Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Not Reviewed)

Data File : VV009046.D
Acq On : 19 Dec 2018 12:09
Operator : SY/MD
Sample : VV1219SBL01
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK72

Quant Time: Dec 20 02:01:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	281339	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103941	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65391	22.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.84%			
7) Chloroethane-d5	1.58	69	67789	31.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.08%			
10) 1,1-Dichloroethene-d2	2.13	63	133333	18.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.28%			
20) 2-Butanone-d5	3.94	46	38507	36.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.66%			
24) Chloroform-d	4.40	84	159903	23.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.56%			
26) 1,2-Dichloroethane-d4	5.08	65	89525	24.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%			
29) Benzene-d6	5.10	84	322066	23.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.72%			
33) 1,2-Dichloropropane-d6	6.12	67	94783	24.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.44%			
37) Toluene-d8	7.36	98	294904	22.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.72%			
38) trans-1,3-Dichloropropene-	7.67	79	38126	22.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.24%			
39) 2-Hexanone-d5	8.14	63	22344	31.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61569	18.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.48%			
61) 1,2-Dichlorobenzene-d4	11.68	152	92524	23.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.88%			

Target Compounds						Qvalue
13) Acetone	2.20	43	2903	1.859	ug/L	89
16) Methylene chloride	2.54	84	8262	1.744	ug/L	98
25) Chloroform	4.43	83	4073	0.597	ug/L	93
49) 2-Hexanone	8.19	43	4711	2.355	ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	11446	4.105	ug/L	91
68) 1,2,4-trichlorobenzene	13.31	180	932	0.275	ug/L #	20
69) Naphthalene	13.56	128	3319	0.568	ug/L #	95

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

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Quantitation Report (Not Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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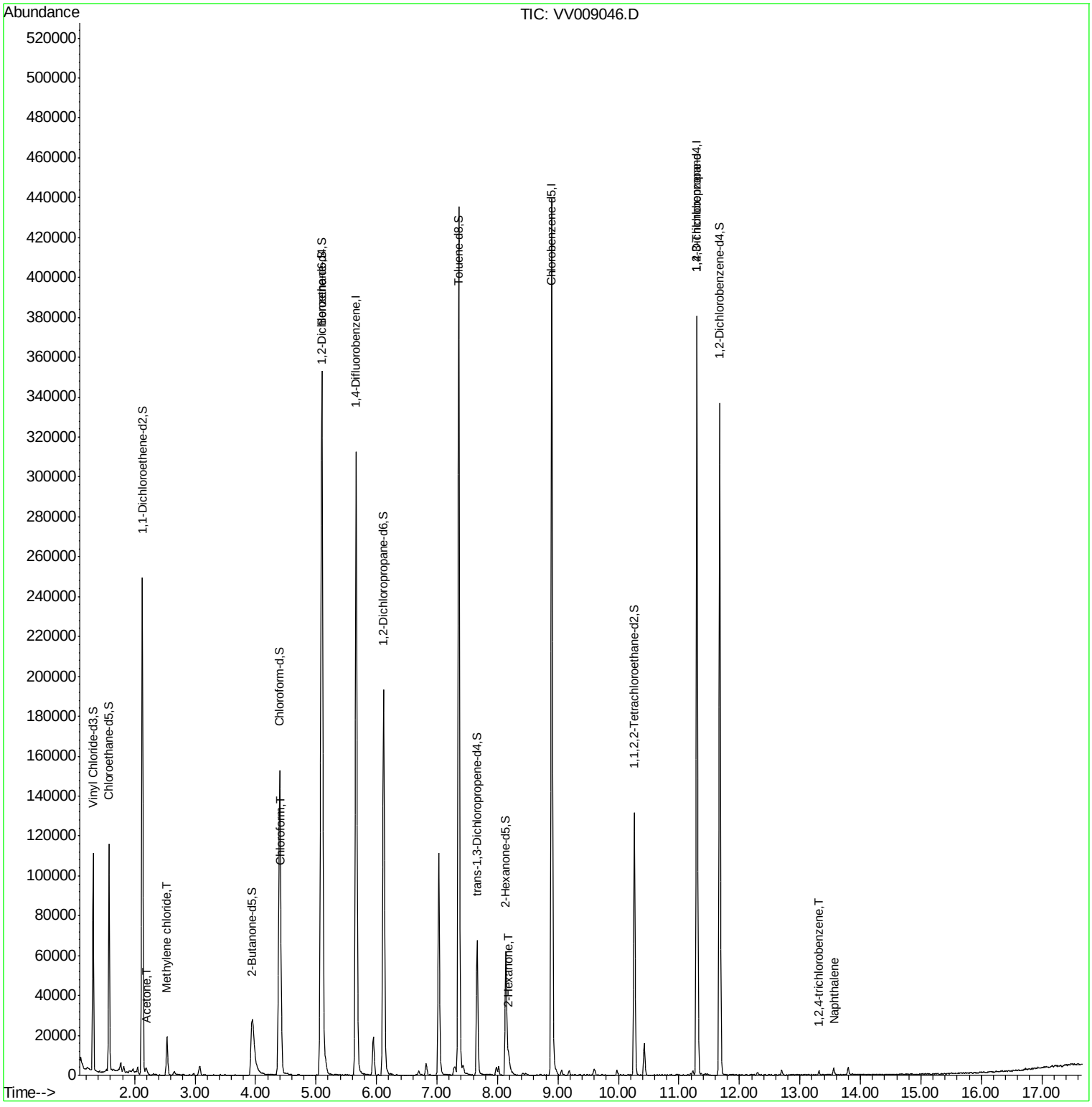
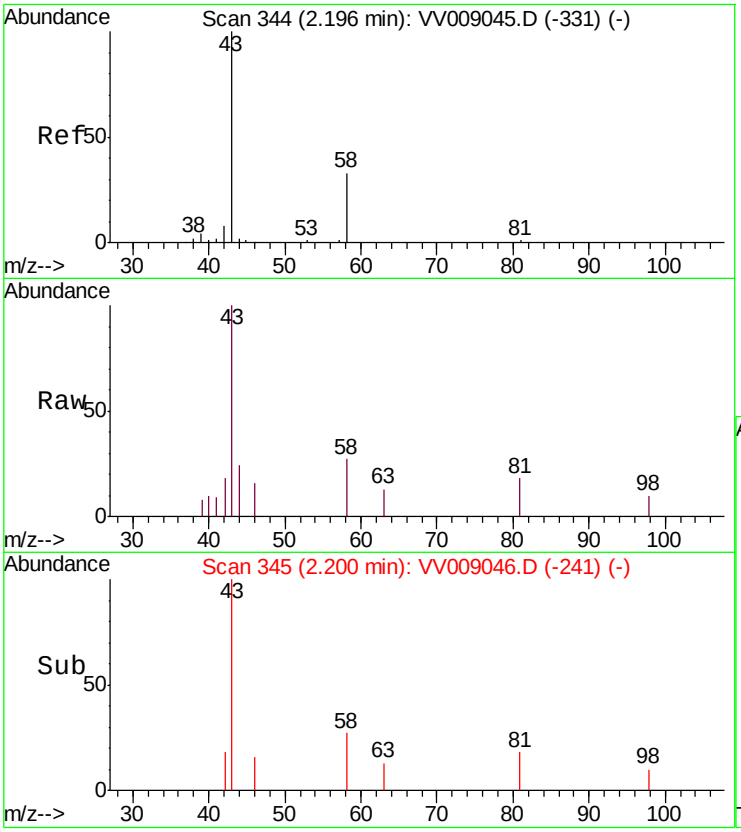
Quant Time: Dec 20 02:01:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration



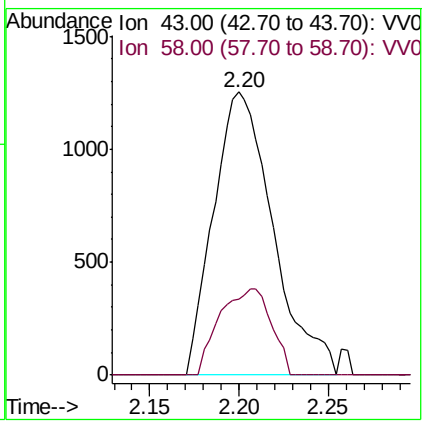


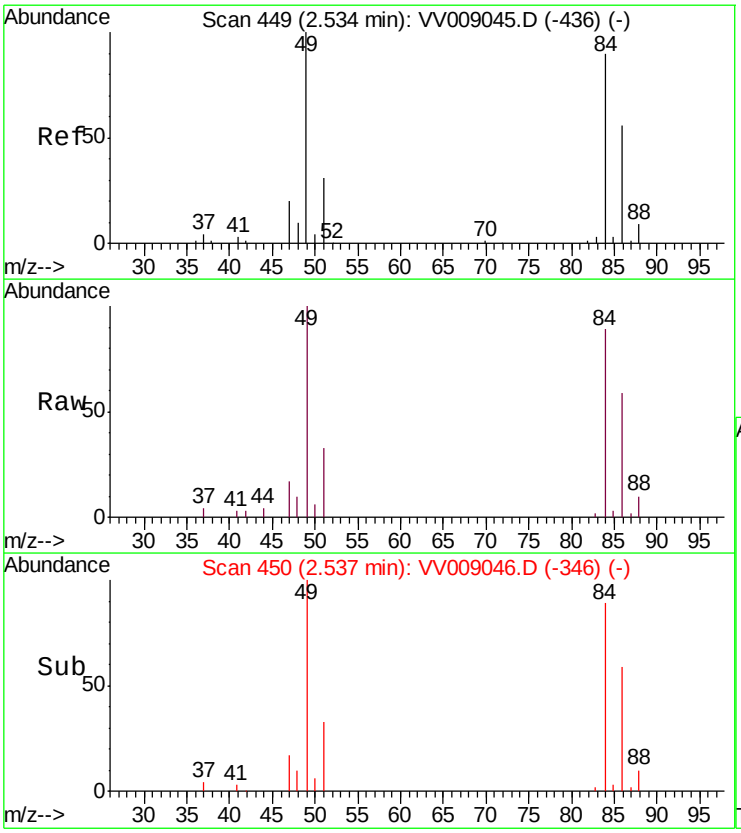
#13
Acetone
Concen: 1.859 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Instrument : MSVOA_V
ClientSampleId : VBLK72

Tgt Ion: 43 Resp: 2903

Ion	Ratio	Lower	Upper
43	100		
58	26.4	0.0	65.4

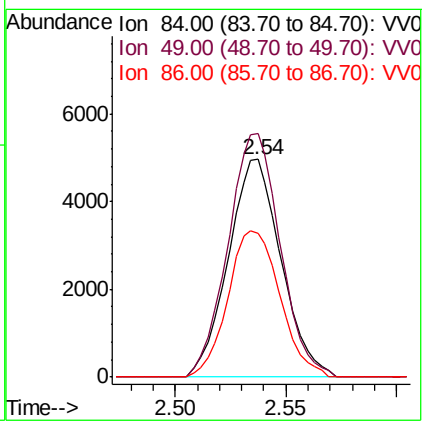


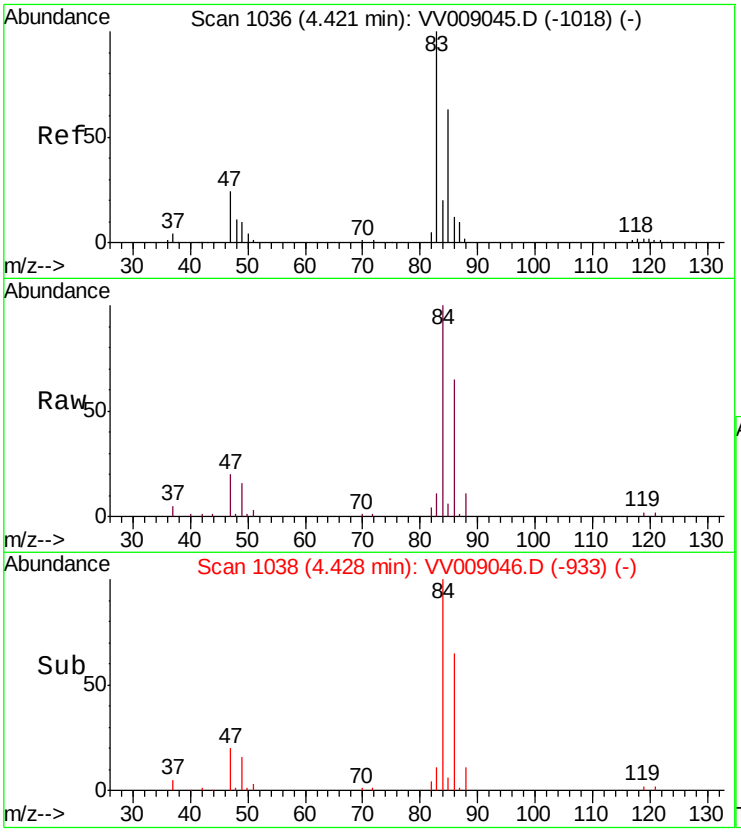


#16
Methylene chloride
Concen: 1.744 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Tgt Ion: 84 Resp: 8262

Ion	Ratio	Lower	Upper
84	100		
49	111.9	80.5	149.5
86	66.3	45.5	84.5



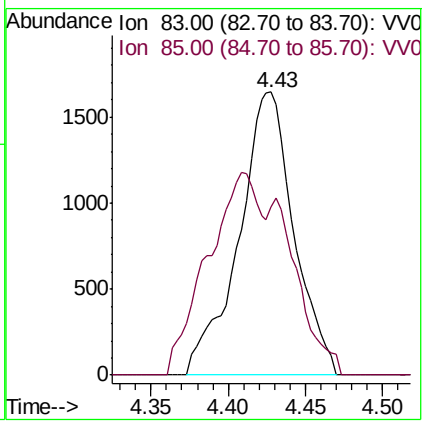


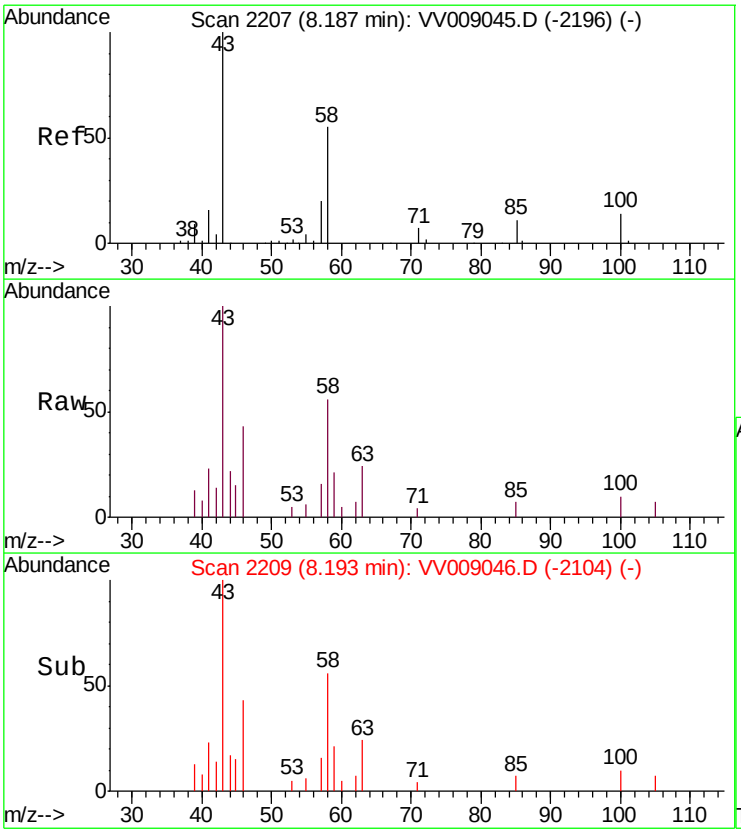
#25
Chloroform
Concen: 0.597 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Instrument : MSVOA_V
ClientSampleId : VBLK72

Tgt Ion: 83 Resp: 4073

Ion	Ratio	Lower	Upper
83	100		
85	70.7	45.6	84.8

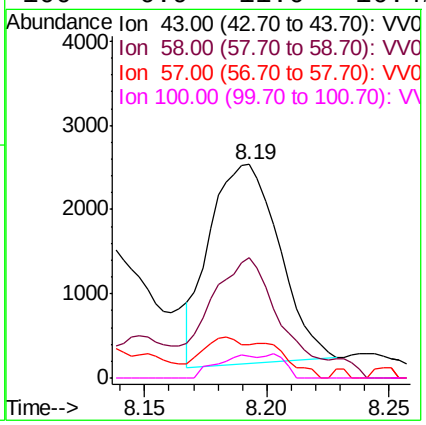


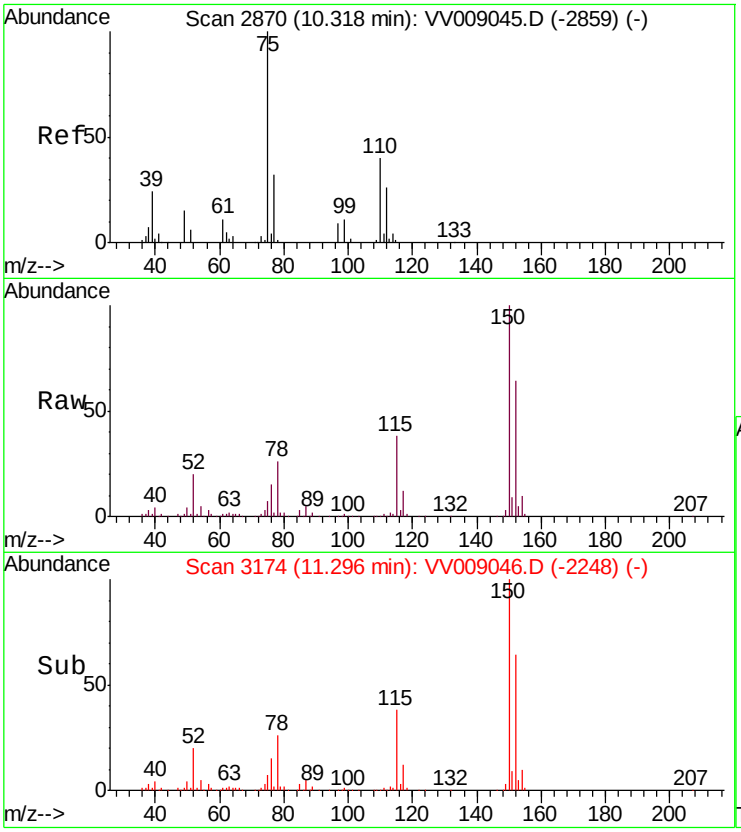


#49
2-Hexanone
Concen: 2.355 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Tgt Ion: 43 Resp: 4711

Ion	Ratio	Lower	Upper
43	100		
58	48.3	43.9	65.9
57	7.6	15.7	23.5#
100	6.9	11.0	16.4#



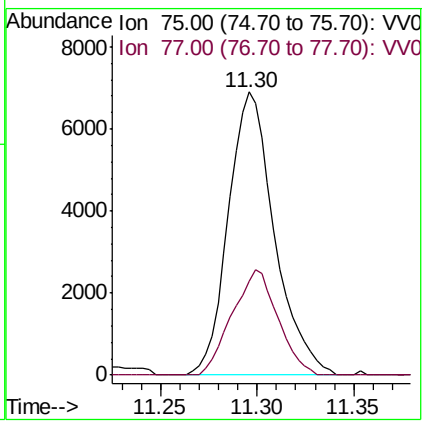


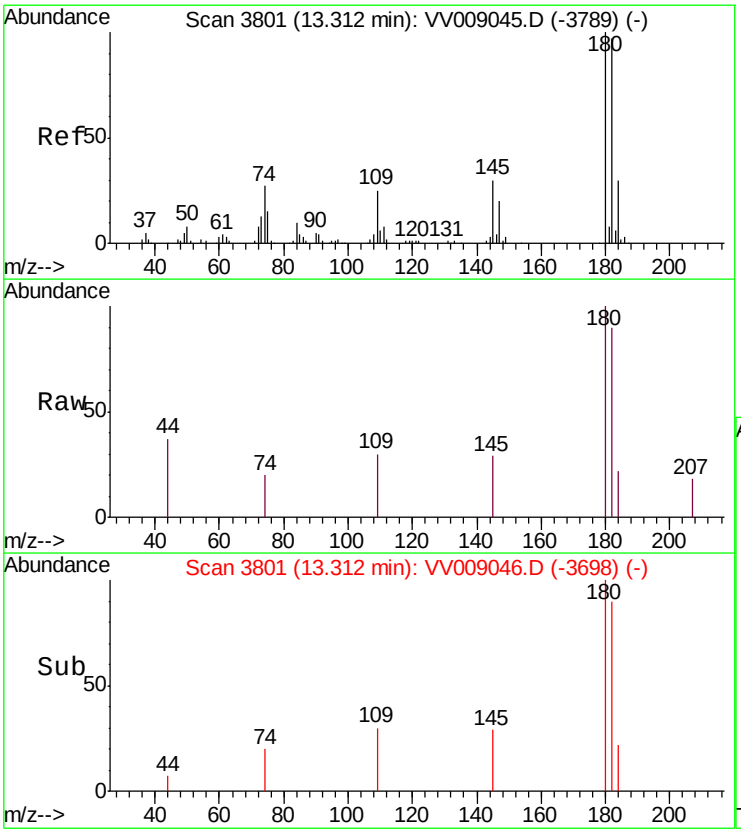
#59
1,2,3-Trichloropropane
Concen: 4.105 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Instrument : MSVOA_V
ClientSampleId : VBLK72

Tgt Ion: 75 Resp: 11446

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.6	38.4

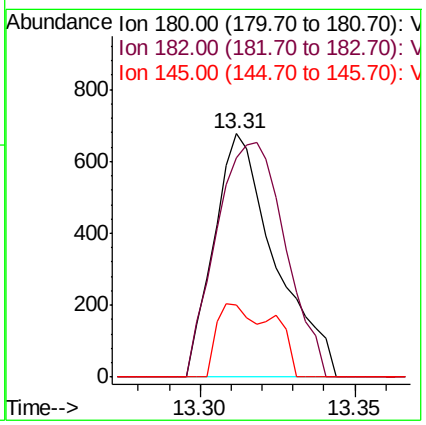


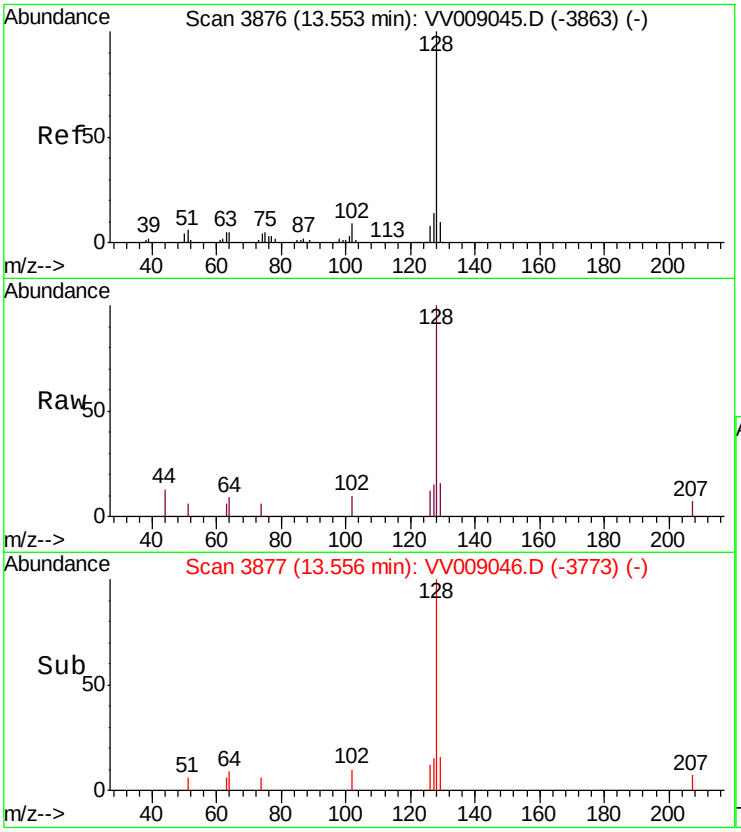


#68
1,2,4-trichlorobenzene
Concen: 0.275 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Tgt Ion:180 Resp: 932

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.4	116.0#
145	18.0	25.6	38.4#





#69
Naphthalene
Concen: 0.568 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009046.D
Acq: 19 Dec 2018 12:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Tgt Ion:128 Resp: 3319

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	13.0
127	9.9	10.0	15.0#