Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

Data File : VV010006.D
Acq On : 29 Mar 2019 17:20
Operator : SY/MD
Sample : K2084-04
Misc : 3.65G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7W6RE

Quant Time: Mar 30 04:17:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	137040	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34389	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	68689	24.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.80%			
7) Chloroethane-d5	1.57	69	78591	26.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.68%			
10) 1,1-Dichloroethene-d2	2.13	63	154041	20.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.00%			
20) 2-Butanone-d5	3.93	46	21246	41.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.00%			
24) Chloroform-d	4.40	84	88011	25.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.84%			
26) 1,2-Dichloroethane-d4	5.08	65	61943	29.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.92%			
29) Benzene-d6	5.10	84	191815	30.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 122.84%			
33) 1,2-Dichloropropane-d6	6.12	67	61446	33.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.52%#			
37) Toluene-d8	7.36	98	158135	26.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.00%			
38) trans-1,3-Dichloropropene-	7.66	79	13035	17.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.76%			
39) 2-Hexanone-d5	8.13	63	13287	38.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.92%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42683	23.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.36%			
61) 1,2-Dichlorobenzene-d4	11.68	152	33613	25.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.68%			

Target Compounds						Qvalue
13) Acetone	2.18	43	5579	7.111	ug/L	93
16) Methylene chloride	2.53	84	11979	5.308	ug/L	96
21) 2-Butanone	3.98	43	1696	2.427	ug/L #	62
25) Chloroform	4.43	83	11860	3.267	ug/L #	70
40) 1,2-Dichloropropane	6.12	63	7758	4.754	ug/L #	94
42) cis-1,3-Dichloropropene	7.03	75	1078	0.453	ug/L	97
49) 2-Hexanone	8.17	43	5169	6.568	ug/L #	43
54) m,p-Xylene	9.18	106	1162	0.373	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

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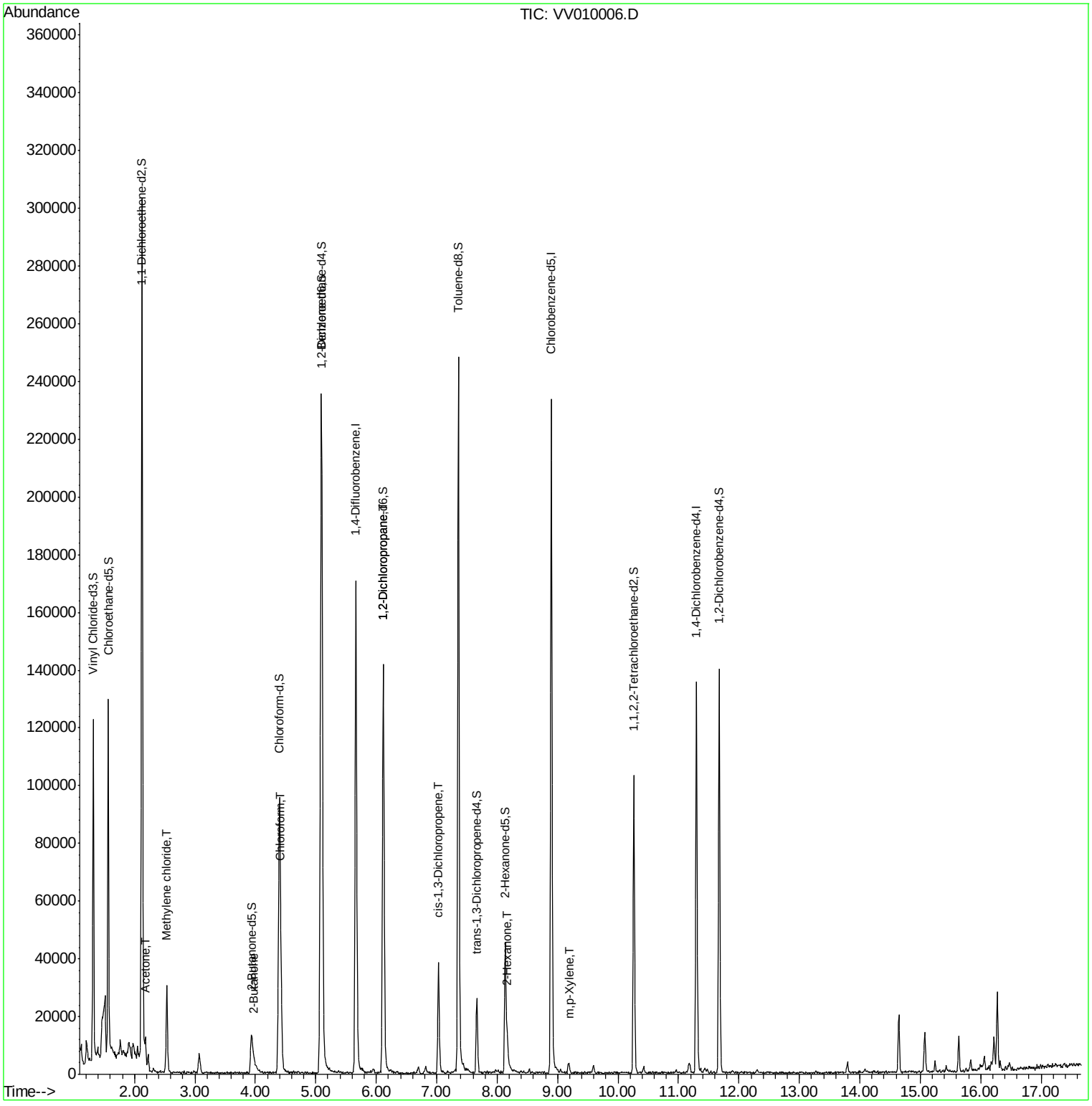
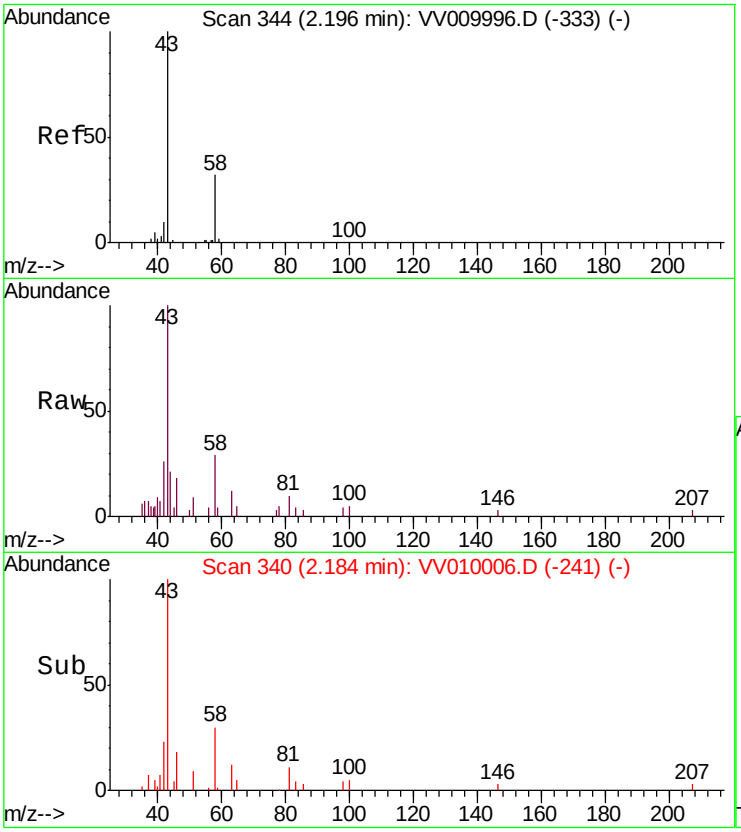
Instrument : MSVOA_V
ClientSampleId : BF7W6RE

Quant Time: Mar 30 04:17:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration



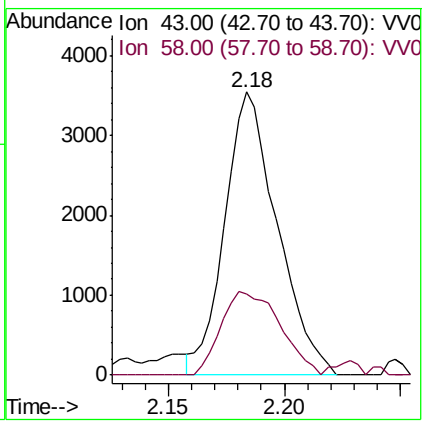


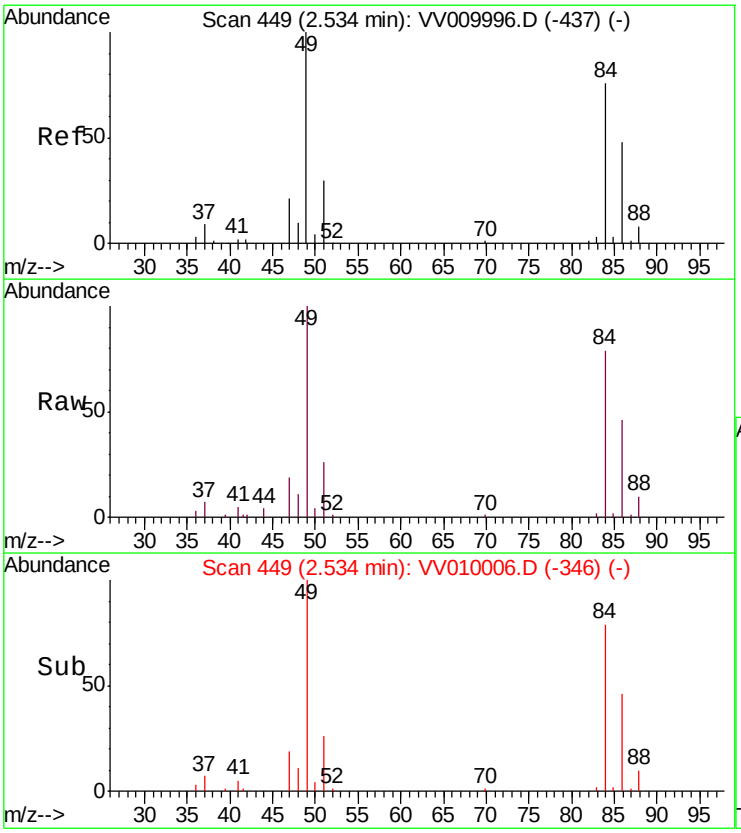
#13
Acetone
Concen: 7.111 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Instrument :
MSVOA_V
ClientSampleId :
BF7W6RE

Tgt Ion: 43 Resp: 5579

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	59.4

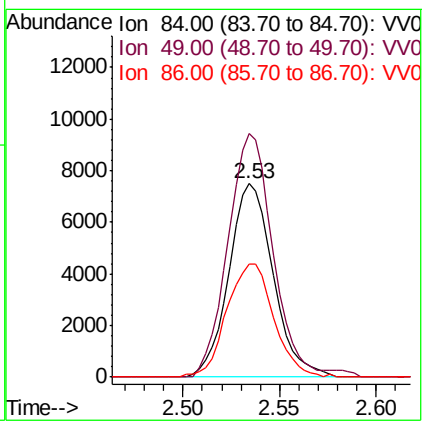


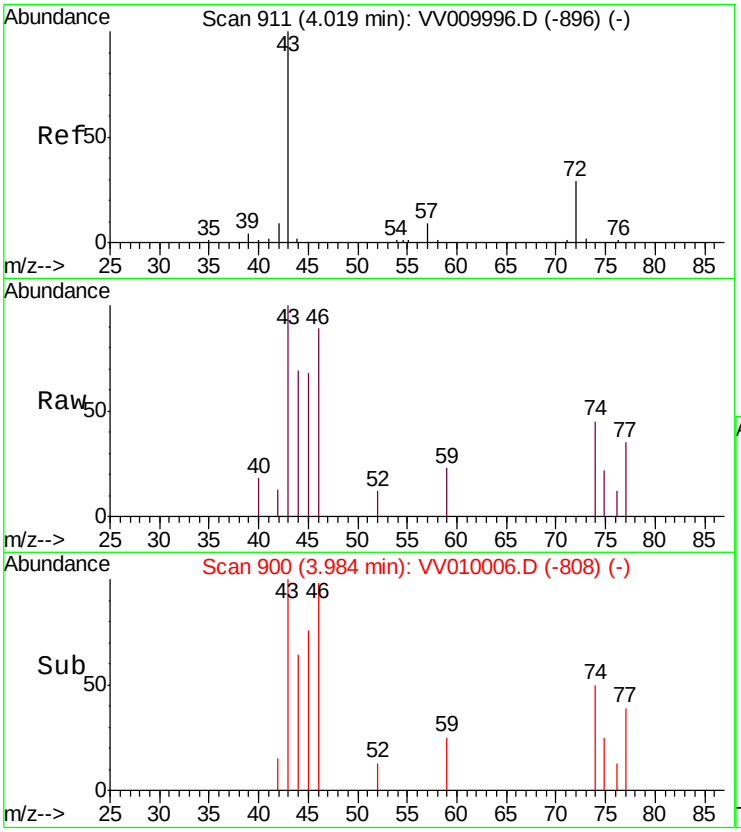


#16
Methylene chloride
Concen: 5.308 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Tgt Ion: 84 Resp: 11979

Ion	Ratio	Lower	Upper
84	100		
49	125.8	90.4	167.8
86	58.1	44.0	81.6



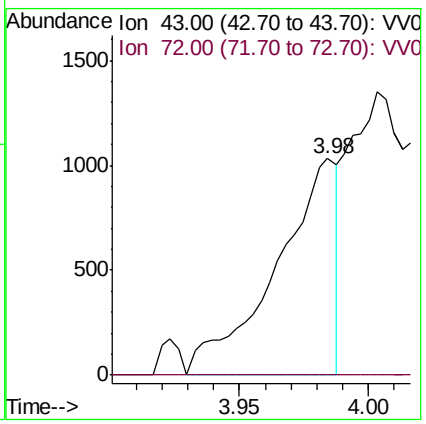


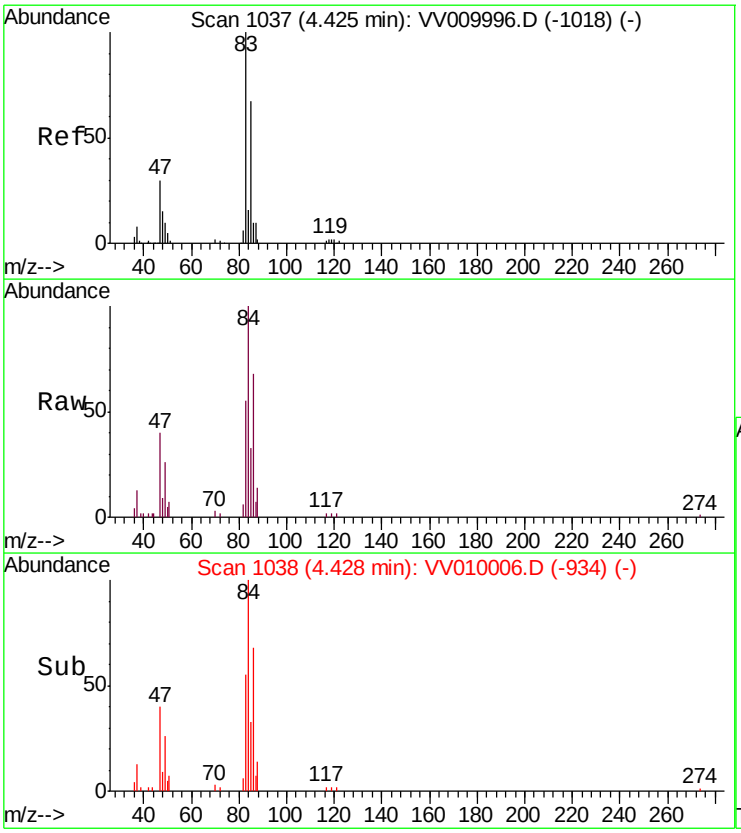
#21
2-Butanone
Concen: 2.427 ug/L
RT: 3.98 min Scan# 900
Delta R.T. -0.04 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Instrument :
MSVOA_V
ClientSampleId :
BF7W6RE

Tgt Ion: 43 Resp: 1696

Ion	Ratio	Lower	Upper
43	100		
72	4.0	11.1	33.1#

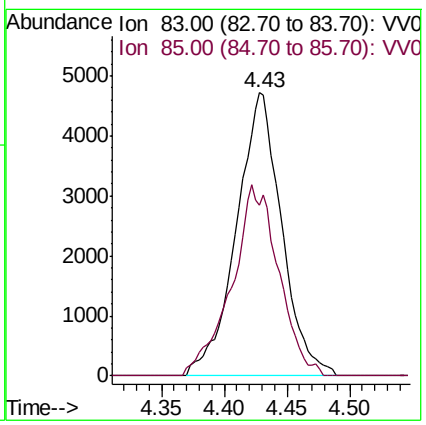


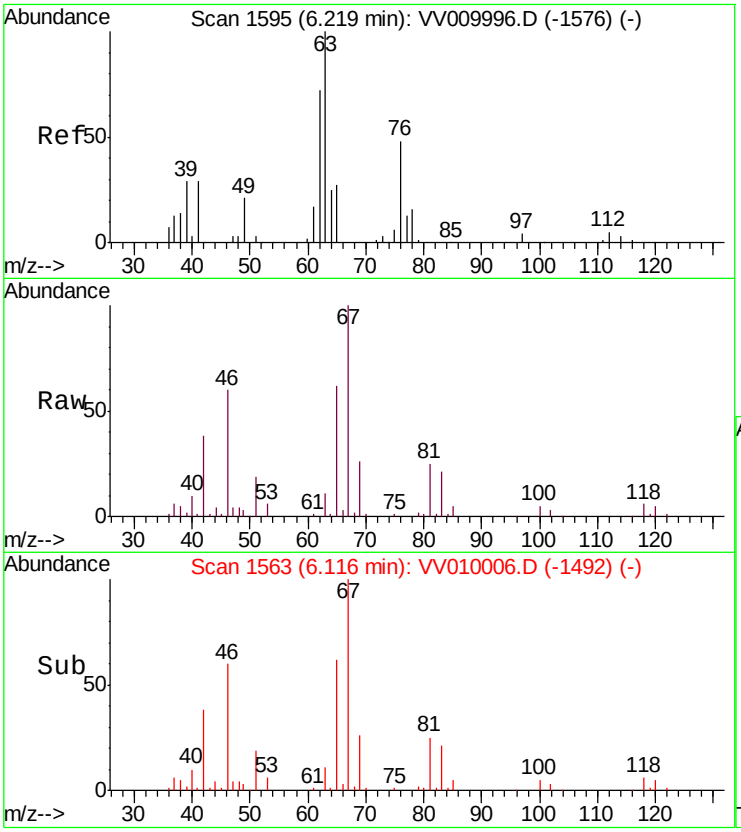


#25
Chloroform
Concen: 3.267 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Tgt Ion: 83 Resp: 11860

Ion	Ratio	Lower	Upper
83	100		
85	41.9	46.1	85.7#



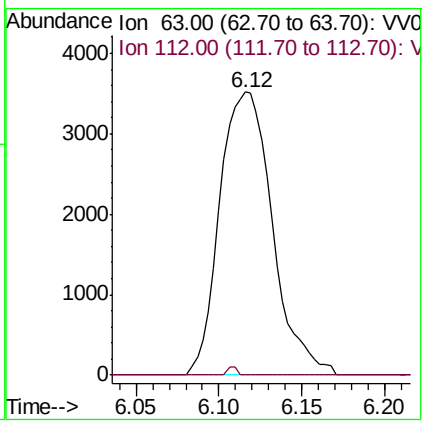


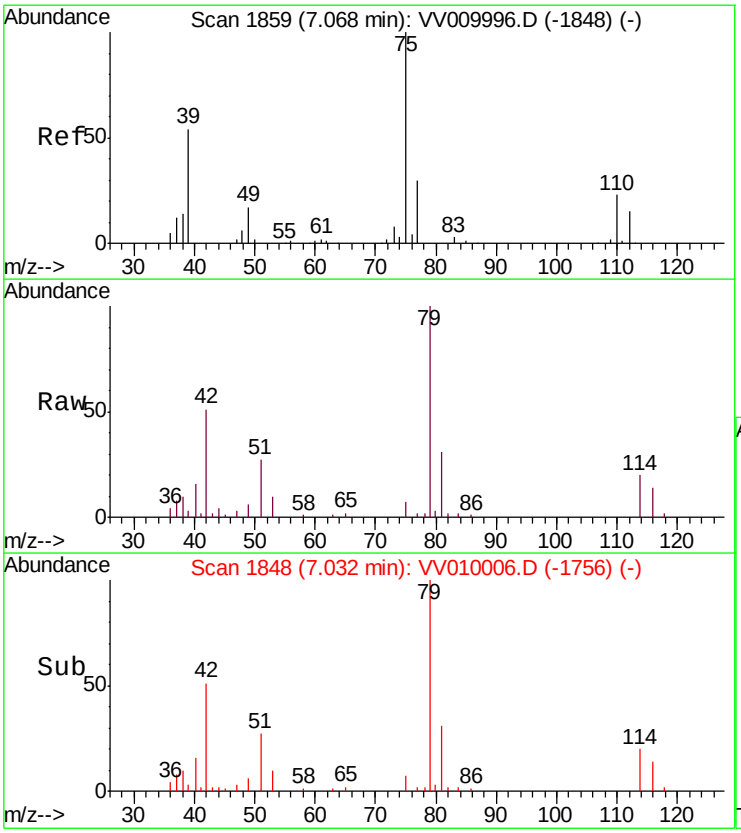
#40
1,2-Dichloropropane
Concen: 4.754 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Instrument : MSVOA_V
ClientSampleId : BF7W6RE

Tgt Ion: 63 Resp: 7758

Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.1	3.1#

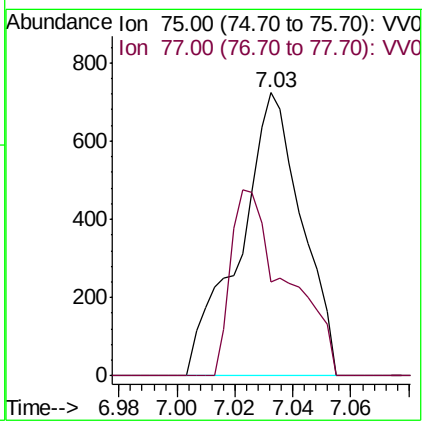


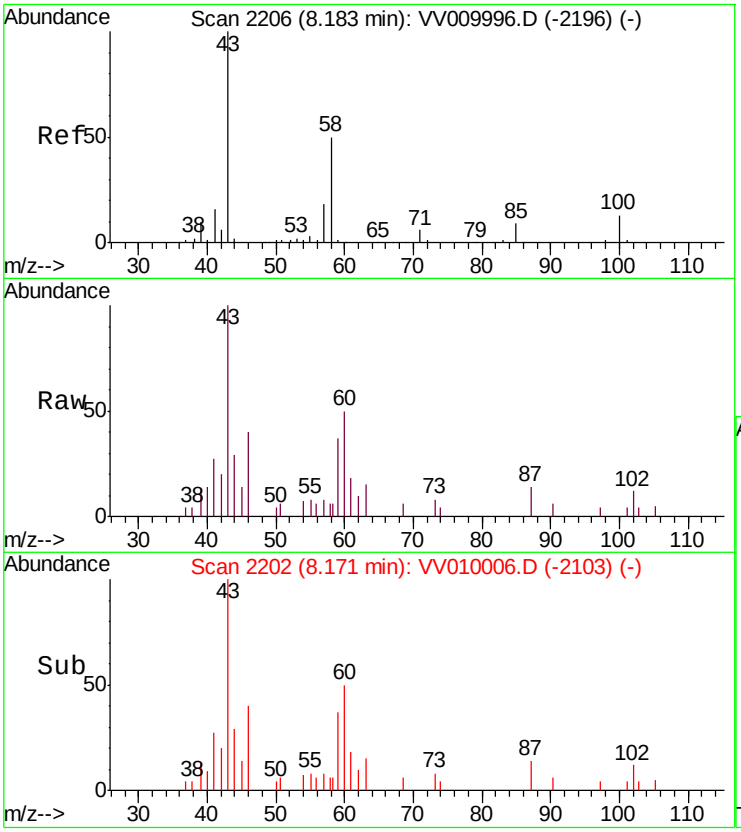


#42
cis-1,3-Dichloropropene
Concen: 0.453 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Tgt Ion: 75 Resp: 1078

Ion	Ratio	Lower	Upper
75	100		
77	33.1	21.8	40.6



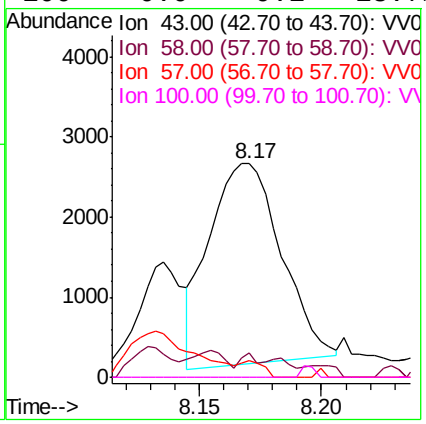


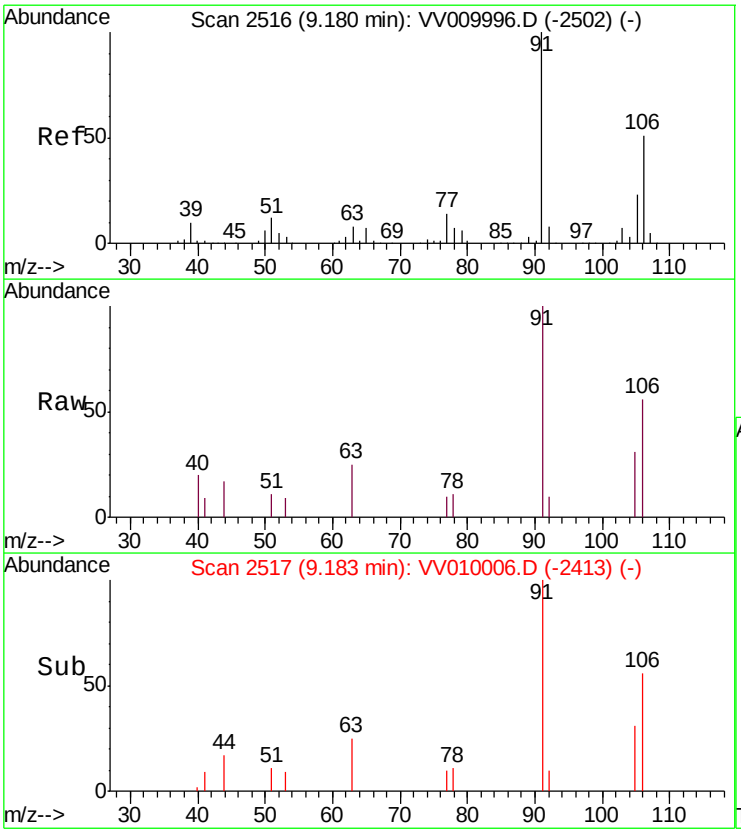
#49
2-Hexanone
Concen: 6.568 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Instrument : MSVOA_V
ClientSampleId : BF7W6RE

Tgt Ion: 43 Resp: 5169

Ion	Ratio	Lower	Upper
43	100		
58	2.2	42.0	63.0#
57	2.6	12.9	19.3#
100	0.0	9.1	13.7#





#54
m,p-Xylene
Concen: 0.373 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010006.D
Acq: 29 Mar 2019 17:20

Tgt Ion:106 Resp: 1162

Ion	Ratio	Lower	Upper
106	100		
91	178.5	130.0	241.4