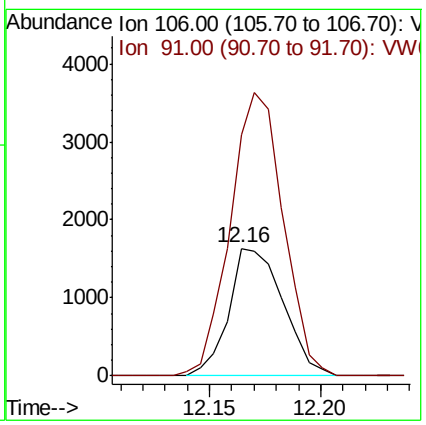


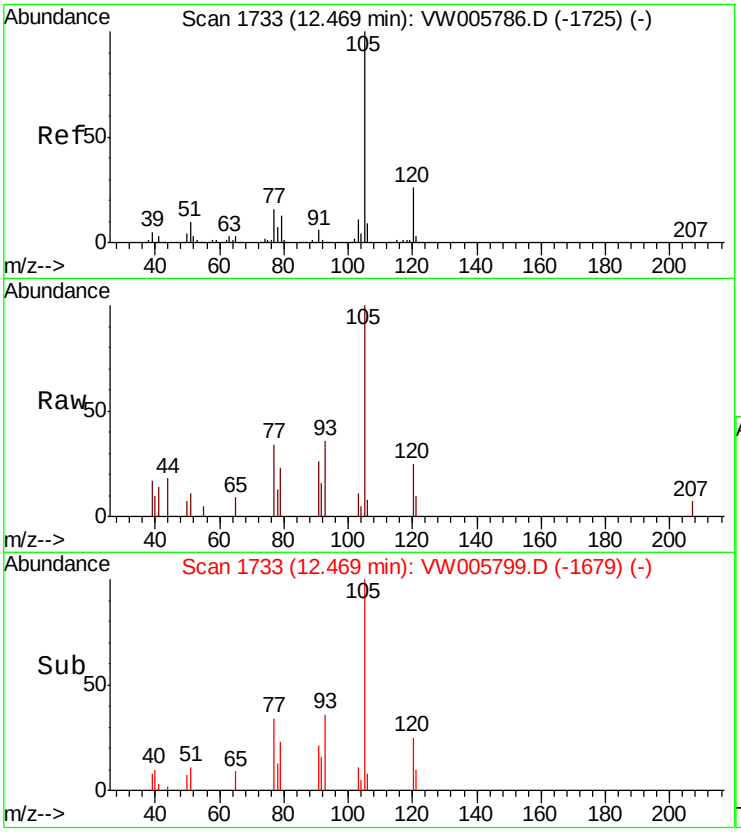


#55
o-xylene
Concen: 2.139 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion:106 Resp: 2771

Ion	Ratio	Lower	Upper
106	100		
91	188.9	156.5	290.7





#57
Isopropylbenzene
Concen: 0.429 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument :
MSVOA_W
ClientSampleId :
JLC61

Tgt Ion:105 Resp: 1587

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	40.1	13.0	19.6#