Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\

Quantitation Report (Not Reviewed)

Data File : VW011284.D
Acq On : 16 Jul 2019 14:24
Operator : SY/VA
Sample : K3798-09
Misc : 3.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H6

Quant Time: Jul 17 07:24:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	301757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79247	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	73569	15.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.88%			
7) Chloroethane-d5	2.89	69	62821	19.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.72%			
10) 1,1-Dichloroethene-d2	4.01	63	139063	14.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.00%			
20) 2-Butanone-d5	7.07	46	104436	57.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.08%			
24) Chloroform-d	7.65	84	187884	22.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.88%			
26) 1,2-Dichloroethane-d4	8.30	65	122611	24.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.28%			
29) Benzene-d6	8.27	84	371341	25.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.16%			
33) 1,2-Dichloropropane-d6	9.27	67	129807	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.60%			
37) Toluene-d8	10.32	98	303644	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.84%			
38) trans-1,3-Dichloropropene-	10.58	79	48296	23.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.00%			
39) 2-Hexanone-d5	10.92	63	68452	62.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103417	26.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.60%			
61) 1,2-Dichlorobenzene-d4	13.85	152	68311	22.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.84%			
Target Compounds						Qvalue
13) Acetone	4.12	43	113581	64.067	ug/L	100
14) Carbon disulfide	4.38	76	21306	1.878	ug/L	97
15) Methyl Acetate	4.67	43	32789	11.366	ug/L	100
21) 2-Butanone	7.17	43	23826	10.411	ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	3373	0.560	ug/L #	72
44) Toluene	10.38	91	32017	2.077	ug/L	99
49) 2-Hexanone	10.92	43	9085	3.298	ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	11216	3.884	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\

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Instrument : MSVOA_W
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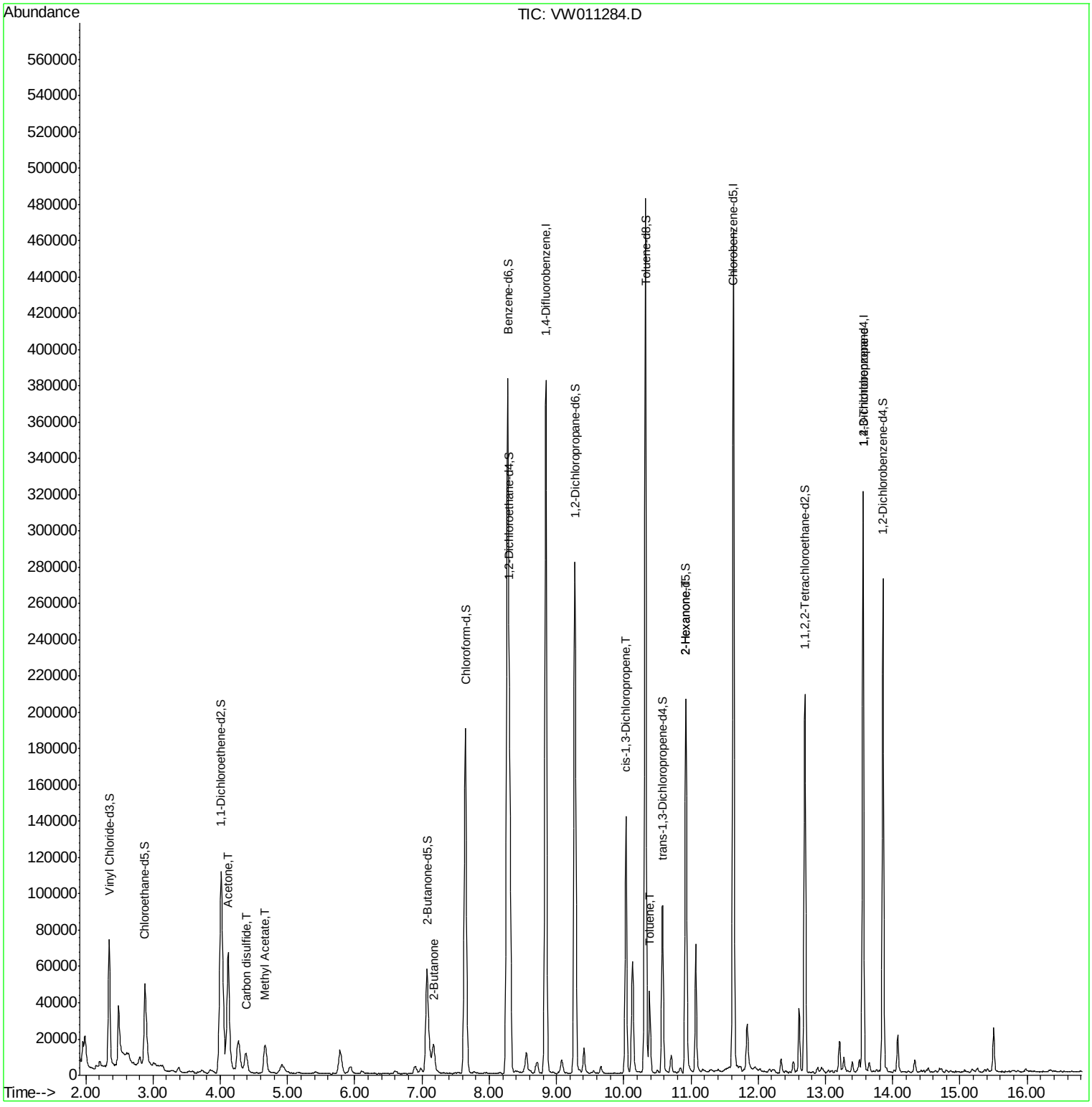
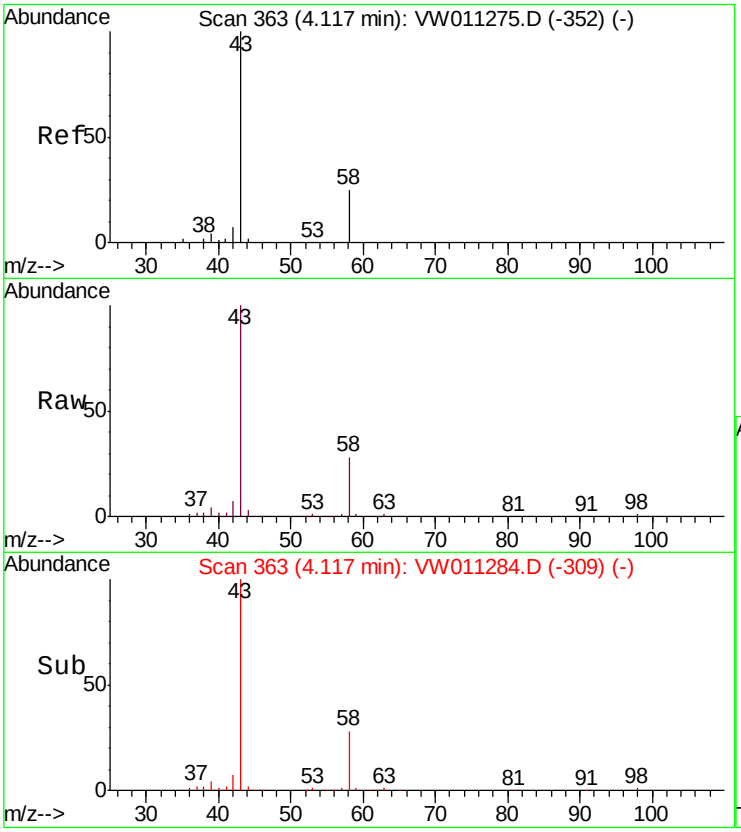
Quant Time: Jul 17 07:24:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration



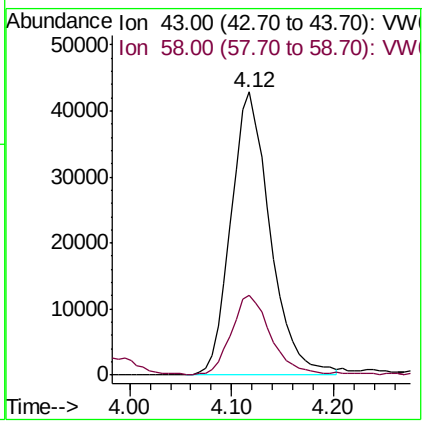


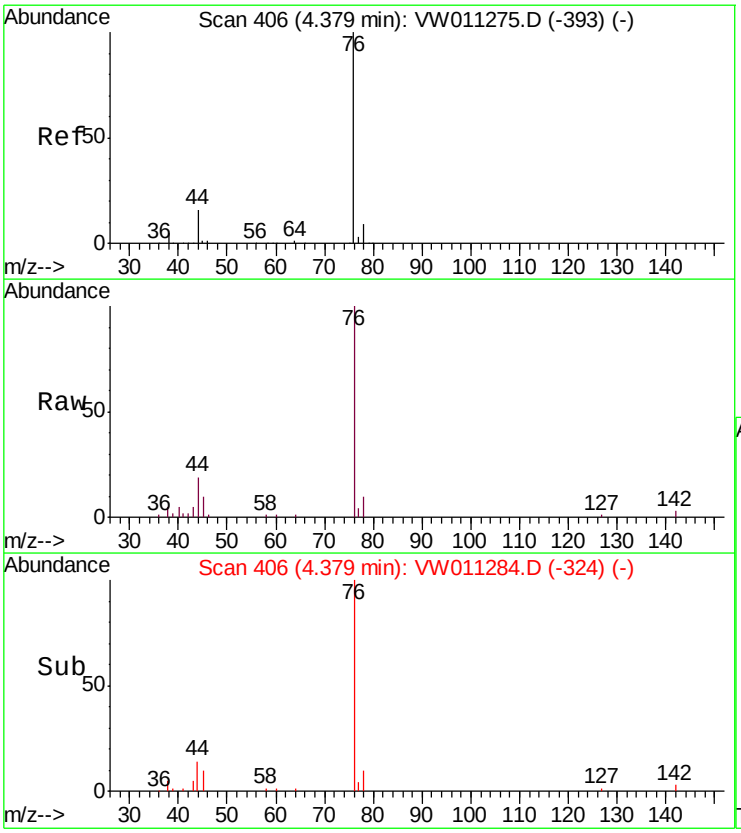
#13
Acetone
Concen: 64.067 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Instrument : MSVOA_W
ClientSampleId : A52H6

Tgt Ion: 43 Resp: 113581

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	55.0

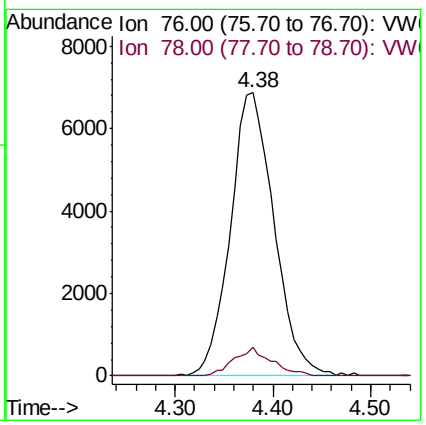


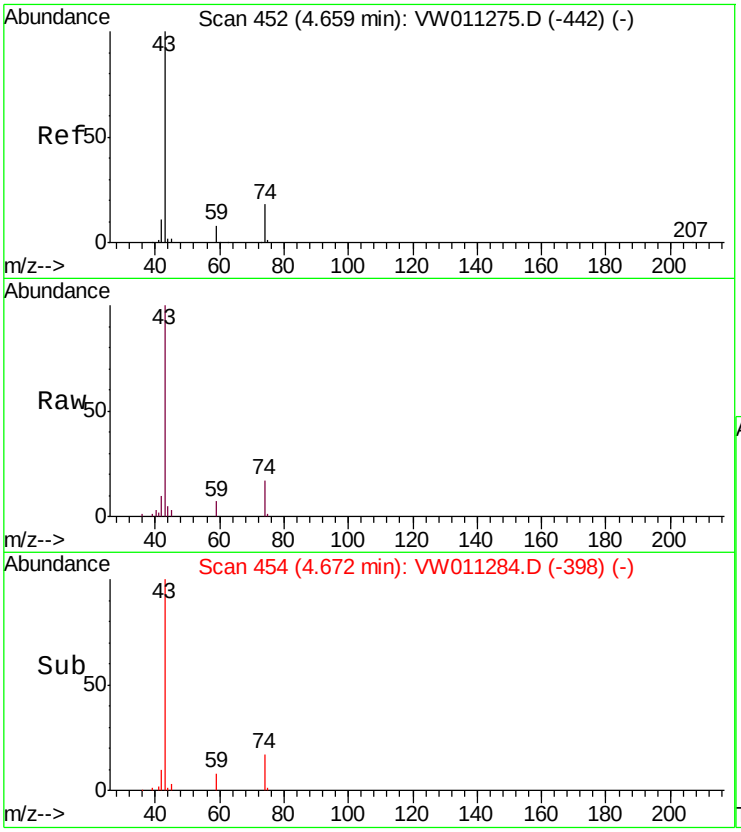


#14
Carbon disulfide
Concen: 1.878 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Tgt Ion: 76 Resp: 21306

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9



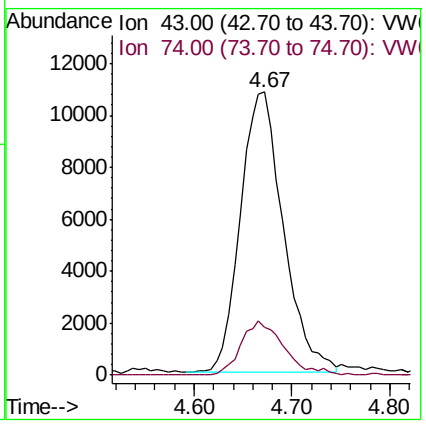


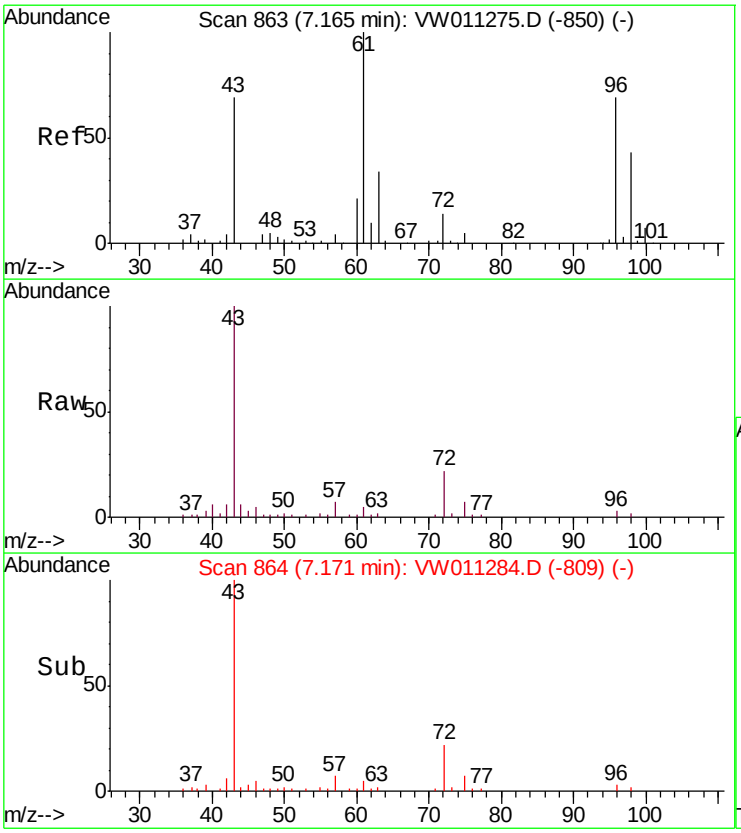
#15
Methyl Acetate
Concen: 11.366 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Instrument :
MSVOA_W
ClientSampleId :
A52H6

Tgt Ion: 43 Resp: 32789

Ion	Ratio	Lower	Upper
43	100		
74	18.8	15.1	22.7

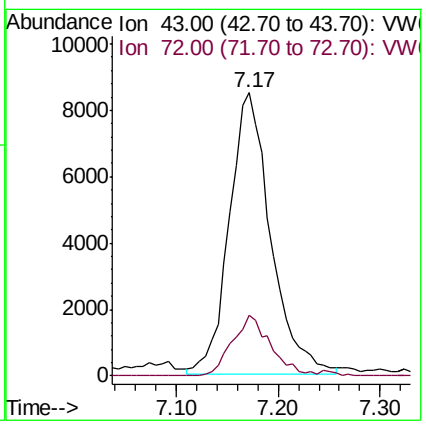


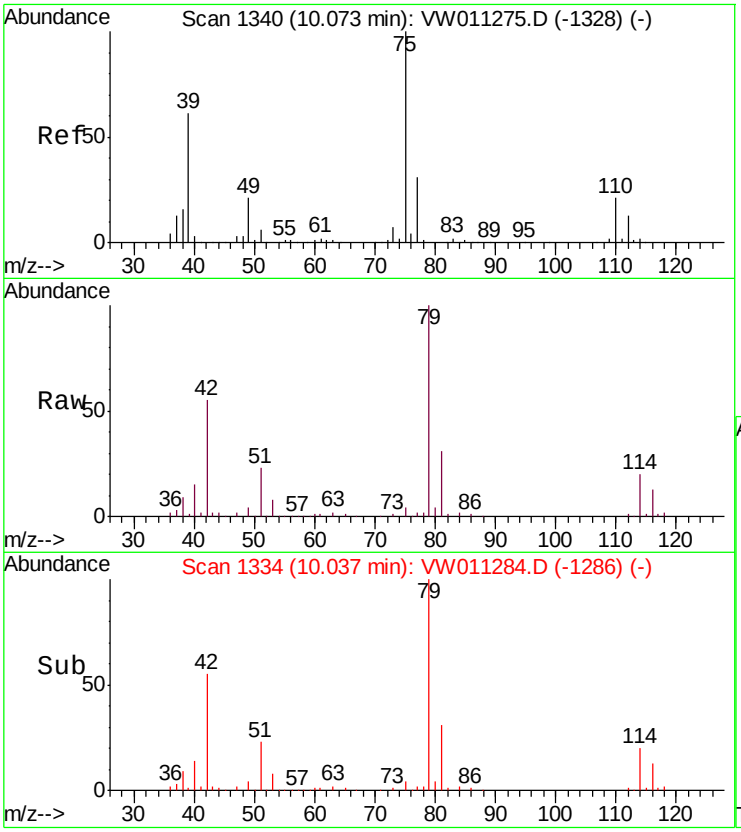


#21
2-Butanone
Concen: 10.411 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Tgt Ion: 43 Resp: 23826

Ion	Ratio	Lower	Upper
43	100		
72	19.8	11.2	33.6



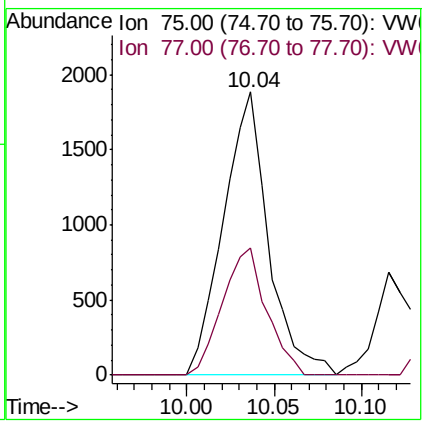


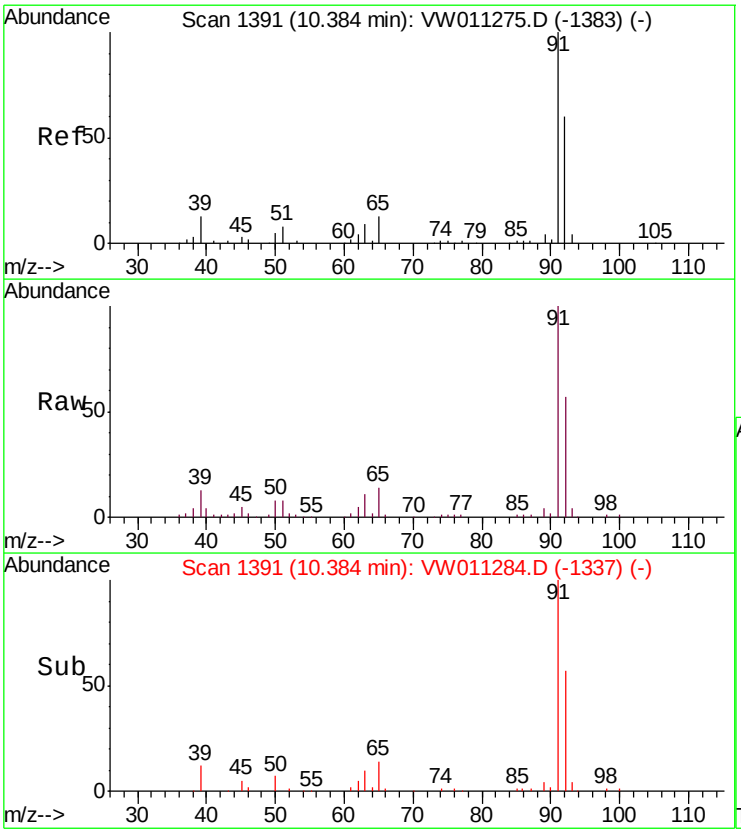
#42
cis-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Instrument : MSVOA_W
ClientSampleId : A52H6

Tgt Ion: 75 Resp: 3373

Ion	Ratio	Lower	Upper
75	100		
77	45.1	21.1	39.1#

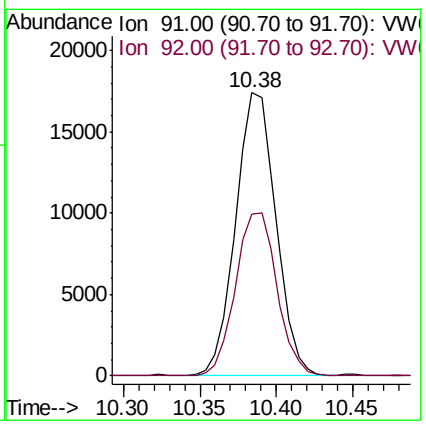


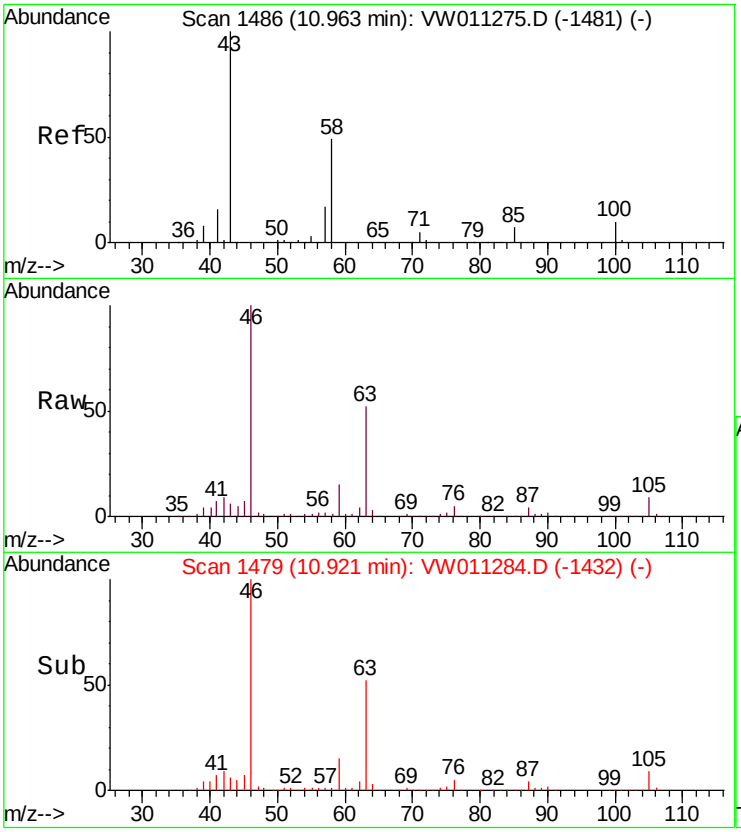


#44
Toluene
Concen: 2.077 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Tgt Ion: 91 Resp: 32017

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.8	75.8



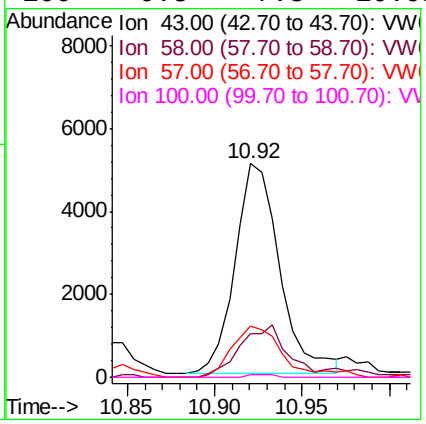


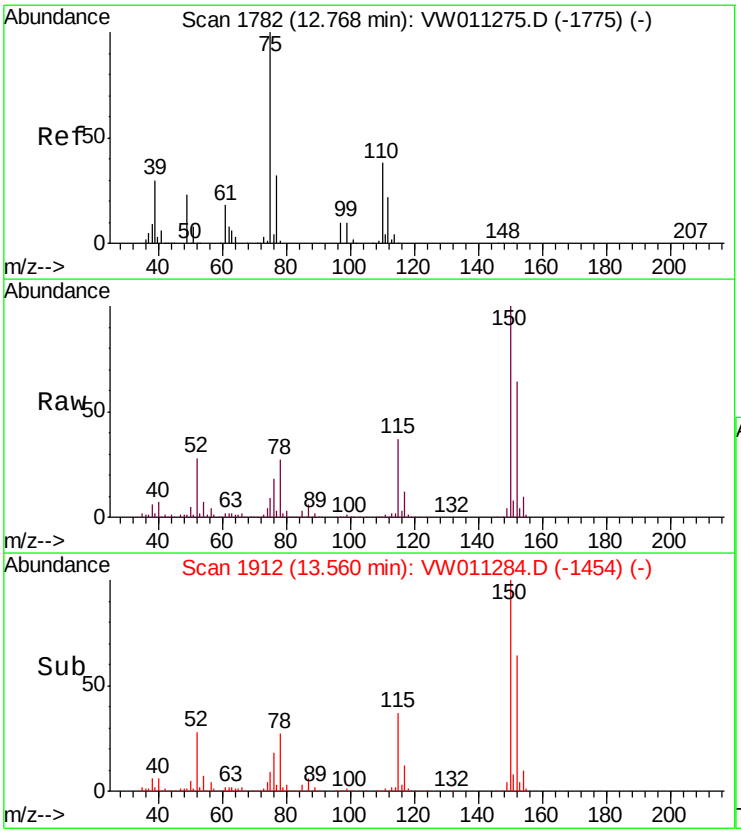
#49
2-Hexanone
Concen: 3.298 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Instrument : MSVOA_W
ClientSampleId : A52H6

Tgt Ion: 43 Resp: 9085

Ion	Ratio	Lower	Upper
43	100		
58	25.7	38.4	57.6#
57	26.9	13.3	19.9#
100	0.8	7.3	10.9#





#59
1,2,3-Trichloropropane
Concen: 3.884 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW011284.D
Acq: 16 Jul 2019 14:24

Tgt Ion: 75 Resp: 11216

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.4	38.0