Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

Quantitation Report (Not Reviewed)

Data File : VV009110.D
Acq On : 21 Dec 2018 03:34
Operator : SY/MD
Sample : J6487-02
Misc : 5.37 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H08

Quant Time: Dec 21 07:56:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160787	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43816	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	36312	21.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.28%			
7) Chloroethane-d5	1.58	69	38469	31.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.20%			
10) 1,1-Dichloroethene-d2	2.13	63	70640	16.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.92%			
20) 2-Butanone-d5	3.94	46	19278	31.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.64%			
24) Chloroform-d	4.40	84	101464	26.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.08	65	64341	30.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.00%			
29) Benzene-d6	5.10	84	191868	27.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.56%			
33) 1,2-Dichloropropane-d6	6.12	67	61775	32.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 128.32%#			
37) Toluene-d8	7.36	98	158257	24.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.44%			
38) trans-1,3-Dichloropropene-	7.67	79	15908	18.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.20%			
39) 2-Hexanone-d5	8.14	63	10386	29.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.88%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46101	28.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	40346	24.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.16%			

Target Compounds						Qvalue
13) Acetone	2.21	43	3080	3.451	ug/L	75
16) Methylene chloride	2.54	84	5560	2.054	ug/L	97
21) 2-Butanone	3.99	43	5463	6.531	ug/L #	47
25) Chloroform	4.43	83	2871	0.737	ug/L #	35
40) 1,2-Dichloropropane	6.12	63	6834	3.859	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1056	0.407	ug/L	90
49) 2-Hexanone	8.18	43	7736	7.812	ug/L #	62
59) 1,2,3-Trichloropropane	11.30	75	4939	3.578	ug/L	91

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

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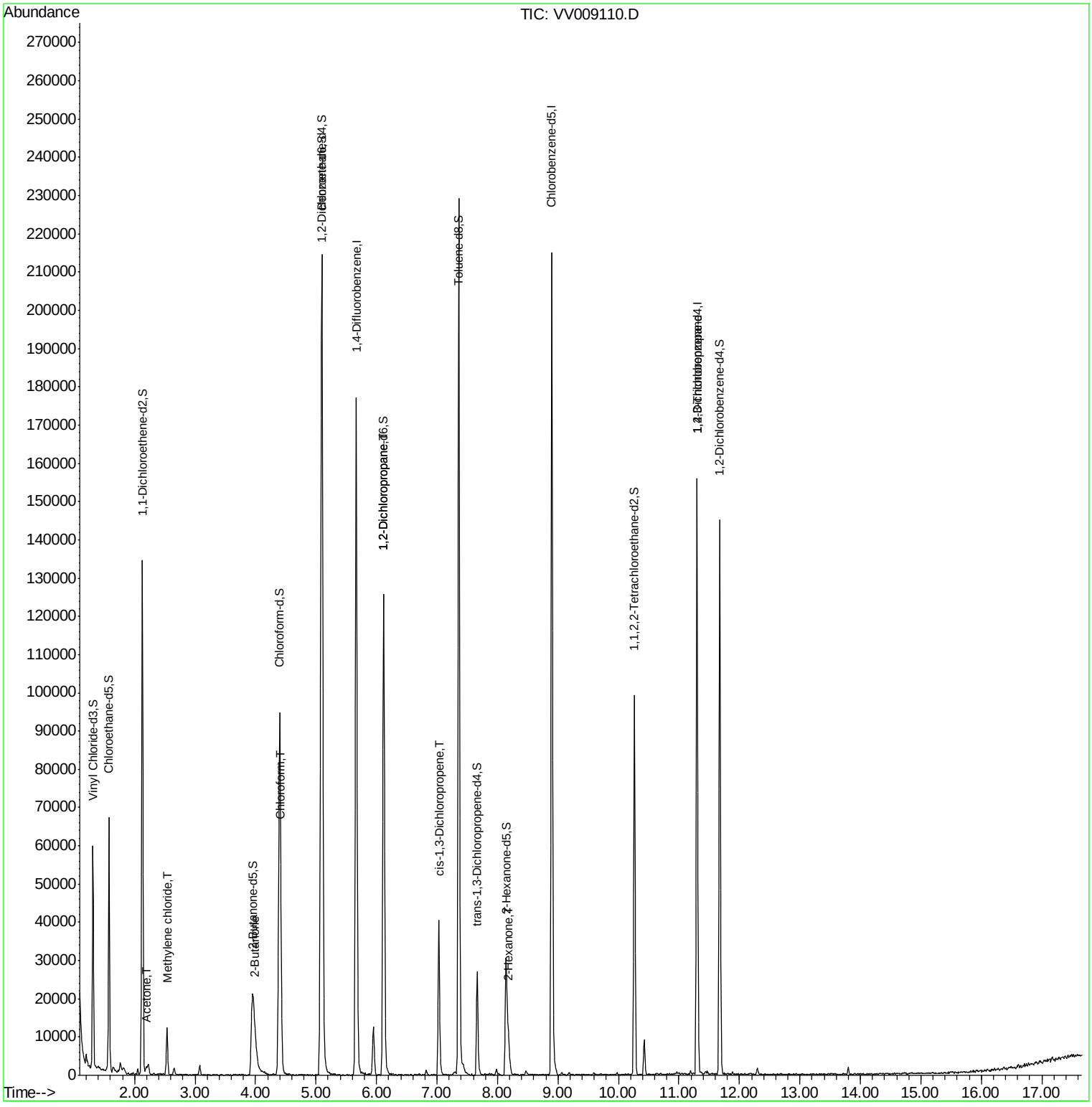
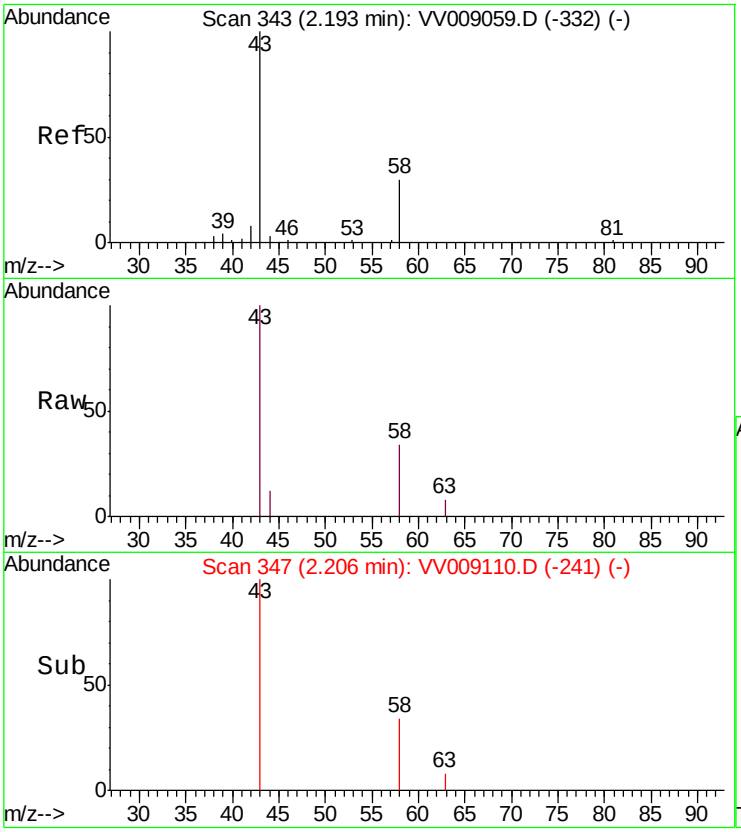
Quant Time: Dec 21 07:56:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration



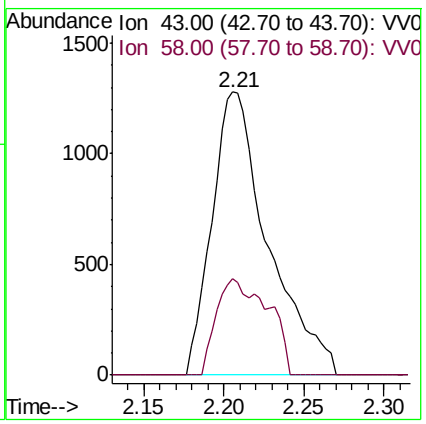


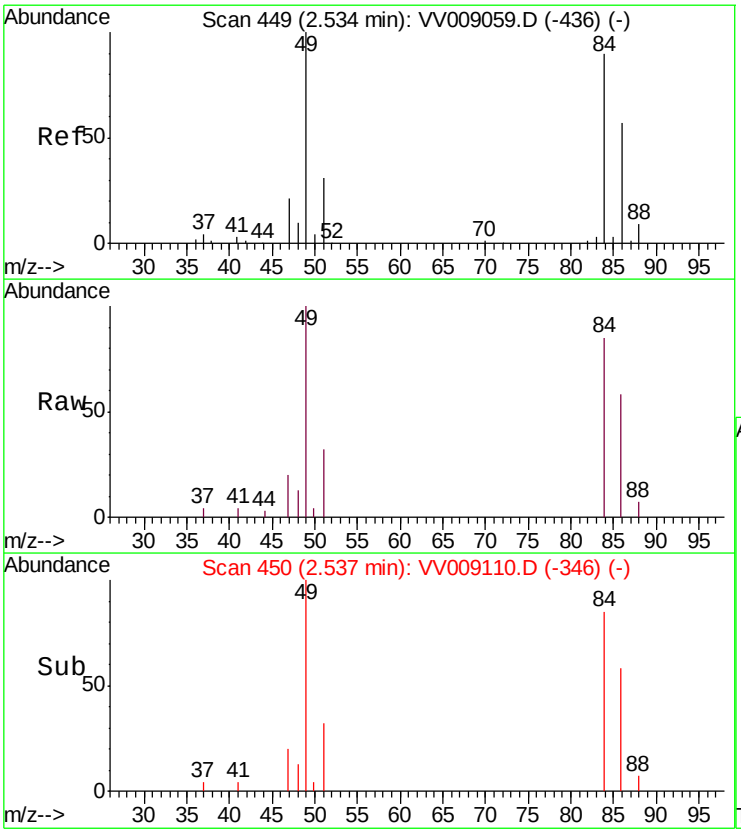
#13
Acetone
Concen: 3.451 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Instrument : MSVOA_V
ClientSampleId : F9H08

Tgt Ion: 43 Resp: 3080

Ion	Ratio	Lower	Upper
43	100		
58	18.5	0.0	65.4

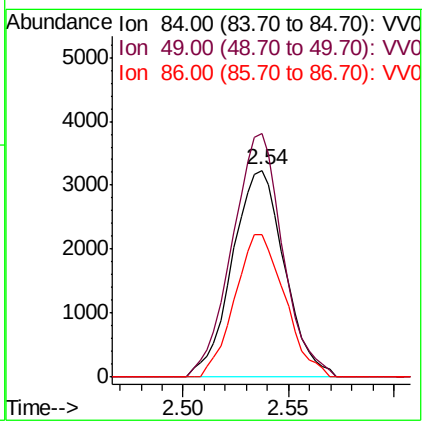


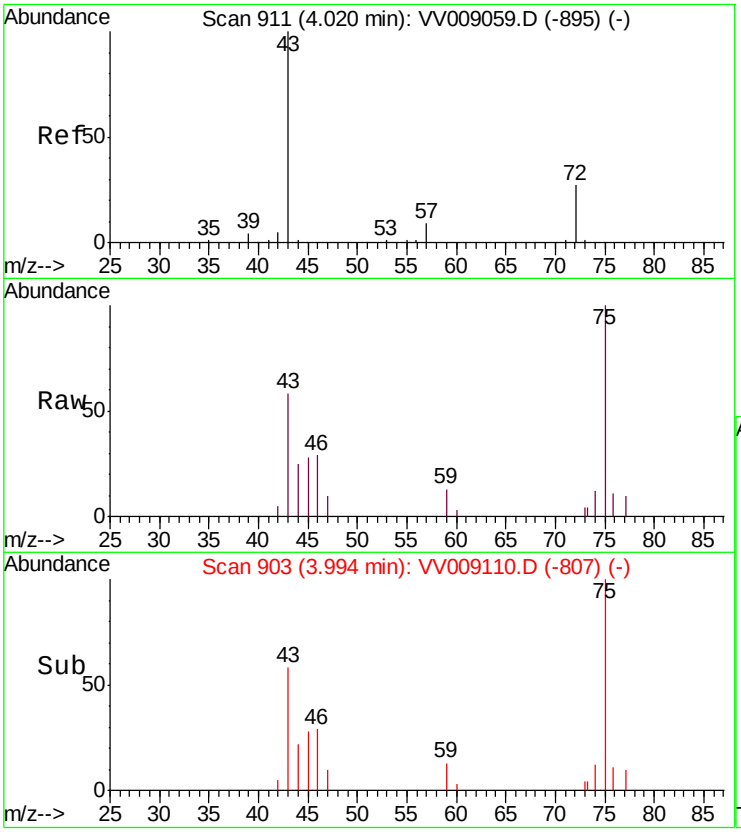


#16
Methylene chloride
Concen: 2.054 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Tgt Ion: 84 Resp: 5560

Ion	Ratio	Lower	Upper
84	100		
49	117.9	80.5	149.5
86	68.7	45.5	84.5



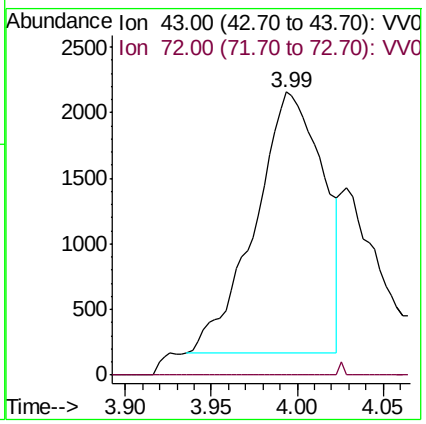


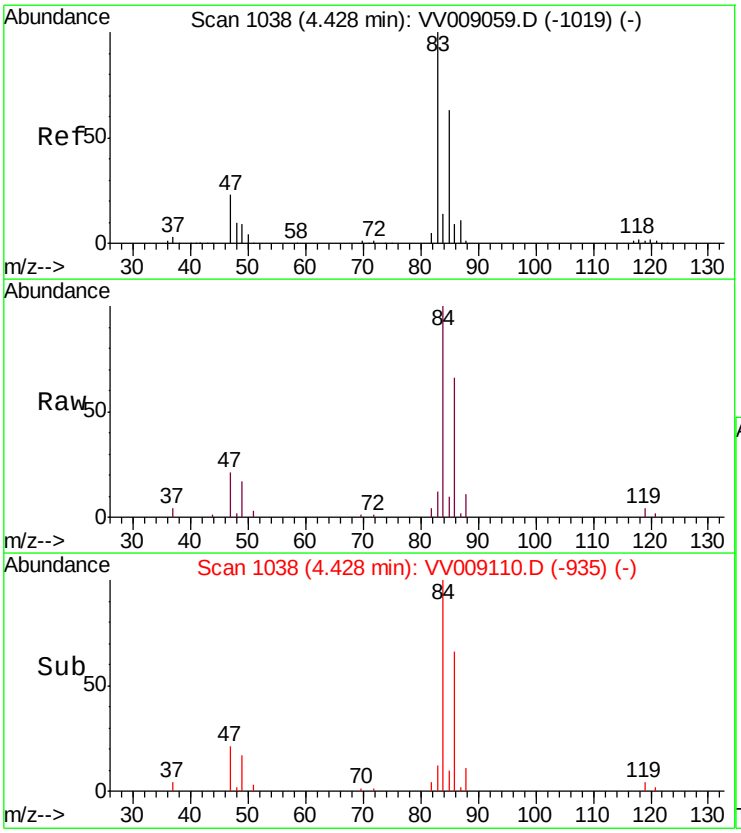
#21
2-Butanone
Concen: 6.531 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.02 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Instrument : MSVOA_V
ClientSampleId : F9H08

Tgt Ion: 43 Resp: 5463

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#

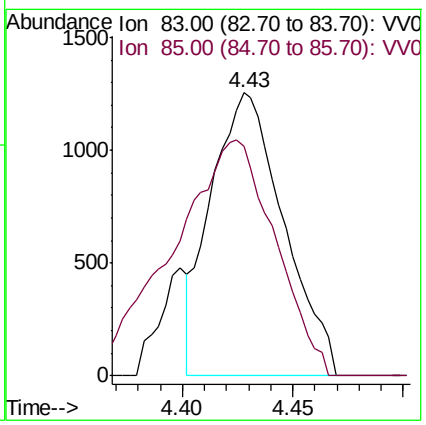


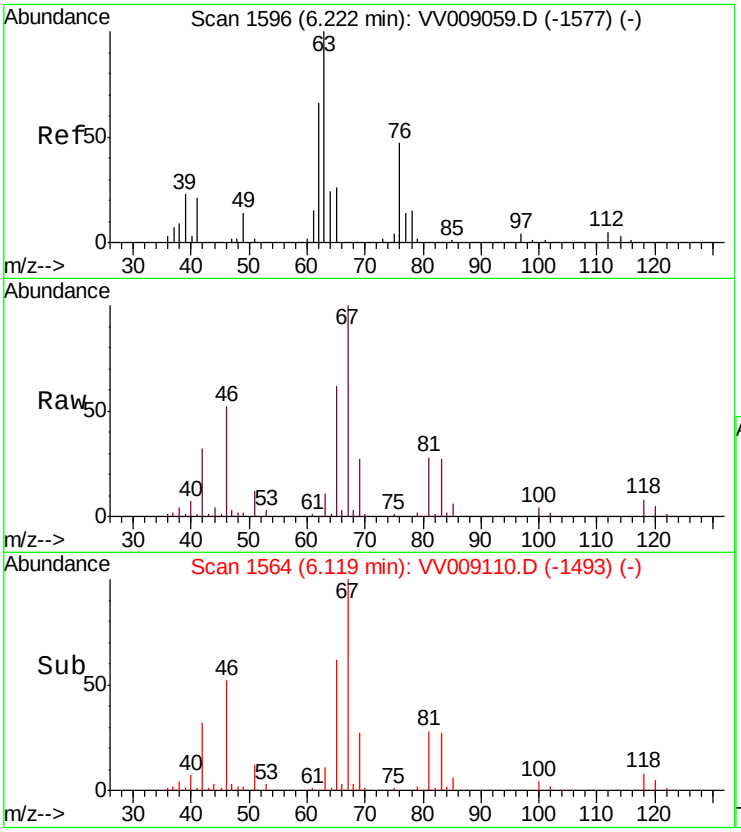


#25
Chloroform
Concen: 0.737 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Tgt Ion: 83 Resp: 2871

Ion	Ratio	Lower	Upper
83	100		
85	116.9	45.6	84.8#



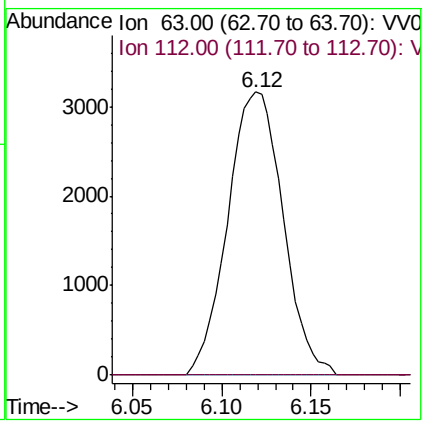


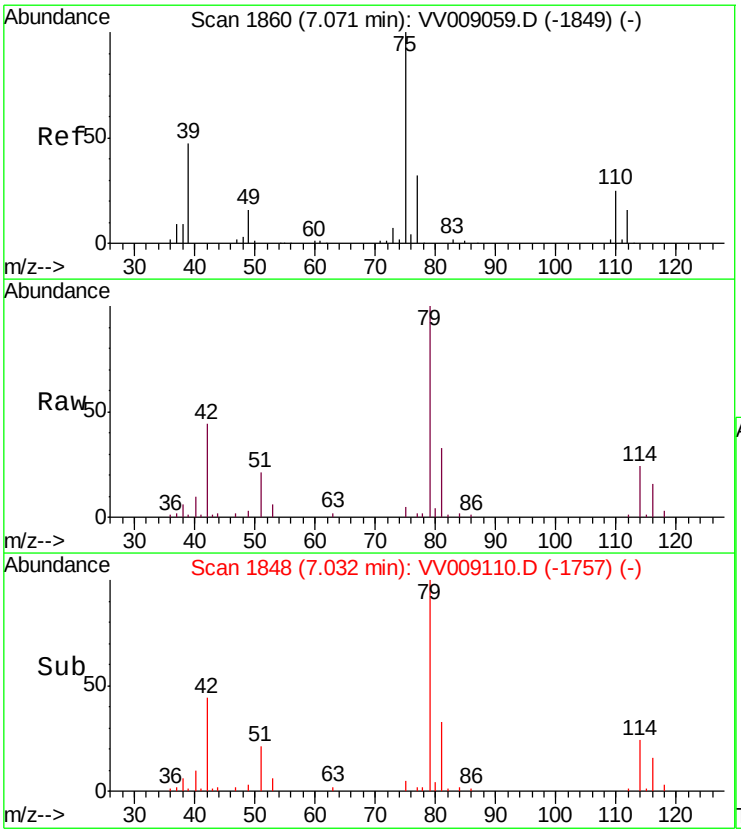
#40
1,2-Dichloropropane
Concen: 3.859 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Instrument :
MSVOA_V
ClientSampleId :
F9H08

Tgt Ion: 63 Resp: 6834

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

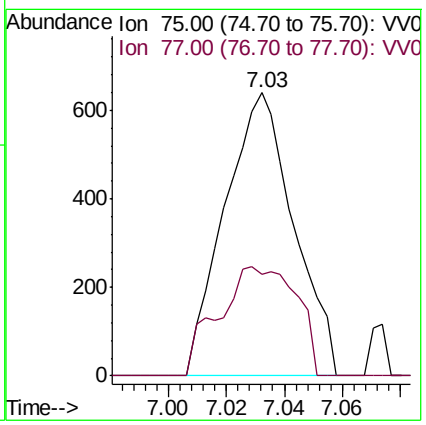


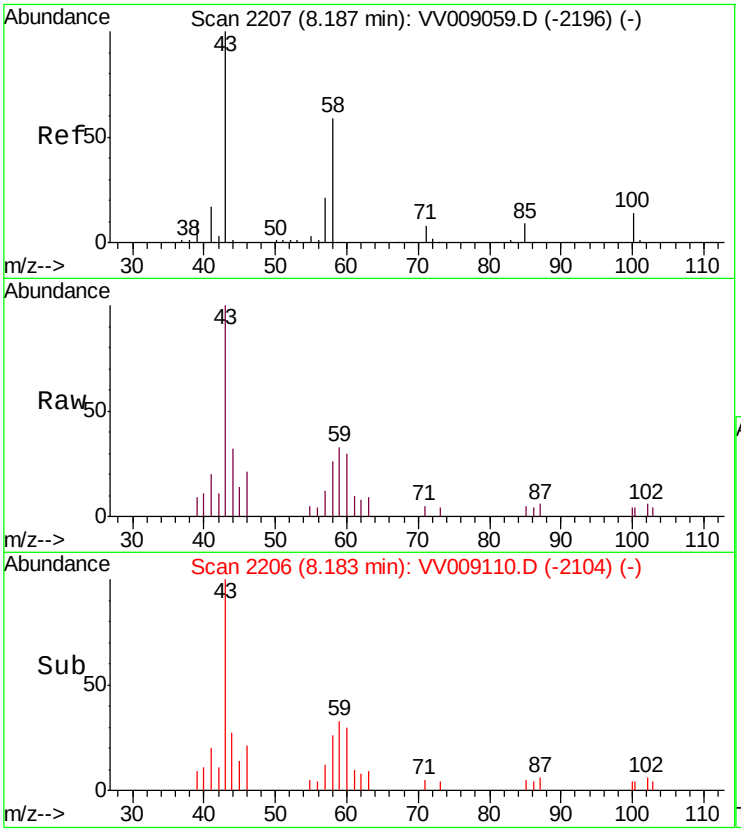


#42
cis-1,3-Dichloropropene
Concen: 0.407 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Tgt Ion: 75 Resp: 1056

Ion	Ratio	Lower	Upper
75	100		
77	36.2	21.3	39.6



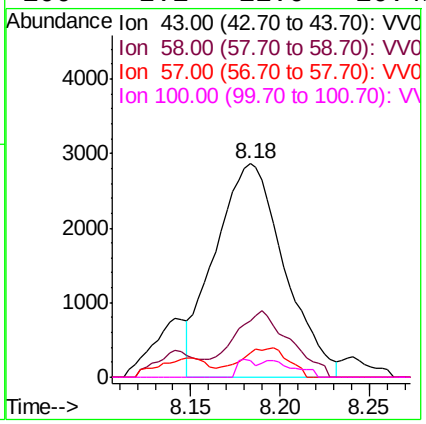


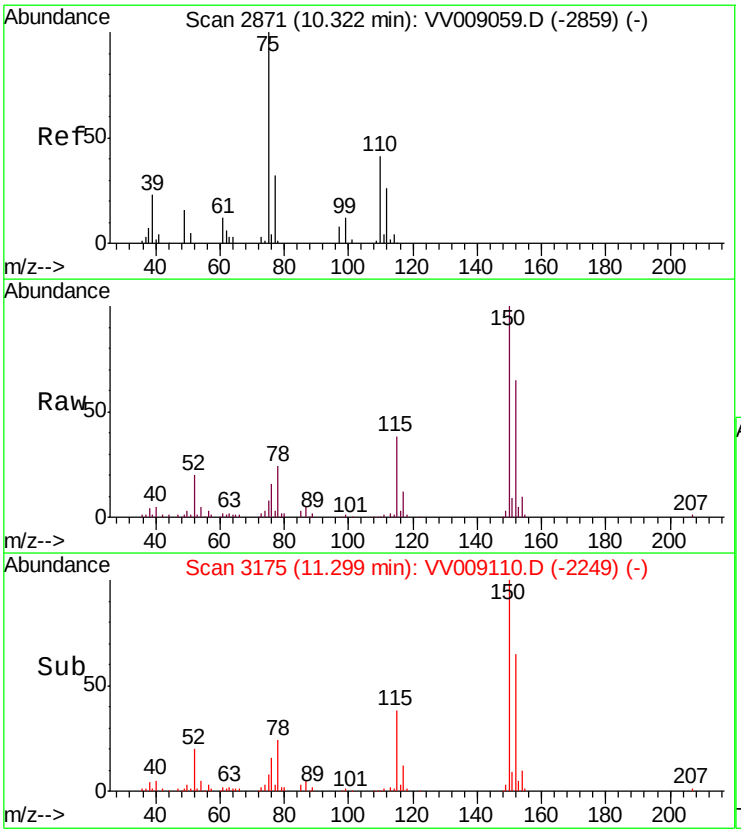
#49
2-Hexanone
Concen: 7.812 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Instrument : MSVOA_V
ClientSampleId : F9H08

Tgt Ion: 43 Resp: 7736

Ion	Ratio	Lower	Upper
43	100		
58	25.3	43.9	65.9#
57	2.7	15.7	23.5#
100	2.1	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 3.578 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009110.D
Acq: 21 Dec 2018 03:34

Tgt Ion: 75 Resp: 4939

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.6	38.4