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

Quantitation Report (Not Reviewed)

Data File : VV009108.D
Acq On : 21 Dec 2018 02:44
Operator : SY/MD
Sample : J6468-20
Misc : 4.95 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JH6

Quant Time: Dec 21 03:05:58 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	254907	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230819	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108221	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	48144	18.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.00%			
7) Chloroethane-d5	1.58	69	49772	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.16%			
10) 1,1-Dichloroethene-d2	2.13	63	94586	14.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.36%			
20) 2-Butanone-d5	3.94	46	37561	39.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.22%			
24) Chloroform-d	4.40	84	147700	24.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.08	65	88635	26.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.04%			
29) Benzene-d6	5.10	84	288656	22.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.56%			
33) 1,2-Dichloropropane-d6	6.12	67	88494	24.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.08%			
37) Toluene-d8	7.36	98	261026	21.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.52%			
38) trans-1,3-Dichloropropene-	7.66	79	38779	24.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.84%			
39) 2-Hexanone-d5	8.14	63	22759	34.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62536	20.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	100692	24.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.16%			

Target Compounds						Qvalue
13) Acetone	2.20	43	1582	1.118	ug/L	42
16) Methylene chloride	2.54	84	7311	1.703	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5893	1.592	ug/L	98
25) Chloroform	4.43	83	4354	0.705	ug/L #	74
40) 1,2-Dichloropropane	6.12	63	10086	3.039	ug/L #	85
49) 2-Hexanone	8.19	43	4869	2.624	ug/L #	91
59) 1,2,3-Trichloropropane	11.30	75	11637	4.499	ug/L	91

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

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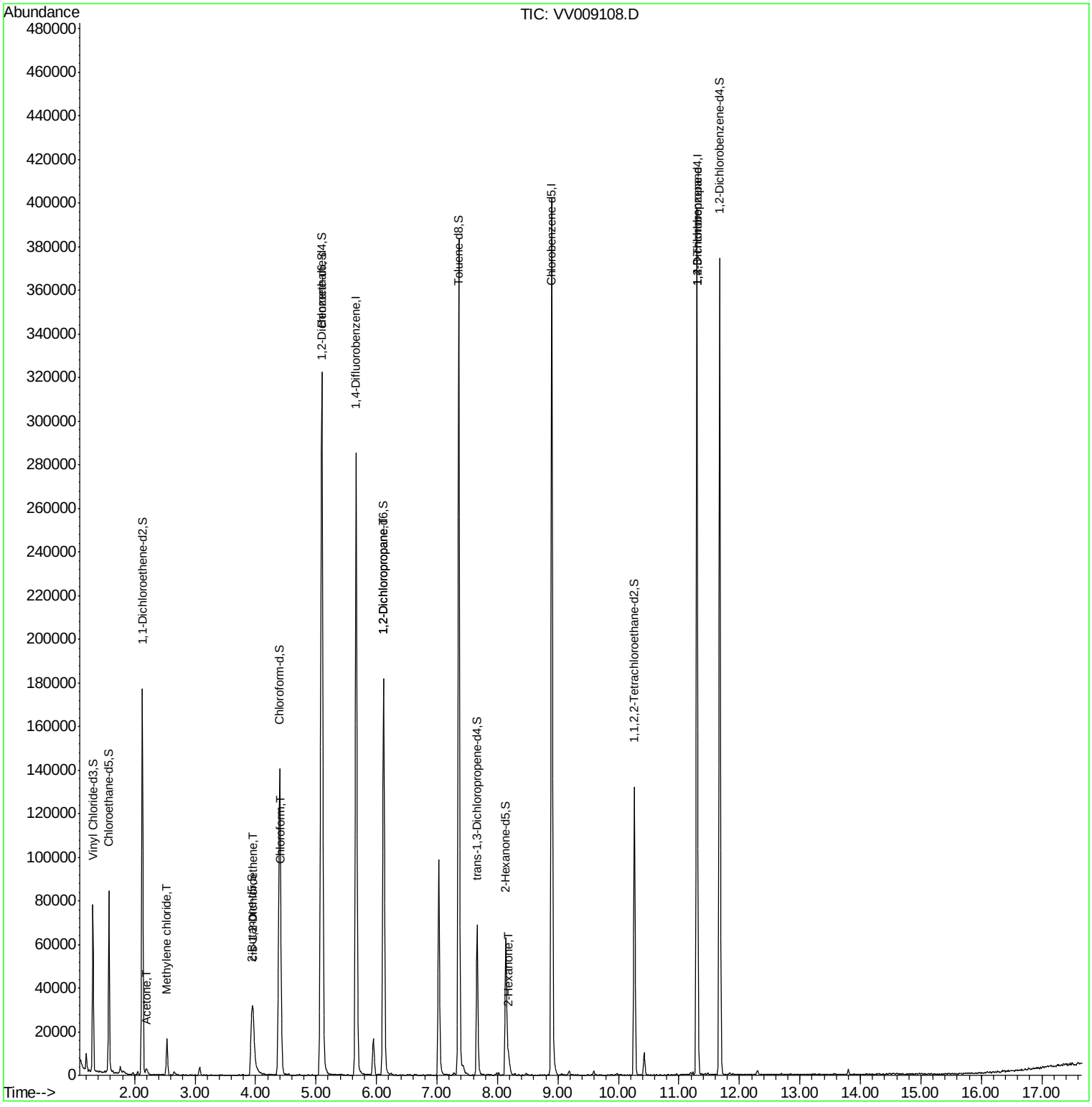
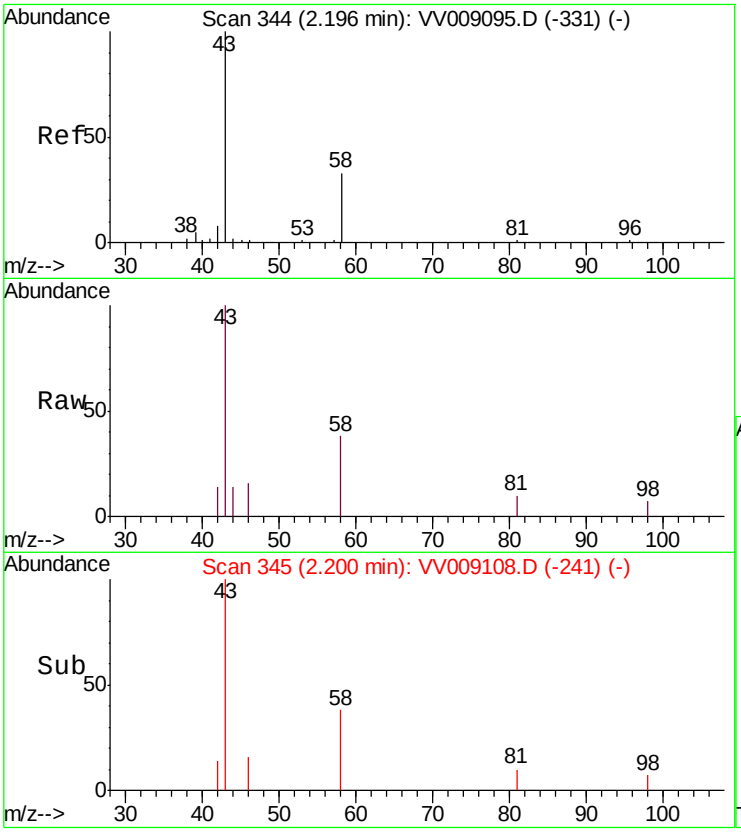
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration



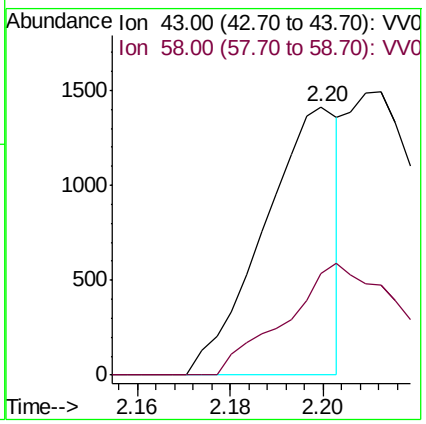


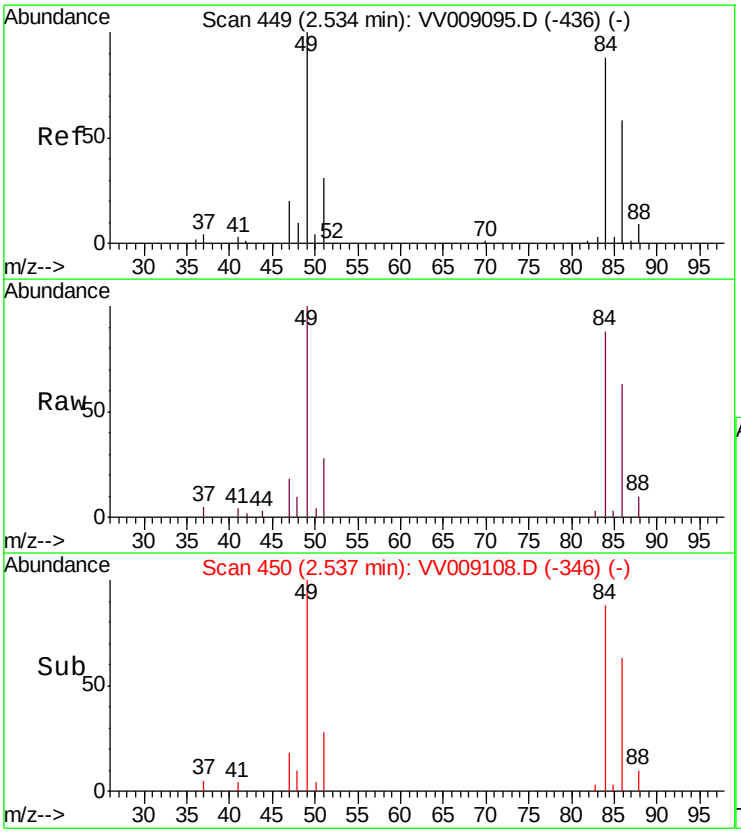
#13
Acetone
Concen: 1.118 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Instrument : MSVOA_V
ClientSampleId : C0JH6

Tgt Ion: 43 Resp: 1582

Ion	Ratio	Lower	Upper
43	100		
58	65.2	0.0	65.4

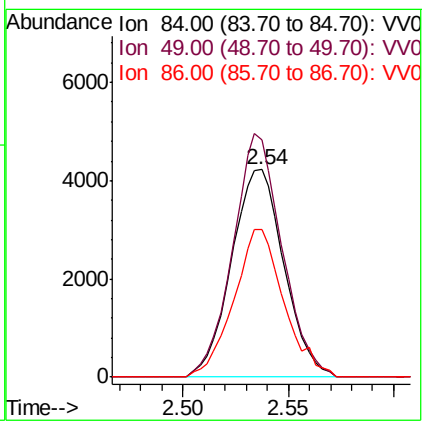


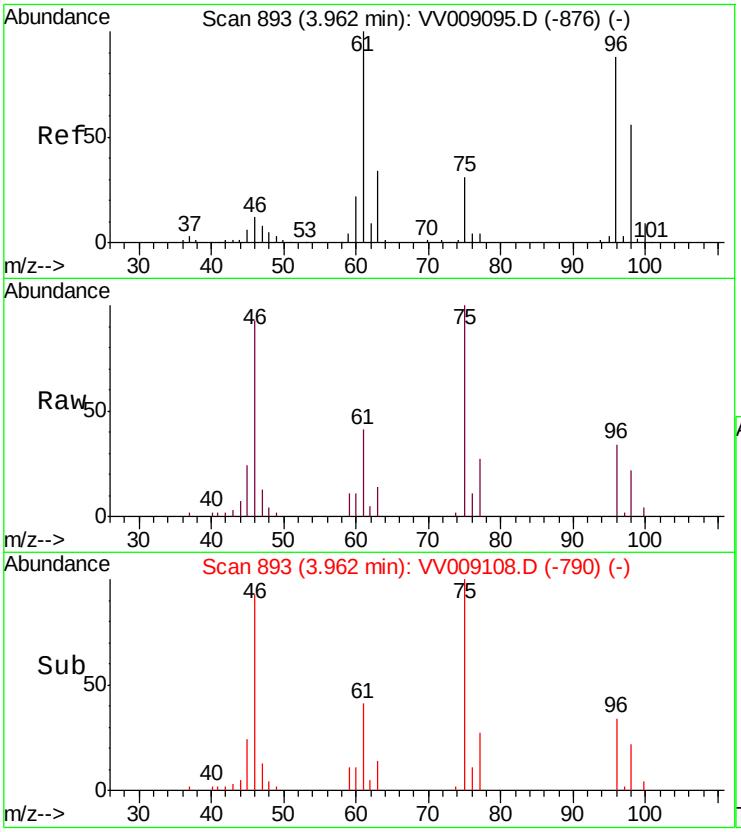


#16
Methylene chloride
Concen: 1.703 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Tgt Ion: 84 Resp: 7311

Ion	Ratio	Lower	Upper
84	100		
49	114.2	80.5	149.5
86	71.4	45.5	84.5



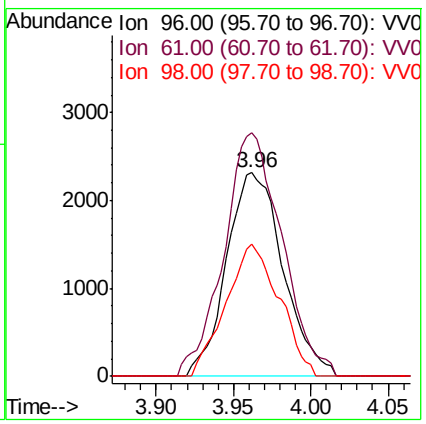


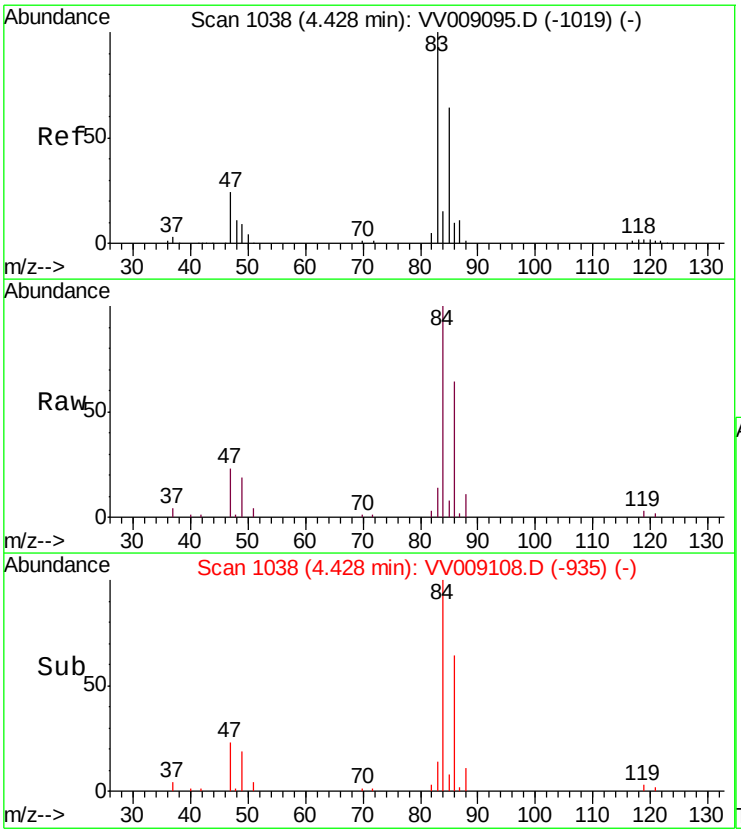
#22
cis-1,2-Dichloroethene
Concen: 1.592 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Instrument :
MSVOA_V
ClientSampleId :
C0JH6

Tgt Ion: 96 Resp: 5893

Ion	Ratio	Lower	Upper
96	100		
61	119.5	86.2	160.0
98	64.6	45.6	84.6

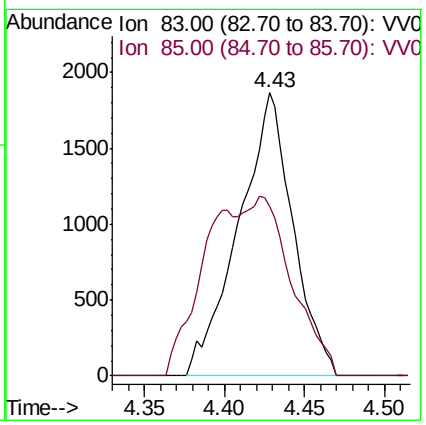


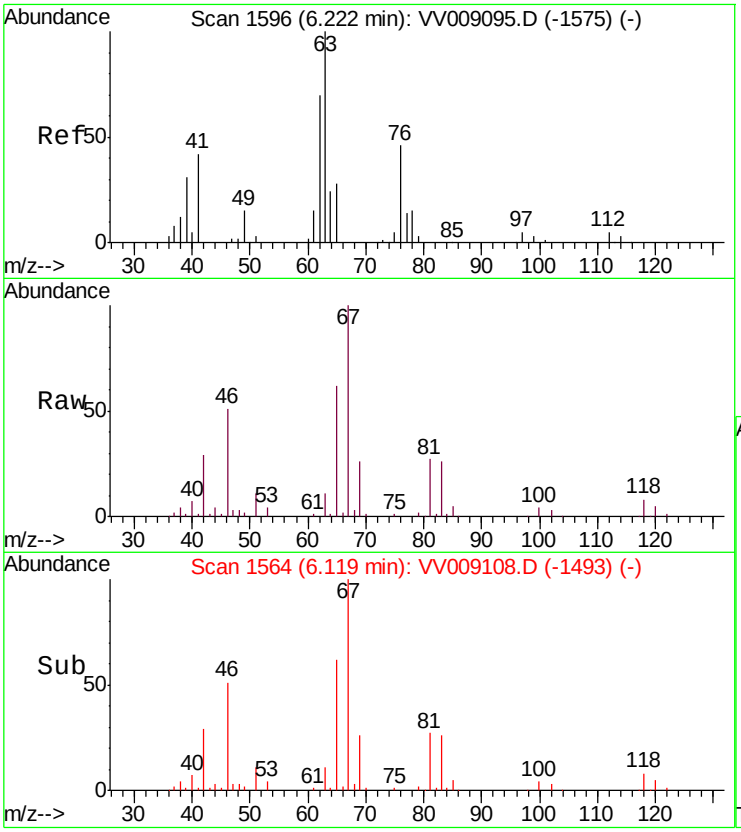


#25
Chloroform
Concen: 0.705 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Tgt Ion: 83 Resp: 4354

Ion	Ratio	Lower	Upper
83	100		
85	44.3	45.6	84.8#



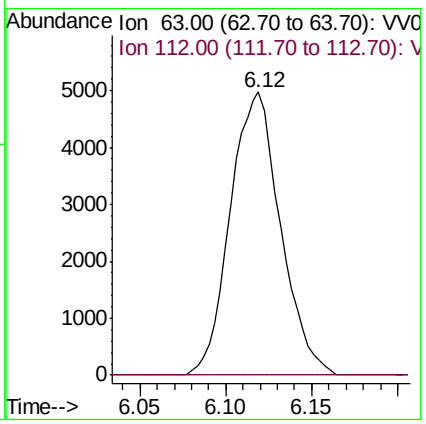


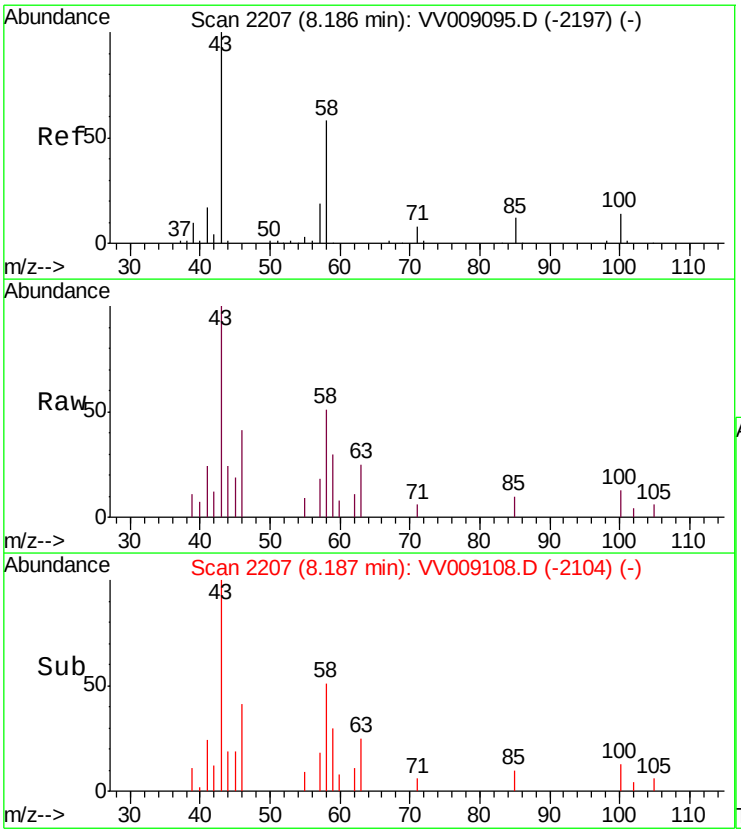
#40
1,2-Dichloropropane
Concen: 3.039 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Instrument : MSVOA_V
ClientSampleId : C0JH6

Tgt Ion: 63 Resp: 10086

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

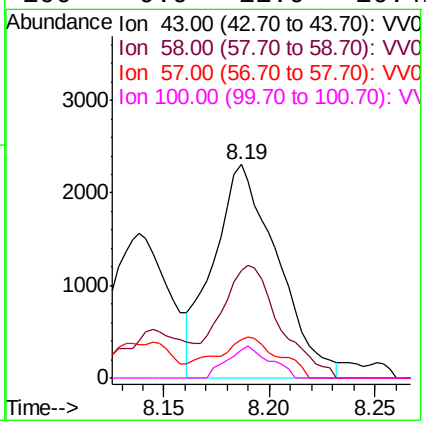


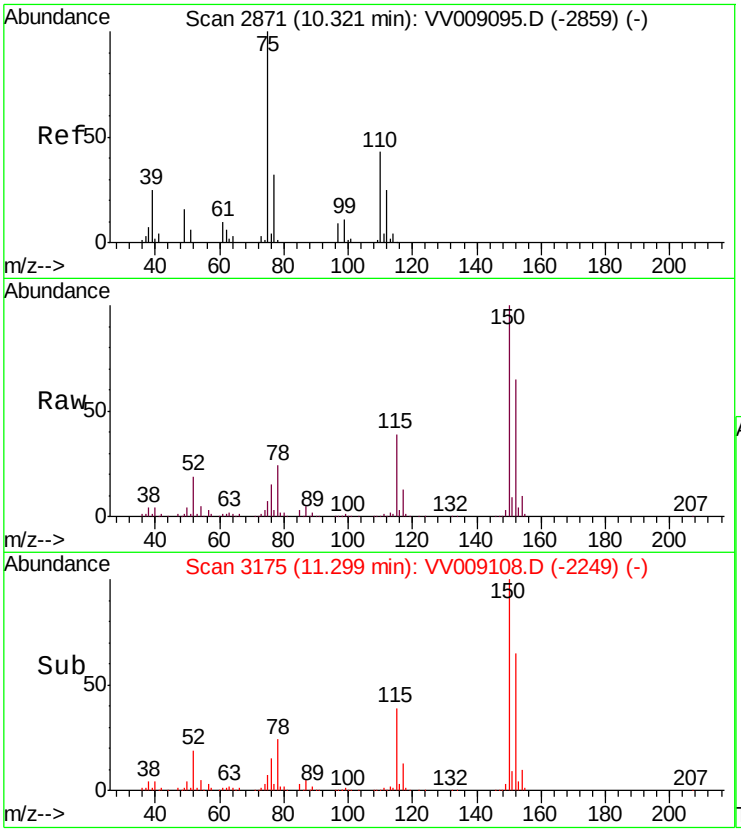


#49
2-Hexanone
Concen: 2.624 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Tgt Ion: 43 Resp: 4869

Ion	Ratio	Lower	Upper
43	100		
58	49.1	43.9	65.9
57	14.1	15.7	23.5#
100	9.9	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 4.499 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009108.D
Acq: 21 Dec 2018 02:44

Instrument :
MSVOA_V
ClientSampleId :
C0JH6

Tgt Ion: 75 Resp: 11637

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4