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

Quantitation Report (Not Reviewed)

Data File : VV009099.D
Acq On : 20 Dec 2018 23:00
Operator : SY/MD
Sample : J6468-05
Misc : 5.36 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3RE

Quant Time: Dec 21 01:33:44 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	5.67	114	216975	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47929	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45818	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.64%			
7) Chloroethane-d5	1.58	69	50110	30.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.84%			
10) 1,1-Dichloroethene-d2	2.13	63	88238	15.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.88%			
20) 2-Butanone-d5	3.94	46	32743	40.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.10%			
24) Chloroform-d	4.40	84	137054	26.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.08%			
26) 1,2-Dichloroethane-d4	5.08	65	80638	28.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.32%			
29) Benzene-d6	5.10	84	258876	27.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.84%			
33) 1,2-Dichloropropane-d6	6.12	67	82943	31.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.84%#			
37) Toluene-d8	7.36	98	215829	24.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.84%			
38) trans-1,3-Dichloropropene-	7.67	79	26847	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.44%			
39) 2-Hexanone-d5	8.14	63	19311	40.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.60%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56707	25.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.36%			
61) 1,2-Dichlorobenzene-d4	11.67	152	48362	26.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.56%			

Target Compounds						Qvalue
13) Acetone	2.20	43	928	0.771	ug/L	90
16) Methylene chloride	2.54	84	5475	1.498	ug/L	90
21) 2-Butanone	3.99	43	2640	2.339	ug/L #	52
22) cis-1,2-Dichloroethene	3.96	96	2051	0.651	ug/L	94
25) Chloroform	4.43	83	4232	0.805	ug/L #	61
35) Trichloroethene	5.96	95	8478	2.806	ug/L	97
36) Methylcyclohexane	6.12	83	21103	4.379	ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	2380	0.676	ug/L	85
49) 2-Hexanone	8.18	43	8112	6.030	ug/L #	62
59) 1,2,3-Trichloropropane	11.29	75	5209	2.778	ug/L	94
69) Naphthalene	13.56	128	940	0.349	ug/L #	70

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

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

Quantitation Report (Not Reviewed)

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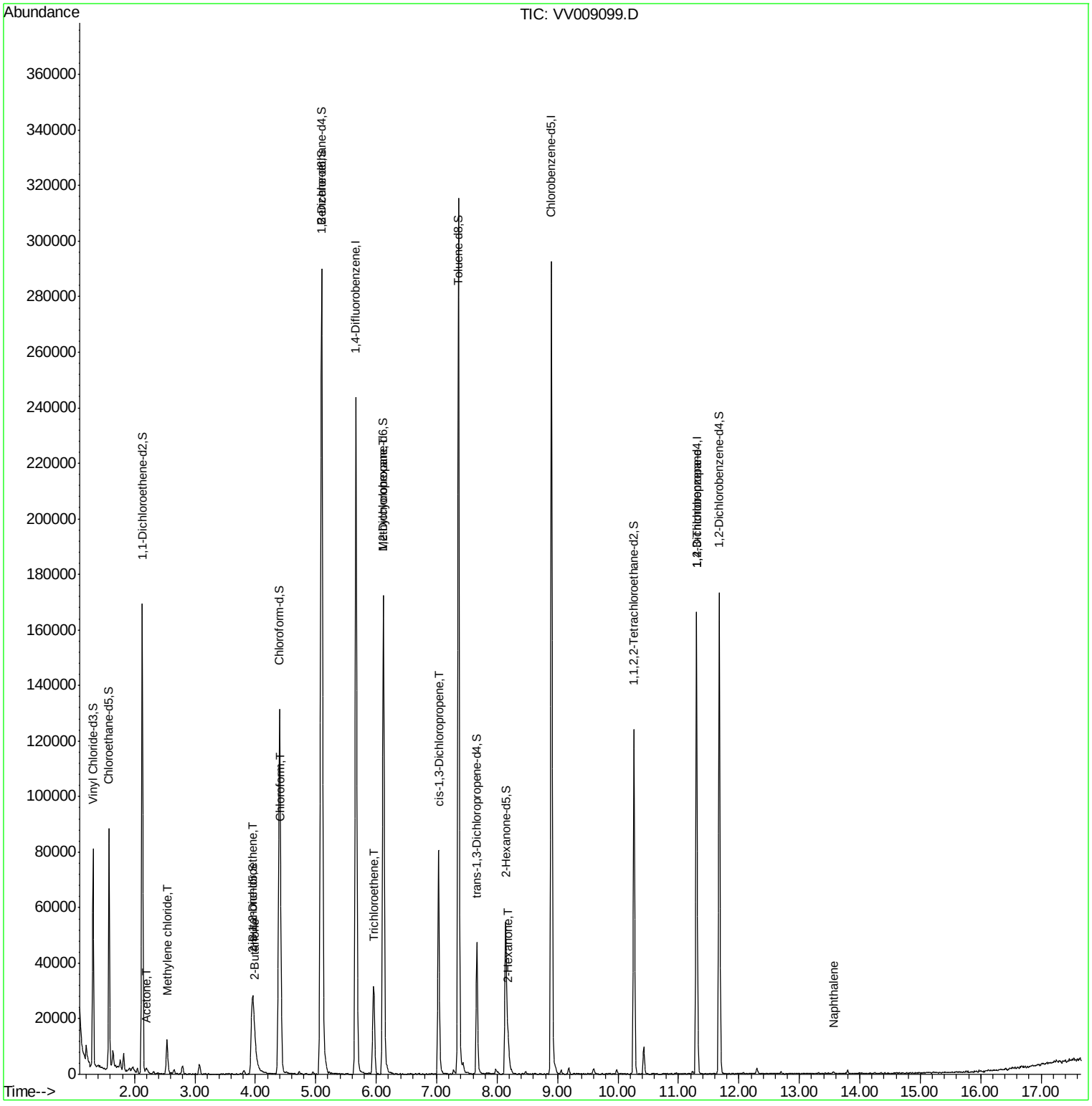
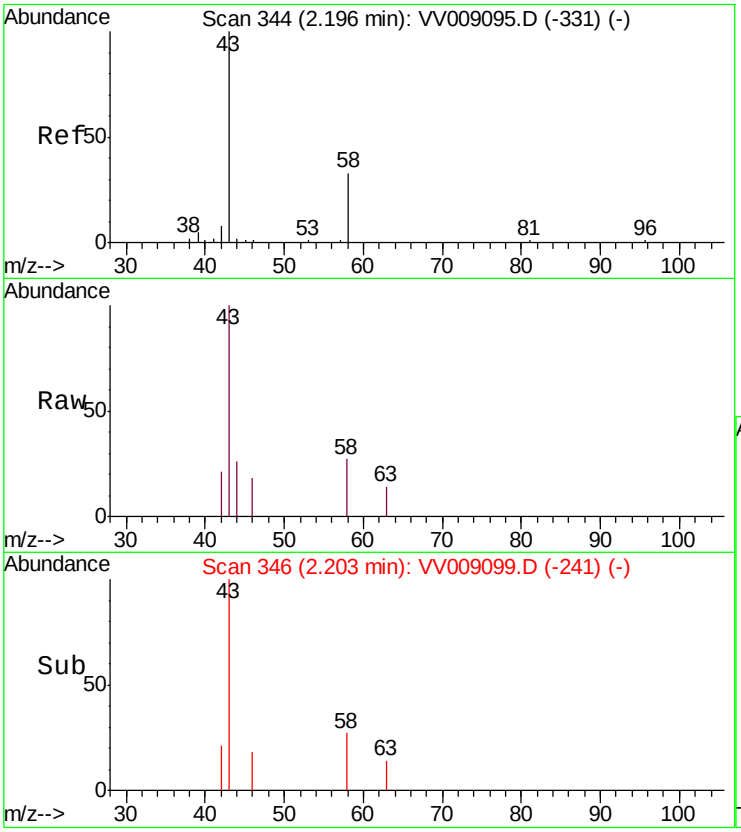
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration



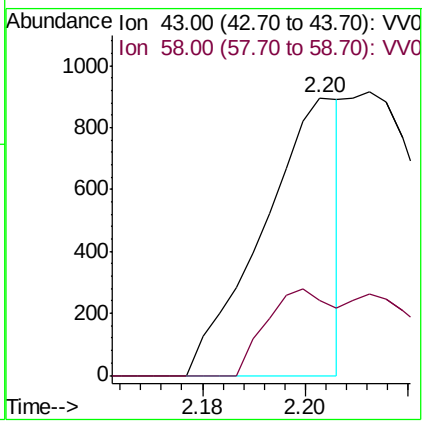


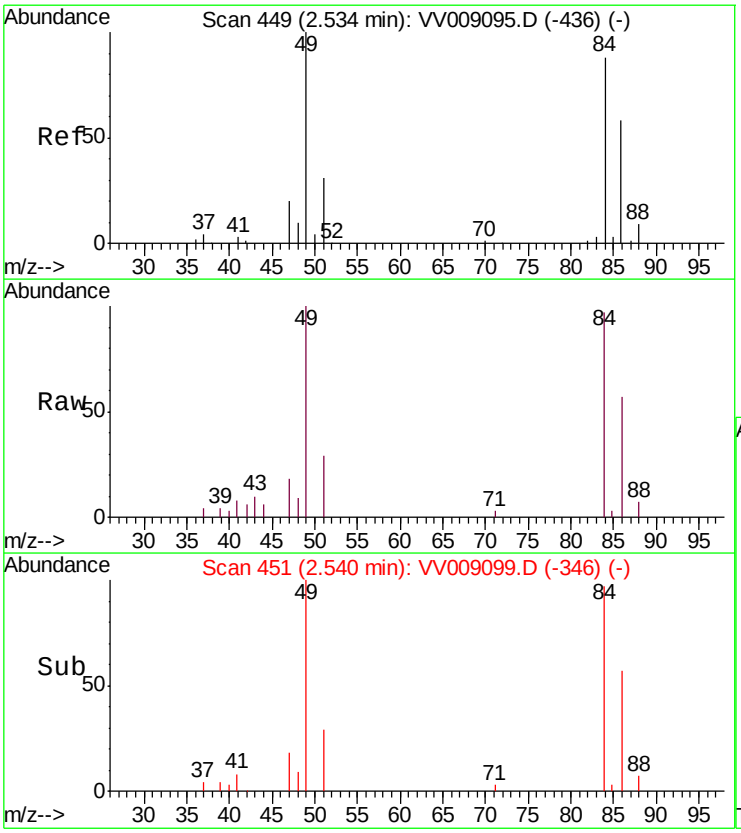
#13
Acetone
Concen: 0.771 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.01 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument : MSVOA_V
ClientSampleId : C0JG3RE

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	65.4

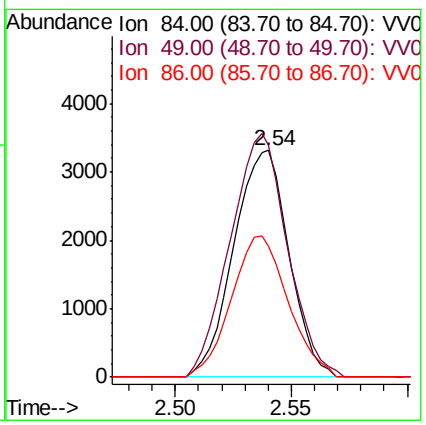


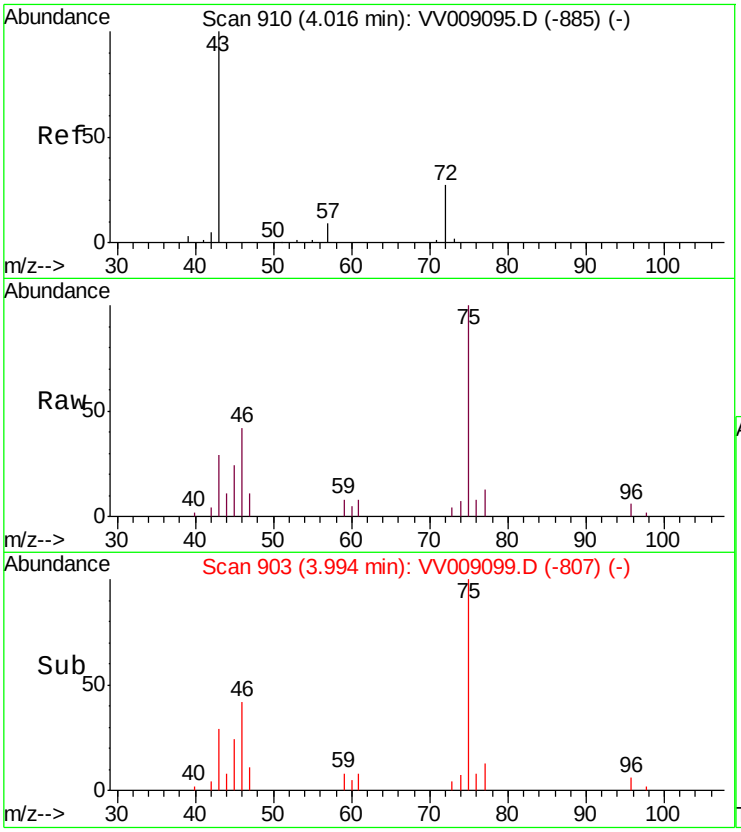


#16
Methylene chloride
Concen: 1.498 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Tgt Ion: 84 Resp: 5475

Ion	Ratio	Lower	Upper
84	100		
49	102.7	80.5	149.5
86	58.0	45.5	84.5



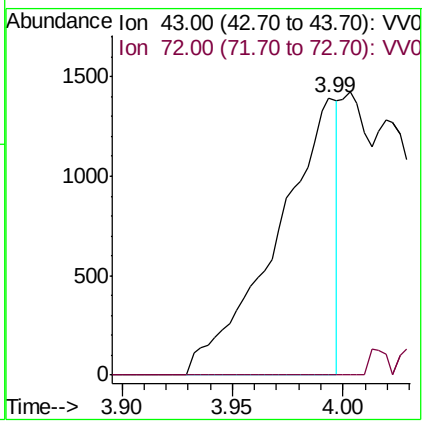


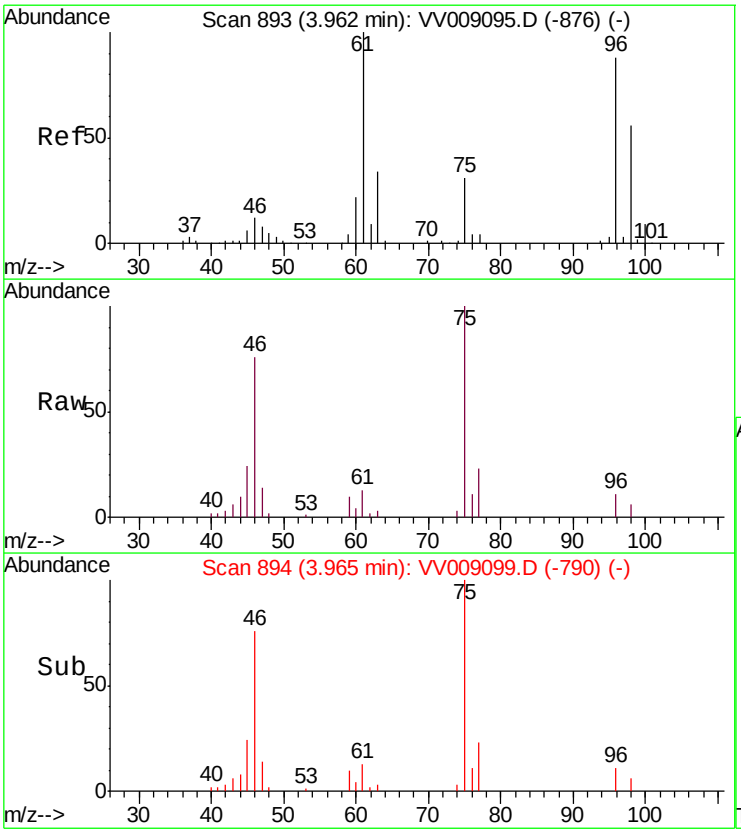
#21
2-Butanone
Concen: 2.339 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.02 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument :
MSVOA_V
ClientSampleId :
C0JG3RE

Tgt Ion: 43 Resp: 2640

Ion	Ratio	Lower	Upper
43	100		
72	2.6	13.7	41.1#

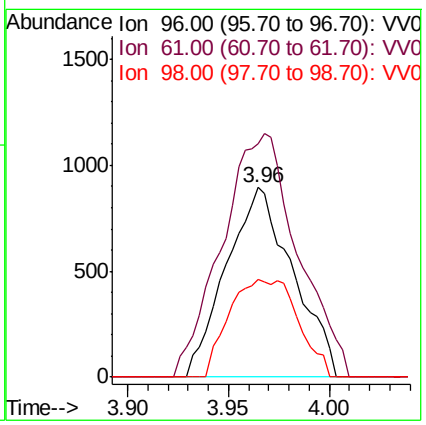


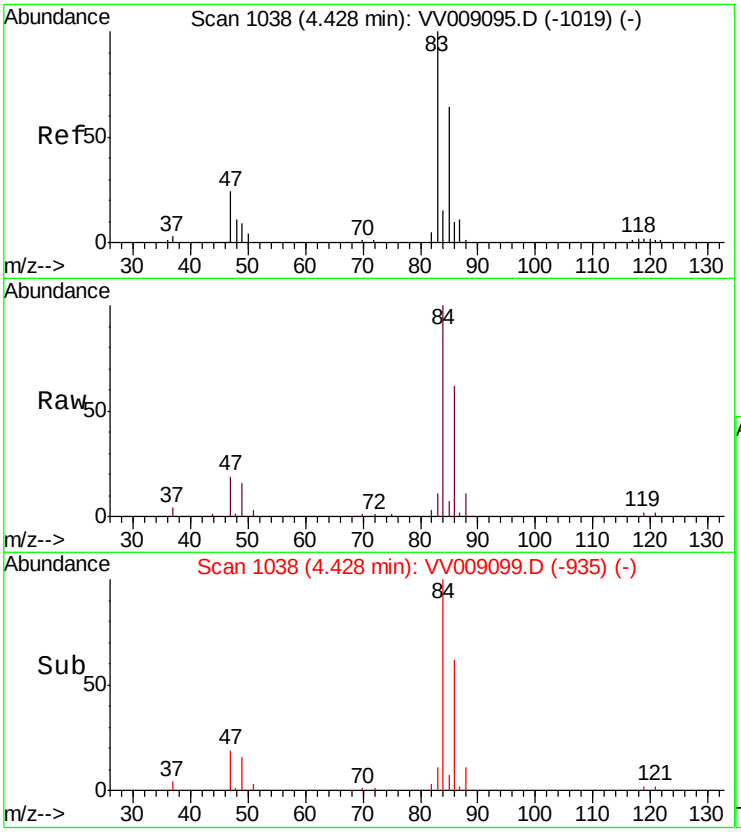


#22
cis-1,2-Dichloroethene
Concen: 0.651 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Tgt Ion: 96 Resp: 2051

Ion	Ratio	Lower	Upper
96	100		
61	123.3	86.2	160.0
98	51.5	45.6	84.6



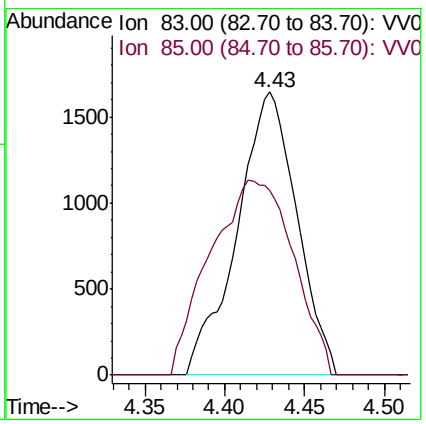


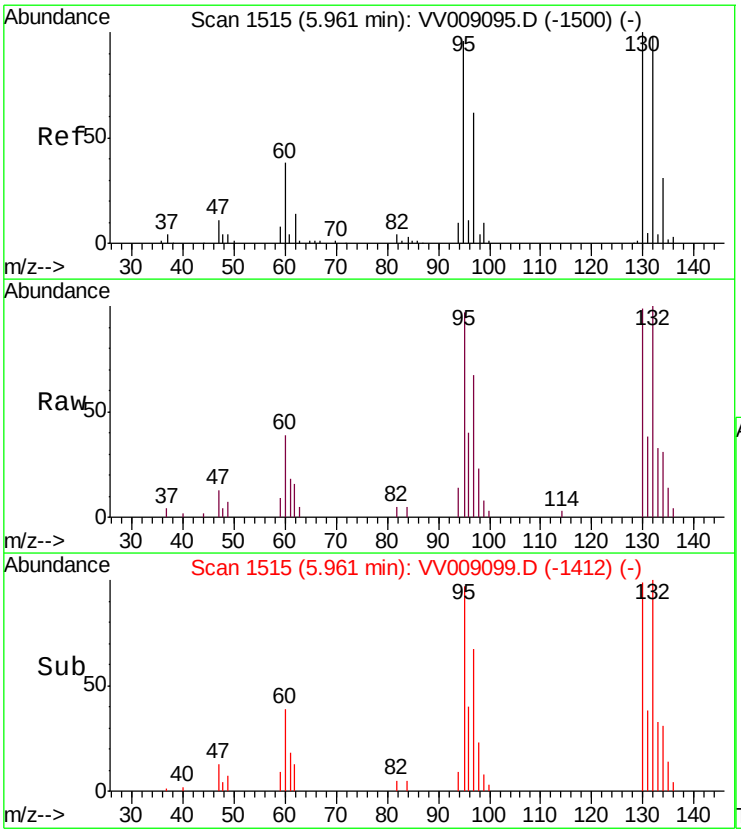
#25
Chloroform
Concen: 0.805 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument : MSVOA_V
ClientSampleId : C0JG3RE

Tgt Ion: 83 Resp: 4232

Ion	Ratio	Lower	Upper
83	100		
85	95.7	45.6	84.8#

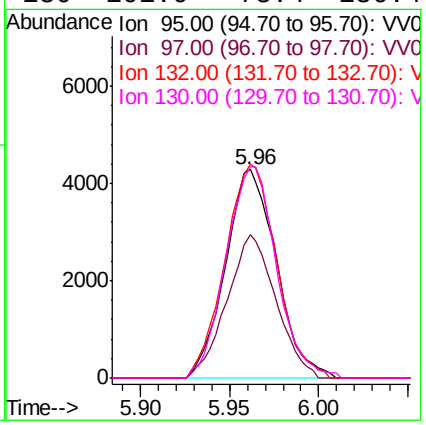


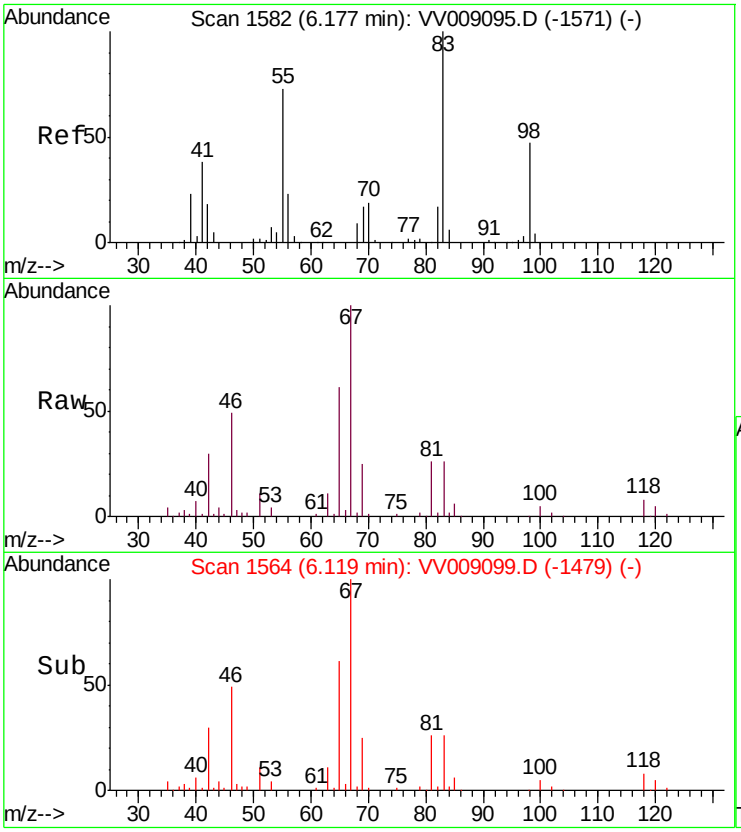


#35
Trichloroethene
Concen: 2.806 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Tgt Ion: 95 Resp: 8478

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.3	84.1
132	103.8	70.0	130.0
130	101.0	73.4	136.4



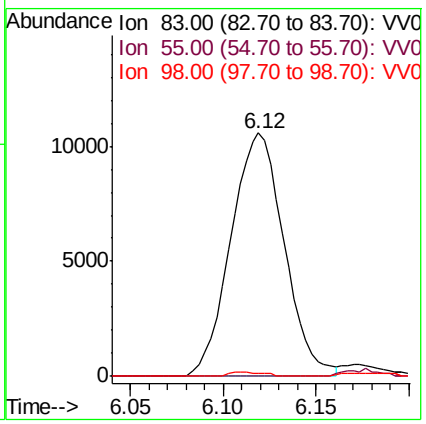


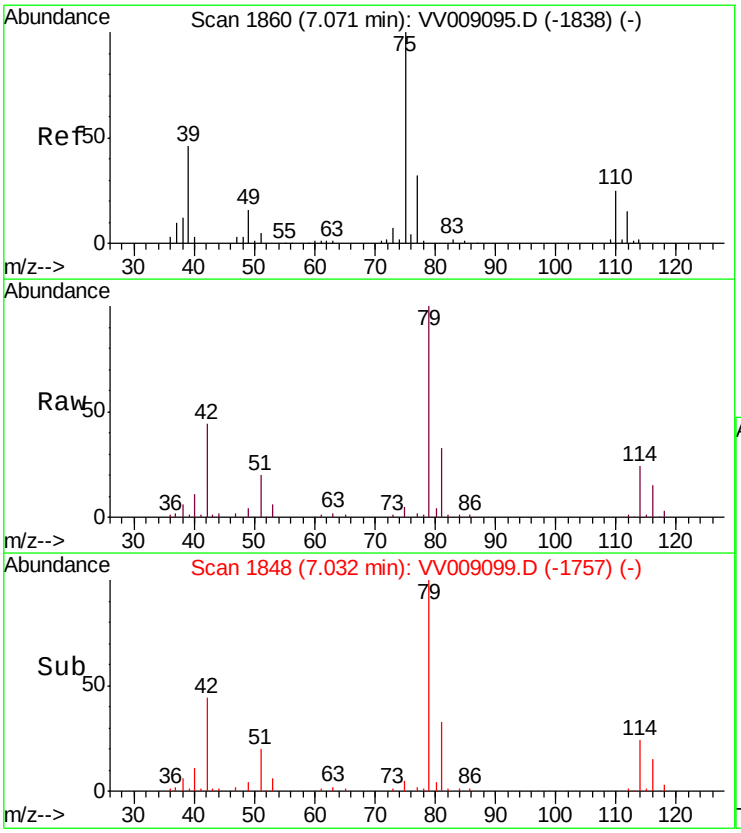
#36
Methylcyclohexane
Concen: 4.379 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument : MSVOA_V
ClientSampleId : C0JG3RE

Tgt Ion: 83 Resp: 21103

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.2#
98	0.8	37.8	56.8#

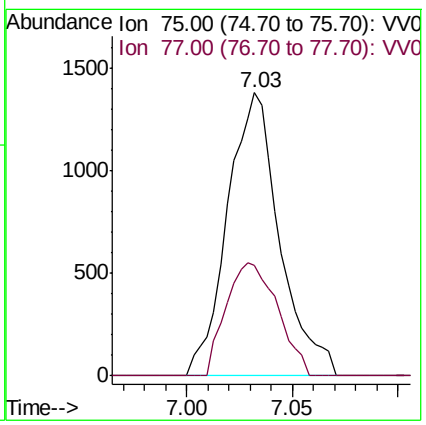


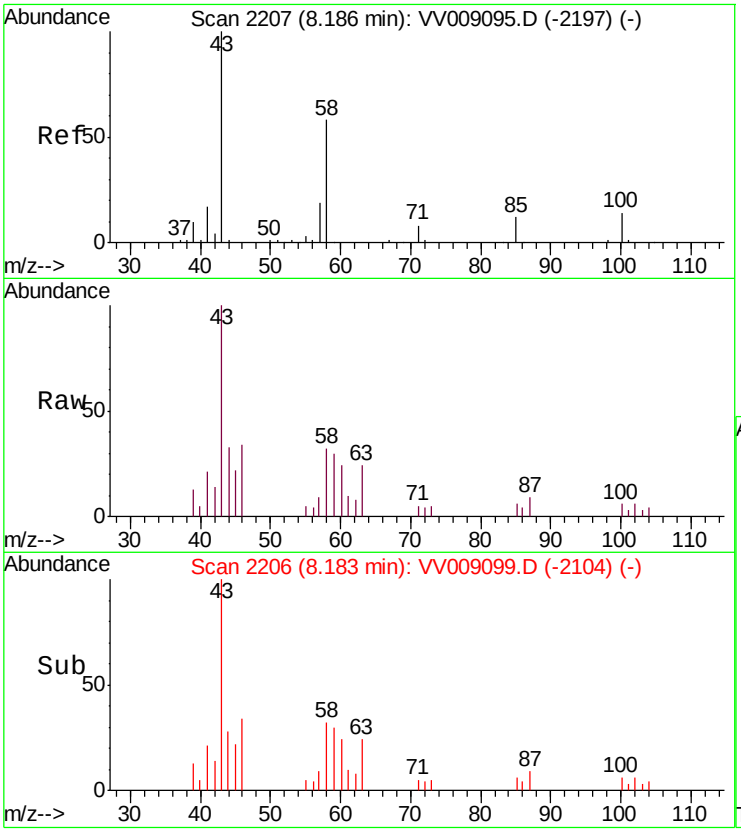


#42
cis-1,3-Dichloropropene
Concen: 0.676 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Tgt Ion: 75 Resp: 2380

Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.3	39.6



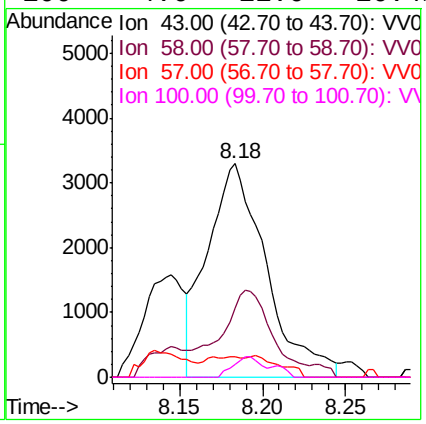


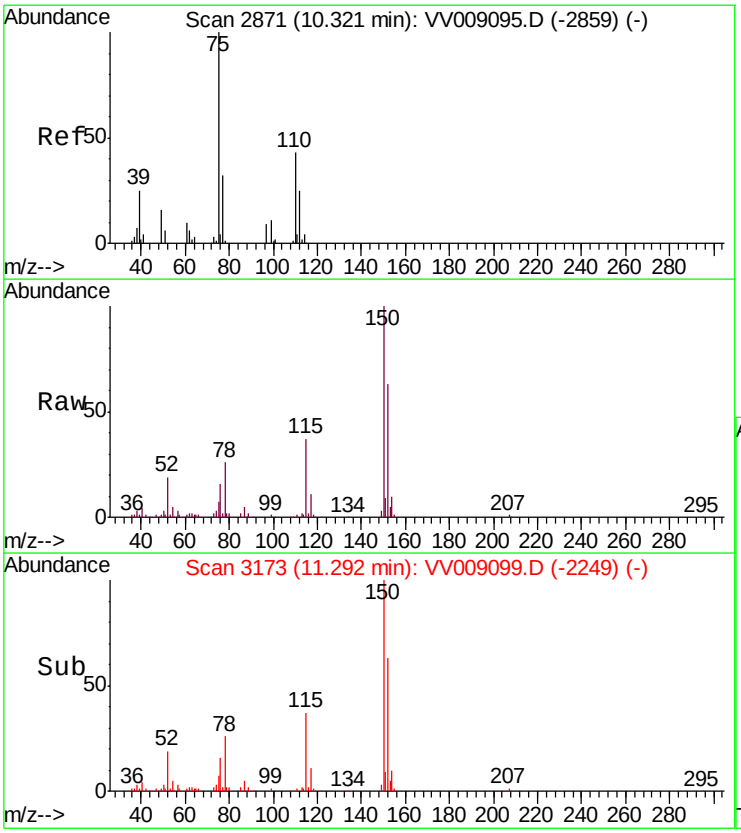
#49
2-Hexanone
Concen: 6.030 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument : MSVOA_V
ClientSampleId : C0JG3RE

Tgt Ion: 43 Resp: 8112

Ion	Ratio	Lower	Upper
43	100		
58	24.9	43.9	65.9#
57	0.9	15.7	23.5#
100	4.6	11.0	16.4#

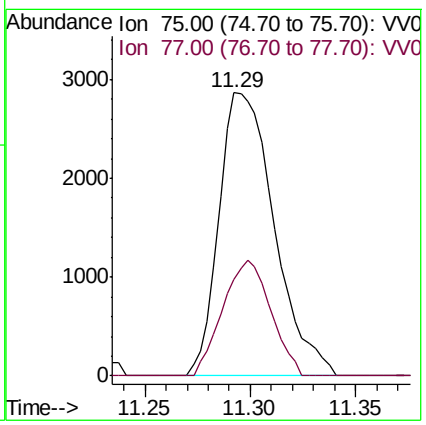


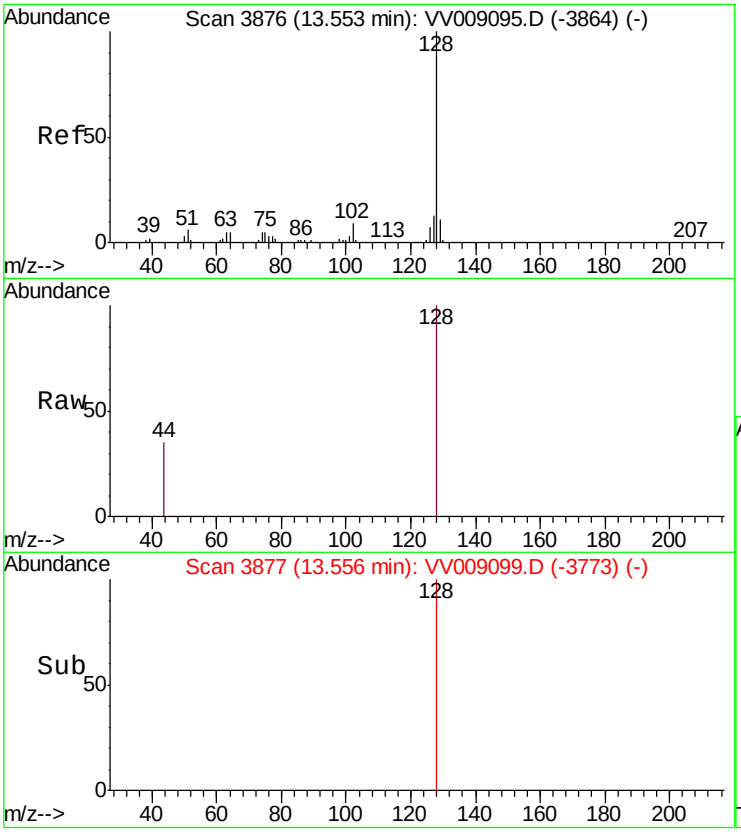


#59
1,2,3-Trichloropropane
Concen: 2.778 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Tgt Ion: 75 Resp: 5209

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.6	38.4





#69
Naphthalene
Concen: 0.349 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009099.D
Acq: 20 Dec 2018 23:00

Instrument :
MSVOA_V
ClientSampleId :
C0JG3RE

Tgt Ion:128 Resp: 940

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.0	15.0#