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

Quantitation Report (Not Reviewed)

Data File : VV009097.D
Acq On : 20 Dec 2018 22:11
Operator : SY/MD
Sample : J6468-03
Misc : 6.61 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG1

Quant Time: Dec 21 01:33:09 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	251232	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86031	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	51288	19.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.92%			
7) Chloroethane-d5	1.58	69	52321	27.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.96%			
10) 1,1-Dichloroethene-d2	2.13	63	100849	15.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.08%			
20) 2-Butanone-d5	3.94	46	40565	42.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.72%			
24) Chloroform-d	4.40	84	151917	25.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.08	65	90445	27.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%			
29) Benzene-d6	5.10	84	298777	24.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.52%			
33) 1,2-Dichloropropane-d6	6.12	67	93519	27.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.24%			
37) Toluene-d8	7.36	98	262438	23.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.44%			
38) trans-1,3-Dichloropropene-	7.66	79	38401	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.96%			
39) 2-Hexanone-d5	8.14	63	25200	40.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68841	24.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	82327	25.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
13) Acetone	2.20	43	12926	9.269	ug/L	91
16) Methylene chloride	2.53	84	5840	1.380	ug/L	95
21) 2-Butanone	4.02	43	1991	1.523	ug/L	90
25) Chloroform	4.42	83	5305	0.871	ug/L #	49
30) Cyclohexane	4.72	56	12610	2.329	ug/L #	61
36) Methylcyclohexane	6.17	83	26710	4.312	ug/L #	75
49) 2-Hexanone	8.19	43	2975	1.721	ug/L #	94
57) Isopropylbenzene	9.98	105	6490	0.463	ug/L #	88
58) 1,1,2,2-Tetrachloroethane	10.28	83	2450	0.880	ug/L #	54
68) 1,2,4-trichlorobenzene	13.31	180	1052	0.375	ug/L #	1
69) Naphthalene	13.56	128	4647	0.962	ug/L #	85
70) 1,2,3-Trichlorobenzene	13.80	180	1140	0.440	ug/L #	1

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

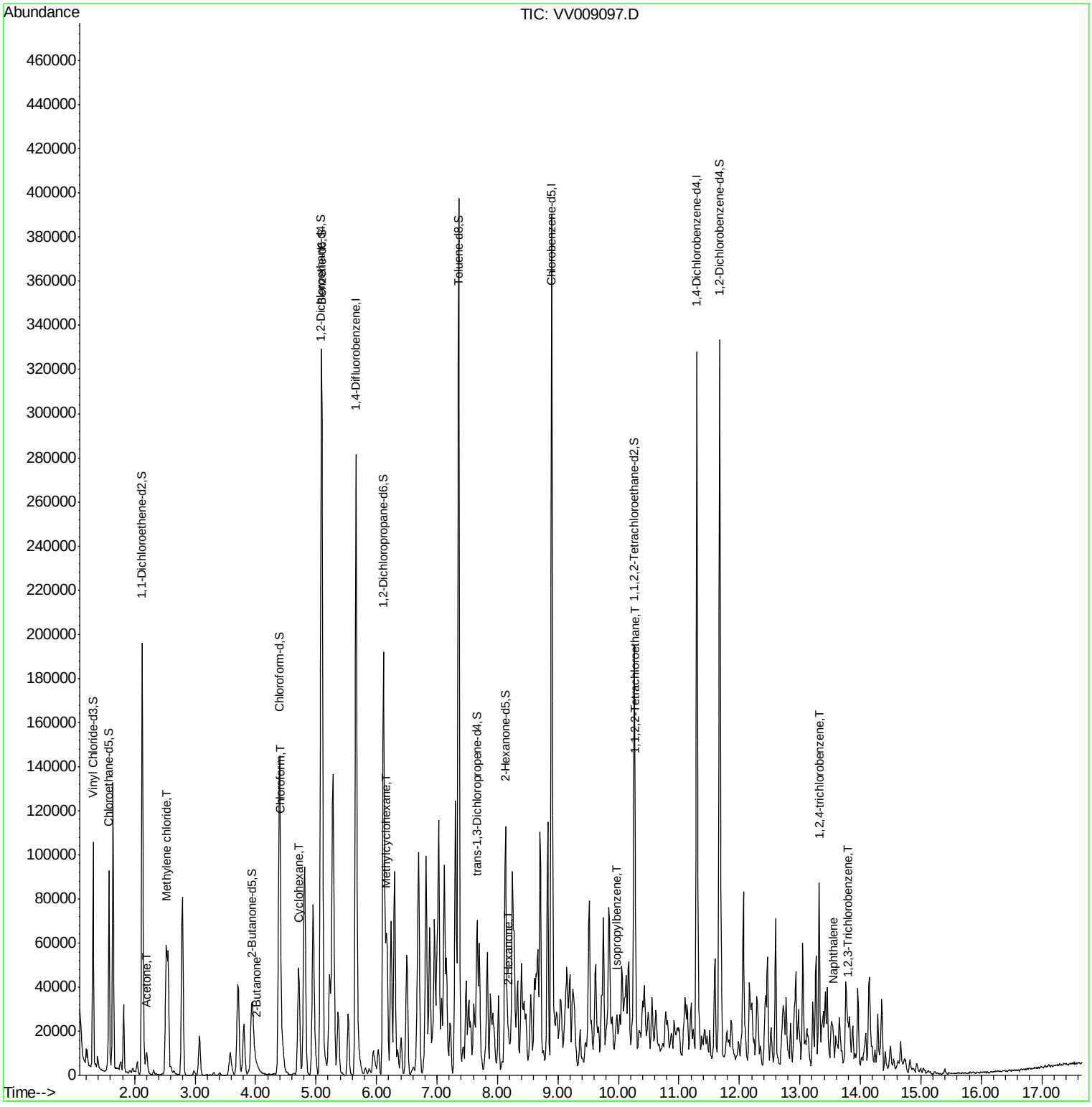
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

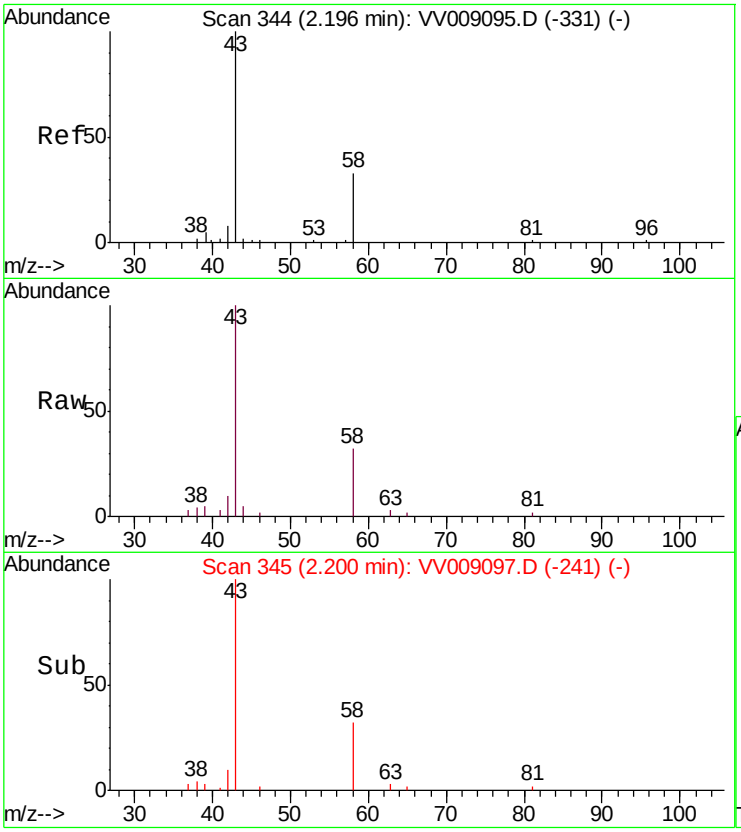
Quantitation Report (Not Reviewed)

Data File : VV009097.D
Acq On : 20 Dec 2018 22:11
Operator : SY/MD
Sample : J6468-03
Misc : 6.61 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG1

Quant Time: Dec 21 01:33:09 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



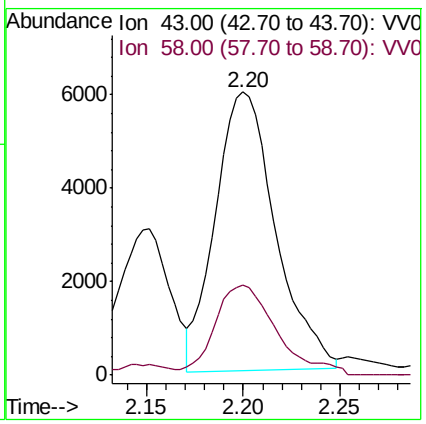


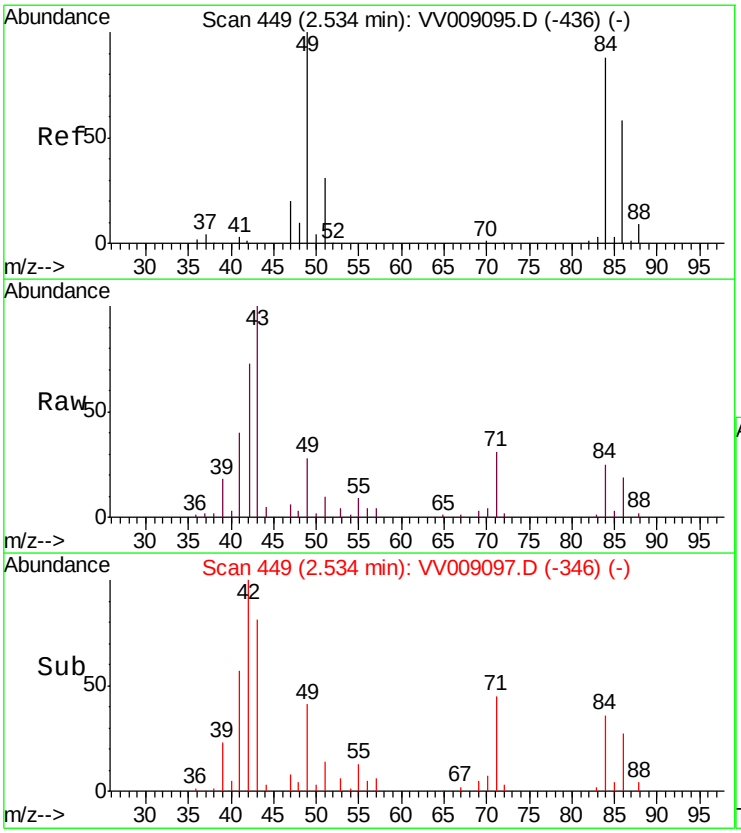
#13
Acetone
Concen: 9.269 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument : MSVOA_V
ClientSampleId : C0JG1

Tgt Ion: 43 Resp: 12926

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	65.4

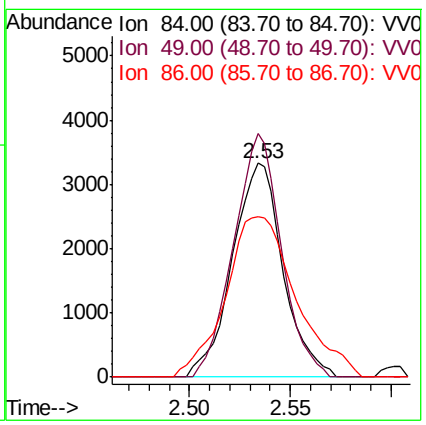


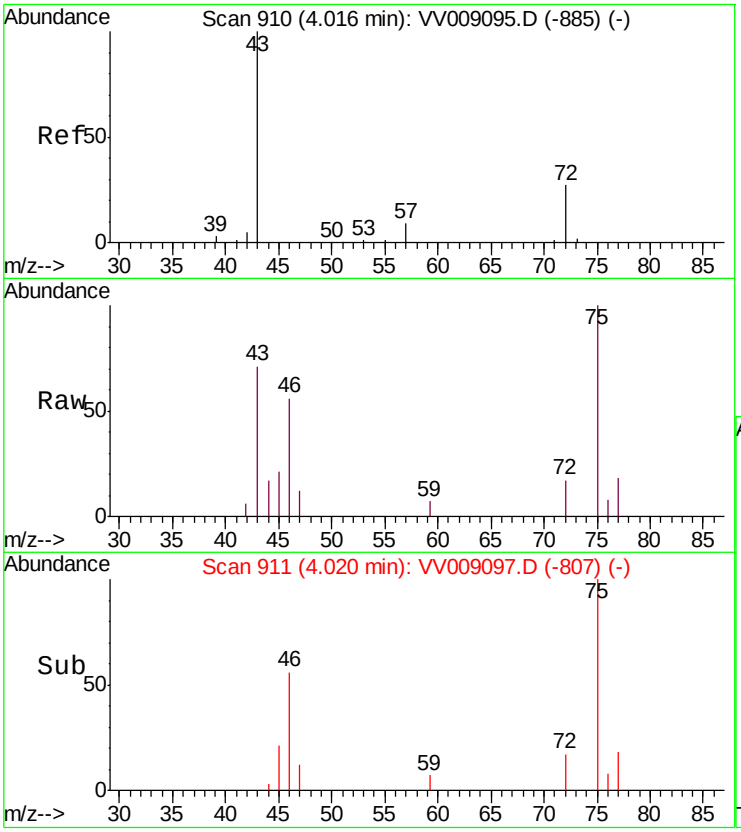


#16
Methylene chloride
Concen: 1.380 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion: 84 Resp: 5840

Ion	Ratio	Lower	Upper
84	100		
49	113.9	80.5	149.5
86	74.9	45.5	84.5



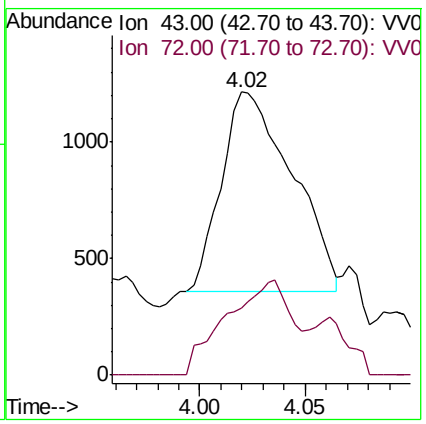


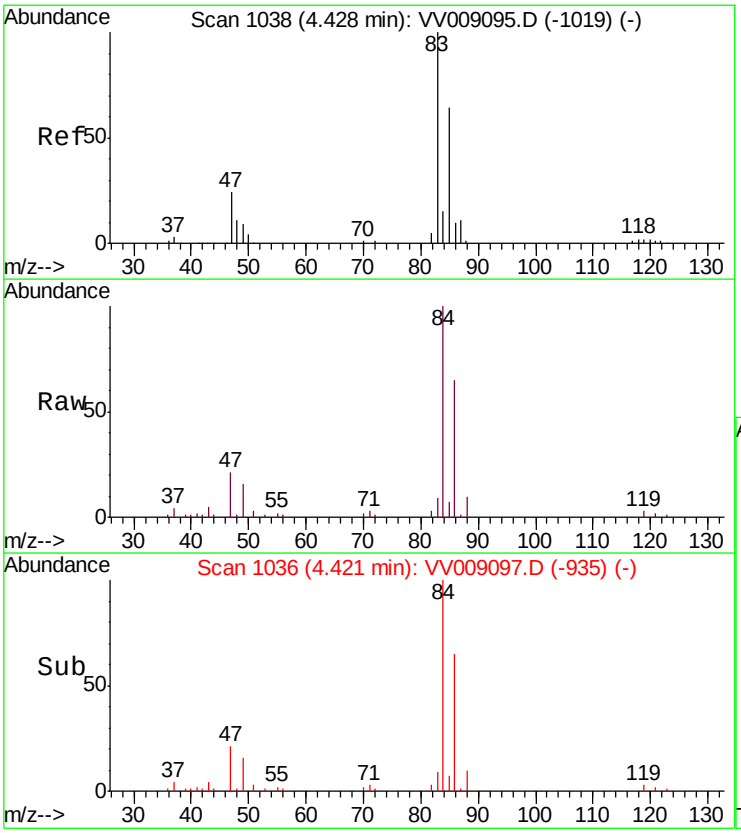
#21
2-Butanone
Concen: 1.523 ug/L
RT: 4.02 min Scan# 911
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument :
MSVOA_V
ClientSampleId :
C0JG1

Tgt Ion: 43 Resp: 1991

Ion	Ratio	Lower	Upper
43	100		
72	22.3	13.7	41.1

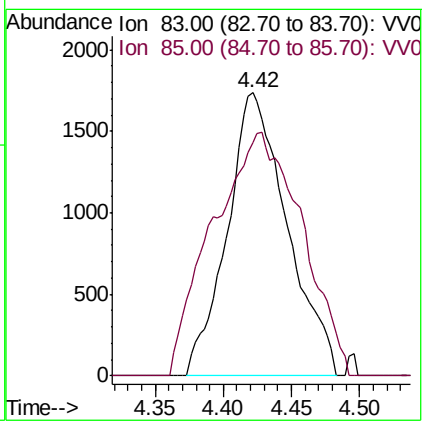


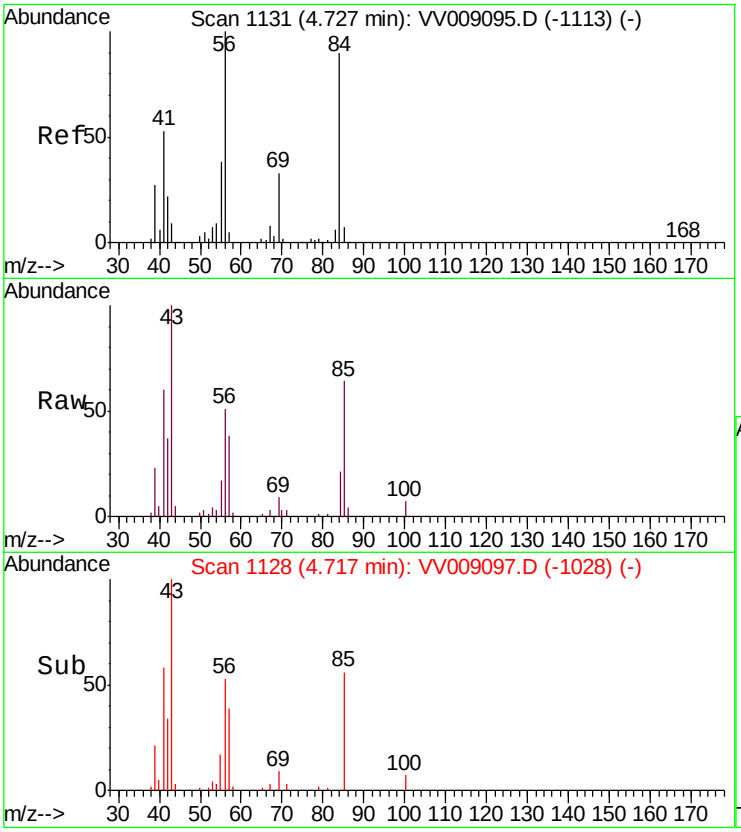


#25
Chloroform
Concen: 0.871 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion: 83 Resp: 5305

Ion	Ratio	Lower	Upper
83	100		
85	25.1	45.6	84.8#



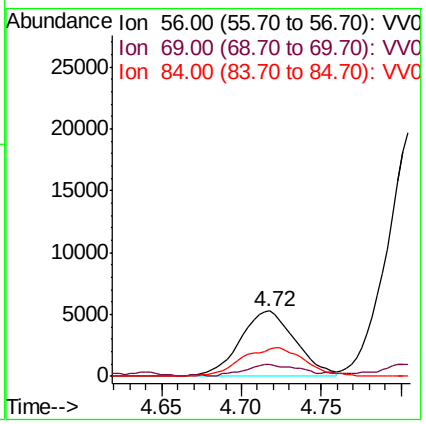


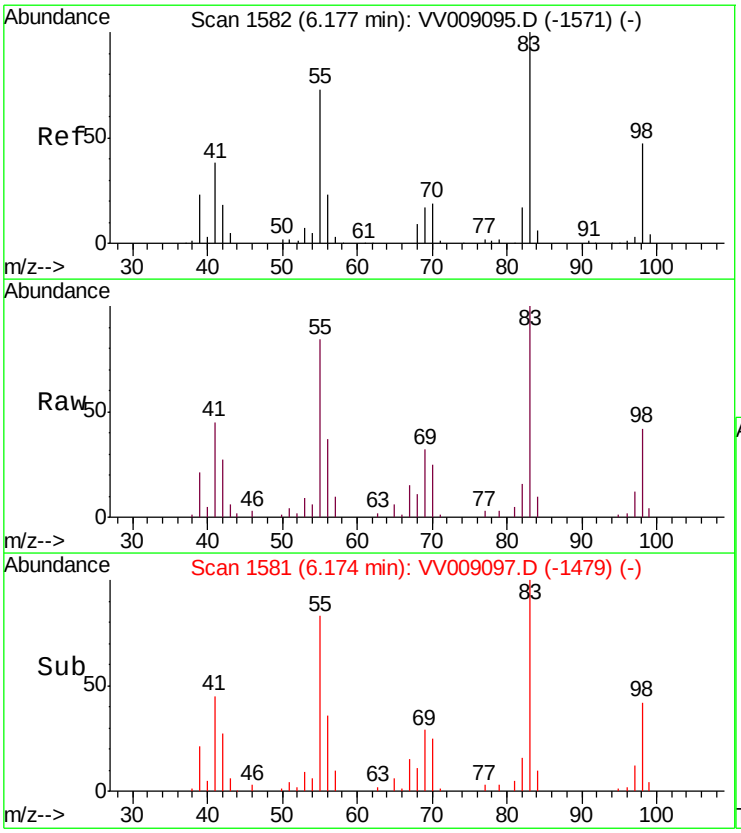
#30
Cyclohexane
Concen: 2.329 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument :
MSVOA_V
ClientSampleId :
C0JG1

Tgt Ion: 56 Resp: 12610

Ion	Ratio	Lower	Upper
56	100		
69	17.4	25.8	38.8#
84	49.5	73.0	109.6#

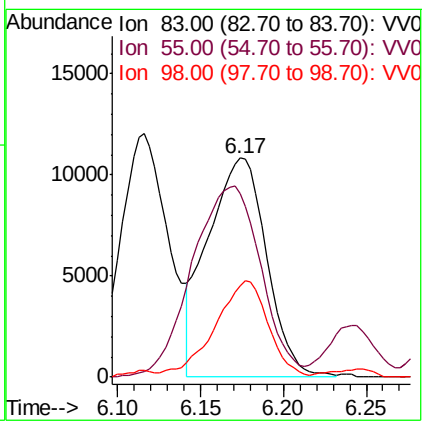


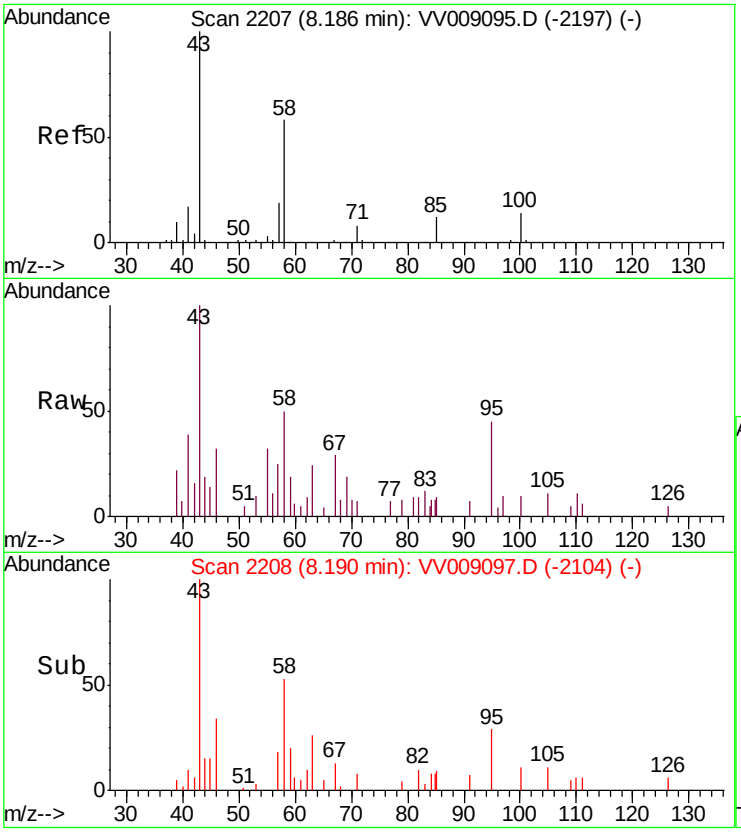


#36
Methylcyclohexane
Concen: 4.312 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion: 83 Resp: 26710

Ion	Ratio	Lower	Upper
83	100		
55	101.7	58.2	87.2#
98	39.9	37.8	56.8



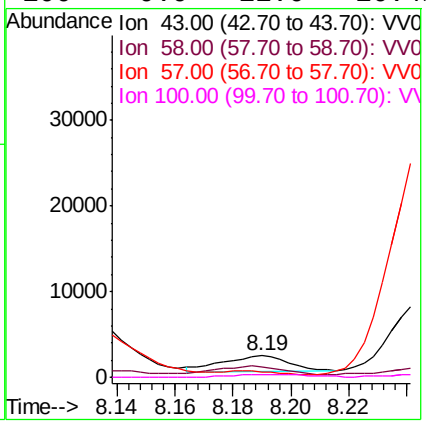


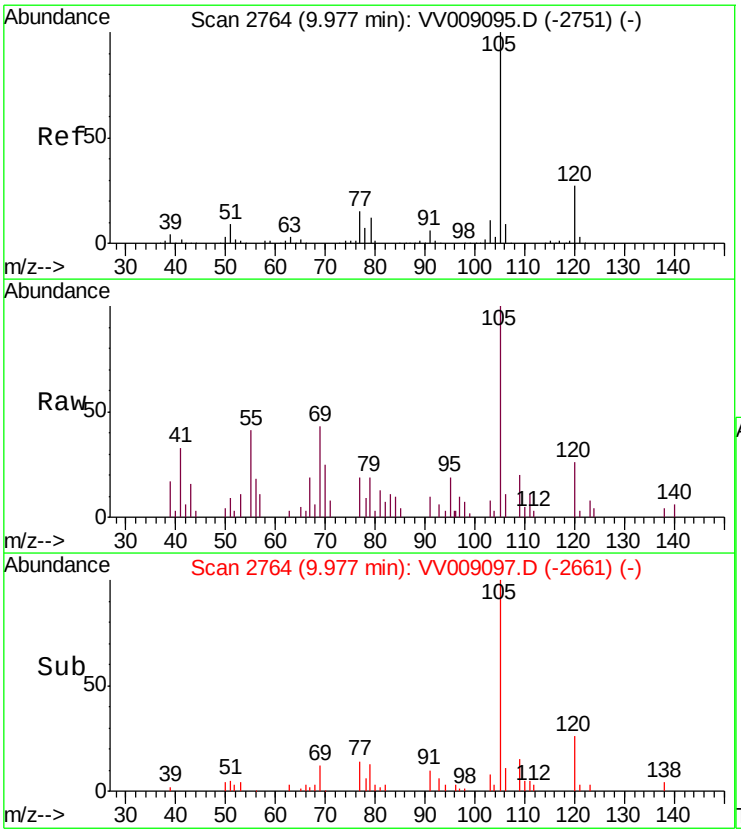
#49
2-Hexanone
Concen: 1.721 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument : MSVOA_V
ClientSampleId : C0JG1

Tgt Ion: 43 Resp: 2975

Ion	Ratio	Lower	Upper
43	100		
58	58.3	43.9	65.9
57	17.1	15.7	23.5
100	9.9	11.0	16.4#

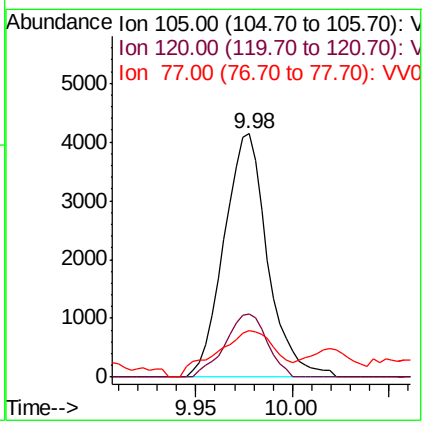


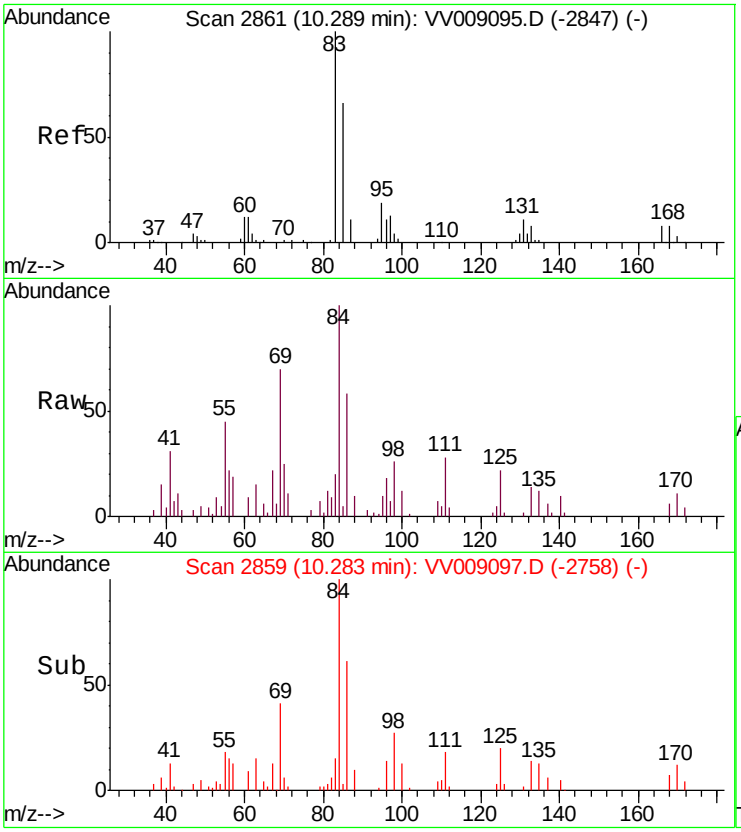


#57
Isopropylbenzene
Concen: 0.463 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion:105 Resp: 6490

Ion	Ratio	Lower	Upper
105	100		
120	24.9	21.7	32.5
77	25.7	12.4	18.6#



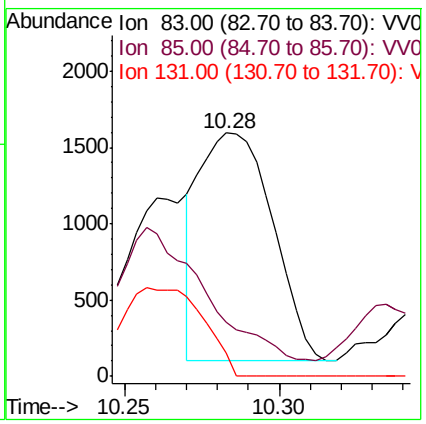


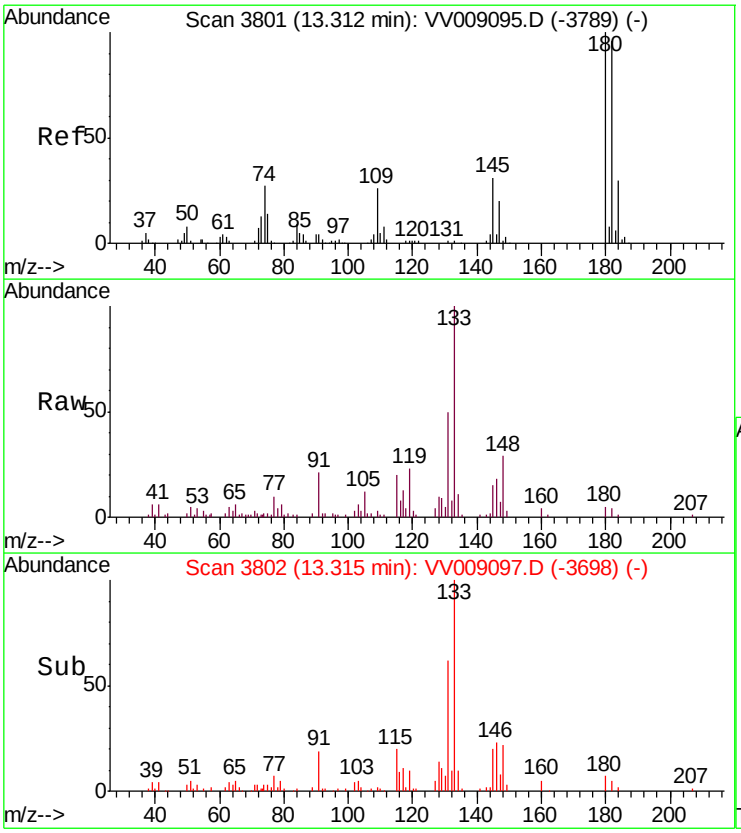
#58
1,1,2,2-Tetrachloroethane
Concen: 0.880 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. -0.01 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument :
MSVOA_V
ClientSampleId :
C0JG1

Tgt Ion: 83 Resp: 2450

Ion	Ratio	Lower	Upper
83	100		
85	22.0	44.3	82.3#
131	9.7	7.8	11.8

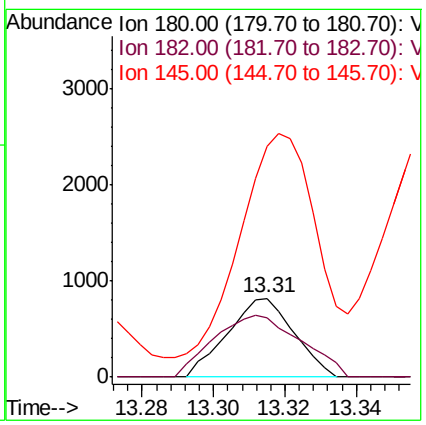


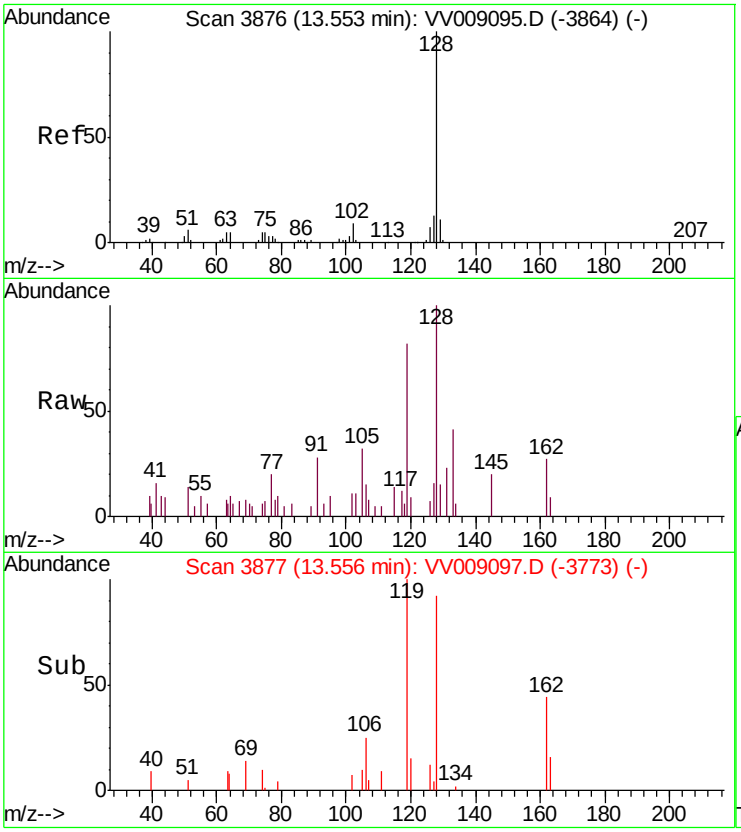


#68
1,2,4-trichlorobenzene
Concen: 0.375 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion:180 Resp: 1052

Ion	Ratio	Lower	Upper
180	100		
182	103.1	77.4	116.0
145	323.4	25.6	38.4#



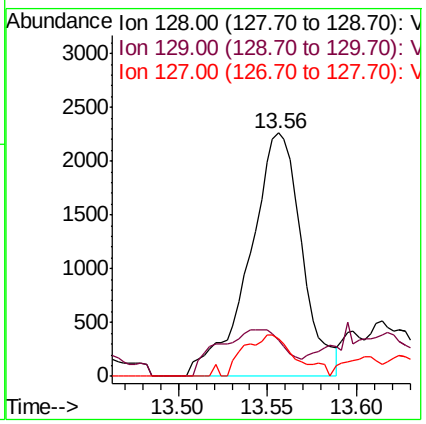


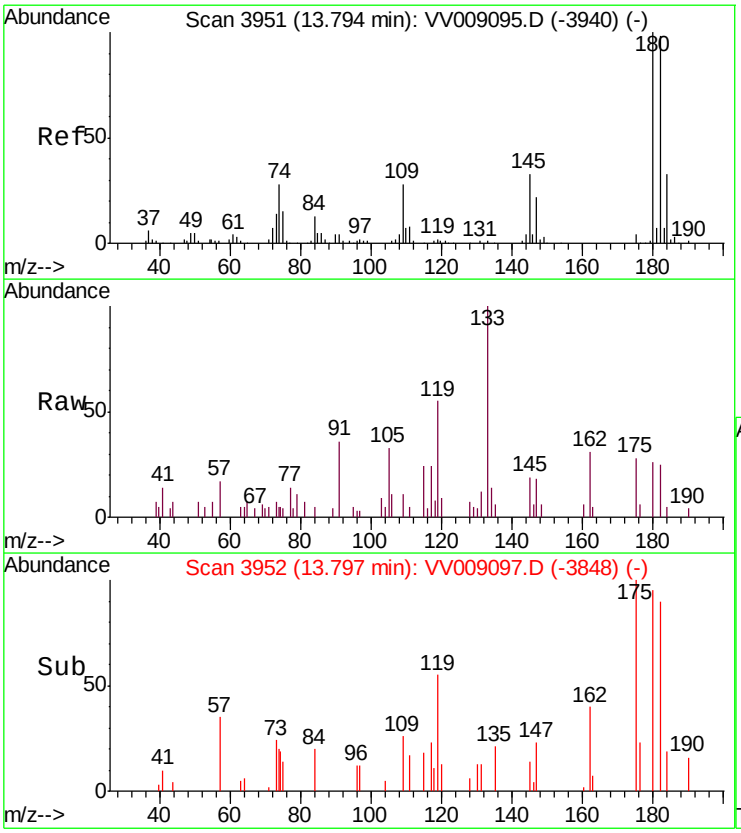
#69
Naphthalene
Concen: 0.962 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Instrument :
MSVOA_V
ClientSampleId :
C0JG1

Tgt Ion:128 Resp: 4647

Ion	Ratio	Lower	Upper
128	100		
129	2.5	8.6	13.0#
127	9.1	10.0	15.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.440 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009097.D
Acq: 20 Dec 2018 22:11

Tgt Ion:180 Resp: 1140

Ion	Ratio	Lower	Upper
180	100		
182	103.6	76.1	114.1
145	495.9	26.7	40.1#