Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
Data File : VV009098.D
Acq On : 20 Dec 2018 22:36
Operator : SY/MD
Sample : J6468-04RE
Misc : 5.75 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Quant Time: Dec 21 01:53:08 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	178463	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47798	25.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.52%			
7) Chloroethane-d5	1.58	69	51328	37.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 150.48%#			
10) 1,1-Dichloroethene-d2	2.13	63	87141	18.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.48%			
20) 2-Butanone-d5	3.94	46	35037	52.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.22%			
24) Chloroform-d	4.40	84	132888	30.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 123.88%			
26) 1,2-Dichloroethane-d4	5.08	65	72625	31.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 124.08%			
29) Benzene-d6	5.10	84	237719	44.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 179.56%#			
33) 1,2-Dichloropropane-d6	6.12	67	77955	52.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 210.36%#			
37) Toluene-d8	7.36	98	162969	33.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 133.04%#			
38) trans-1,3-Dichloropropene-	7.67	79	17613	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.16%			
39) 2-Hexanone-d5	8.14	63	15812	58.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45883	36.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.60%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	17765	35.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 140.52%#			
Target Compounds						Qvalue
13) Acetone	2.20	43	6378	6.438	ug/L	95
16) Methylene chloride	2.54	84	5051	1.681	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	4873	1.880	ug/L	79
30) Cyclohexane	4.72	56	3427	1.436	ug/L #	89
34) Benzene	5.15	78	11836	2.084	ug/L	100
35) Trichloroethene	5.96	95	2574	1.503	ug/L	97
36) Methylcyclohexane	6.18	83	4675	1.712	ug/L	95
44) Toluene	7.43	91	4390	0.737	ug/L	93

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

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QLast Update : Fri Dec 21 01:30:11 2018
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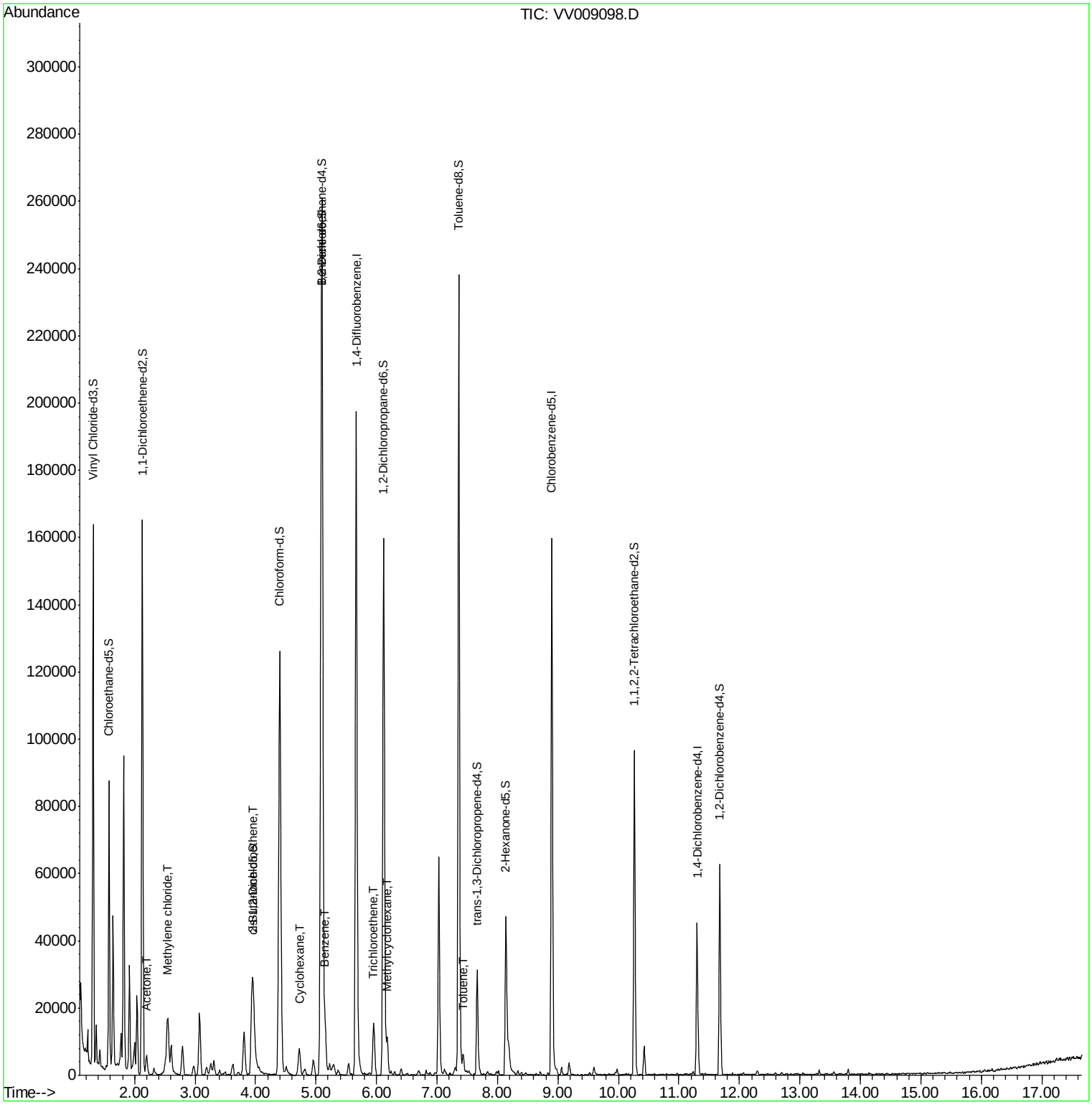
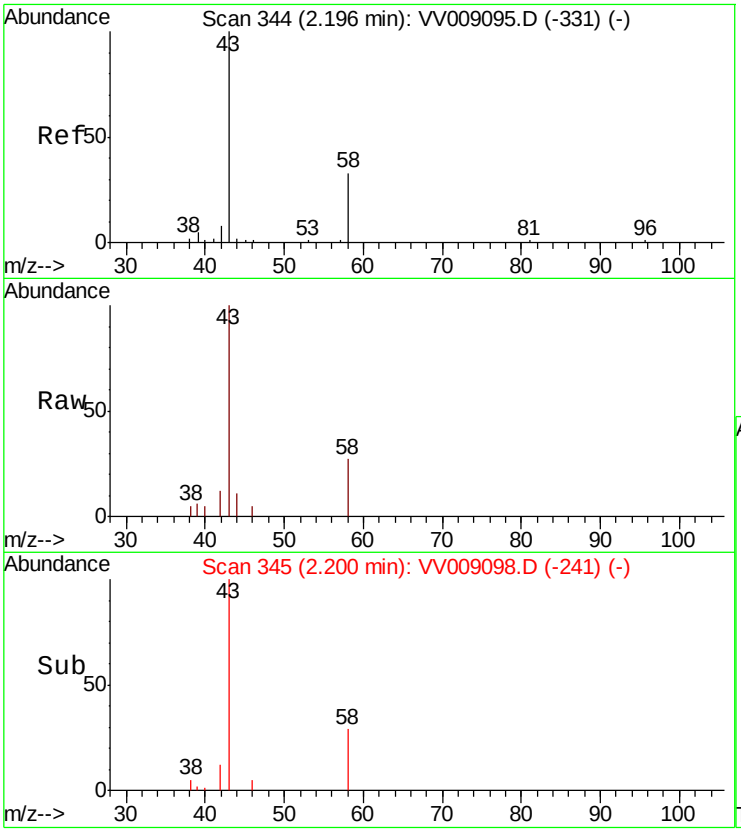


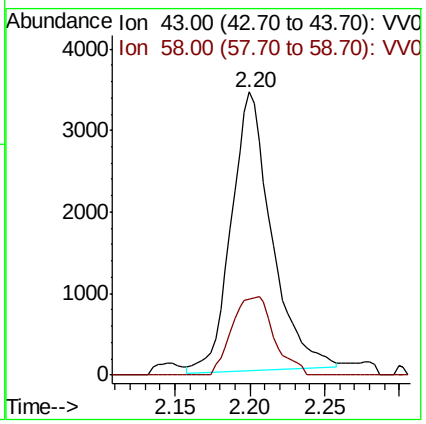


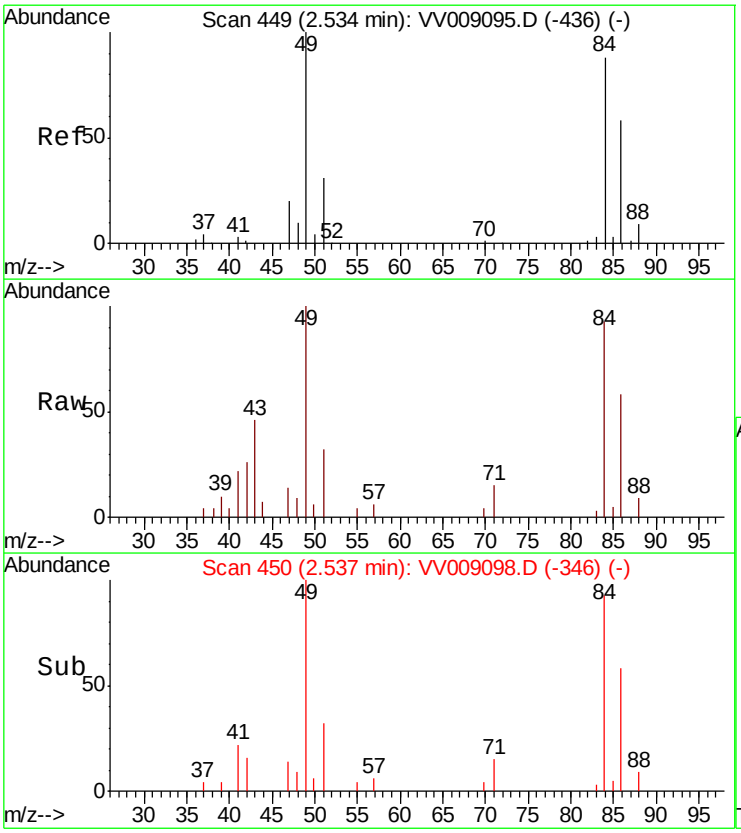
#13
Acetone
Concen: 6.438 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion: 43 Resp: 6378

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	65.4

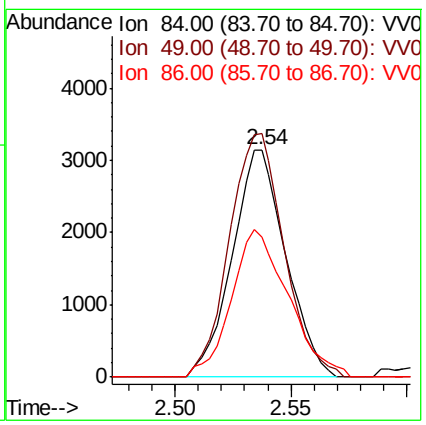


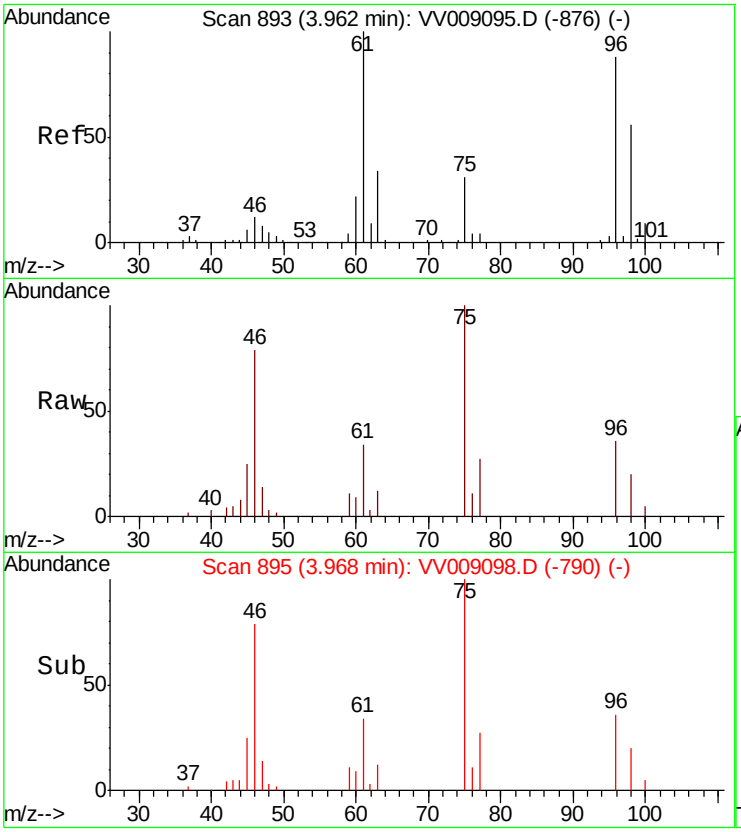


#16
Methylene chloride
Concen: 1.681 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 84 Resp: 5051

Ion	Ratio	Lower	Upper
84	100		
49	107.1	80.5	149.5
86	61.6	45.5	84.5



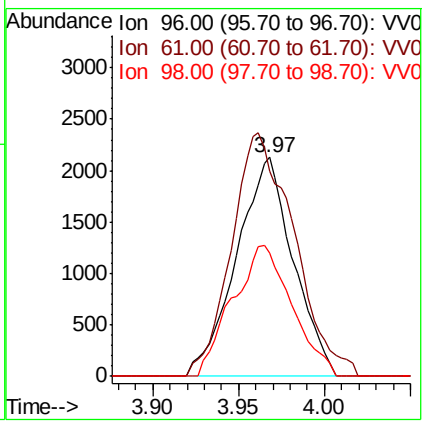


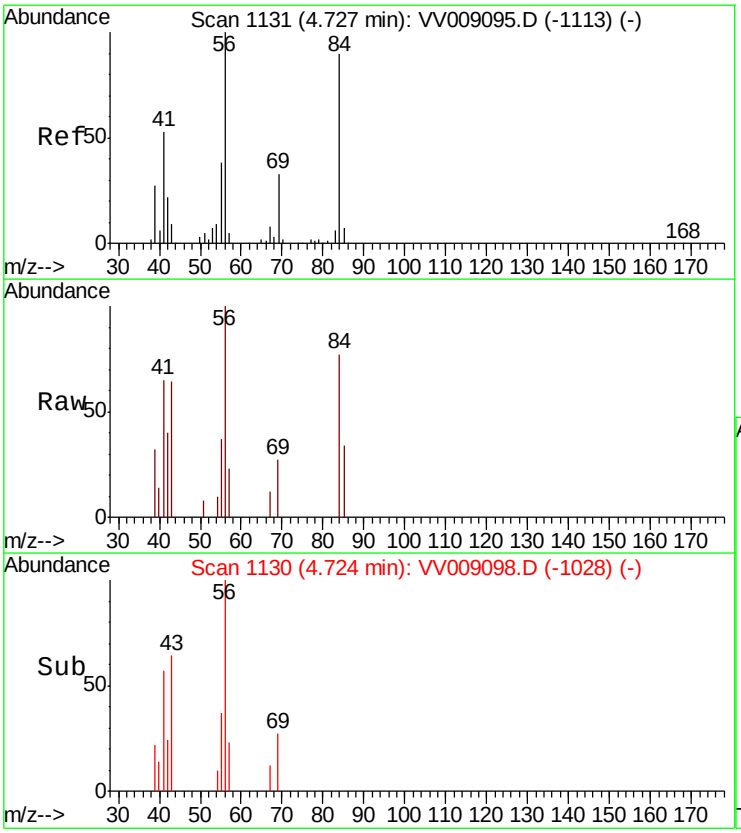
#22
cis-1,2-Dichloroethene
Concen: 1.880 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 96 Resp: 4873

Ion	Ratio	Lower	Upper
96	100		
61	93.9	86.2	160.0
98	56.3	45.6	84.6

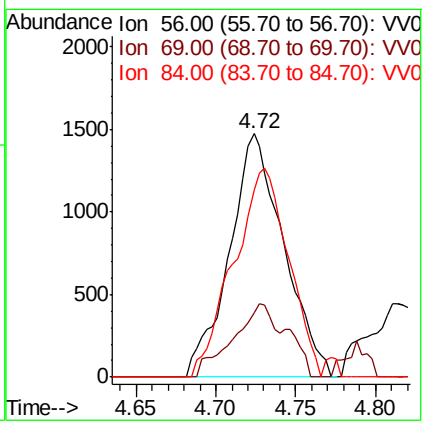


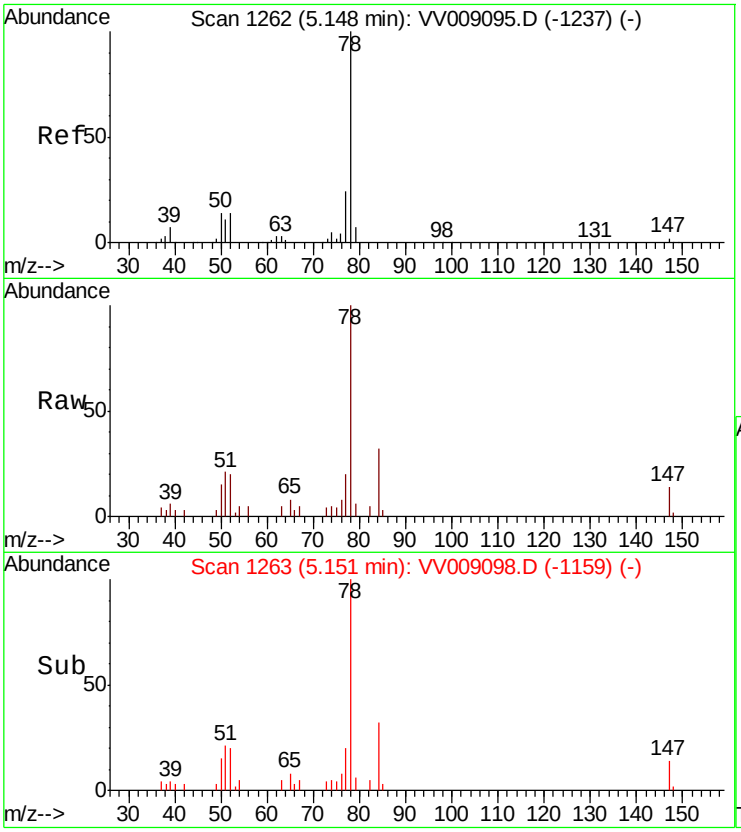


#30
Cyclohexane
Concen: 1.436 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 56 Resp: 3427

Ion	Ratio	Lower	Upper
56	100		
69	15.3	25.8	38.8#
84	86.9	73.0	109.6

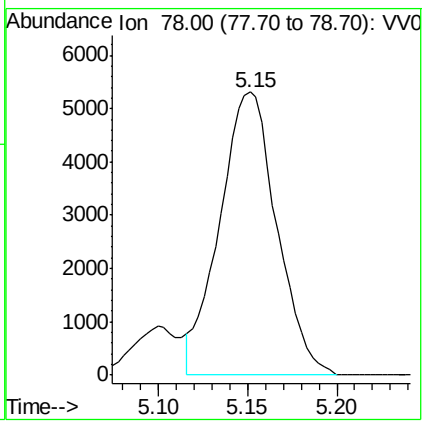


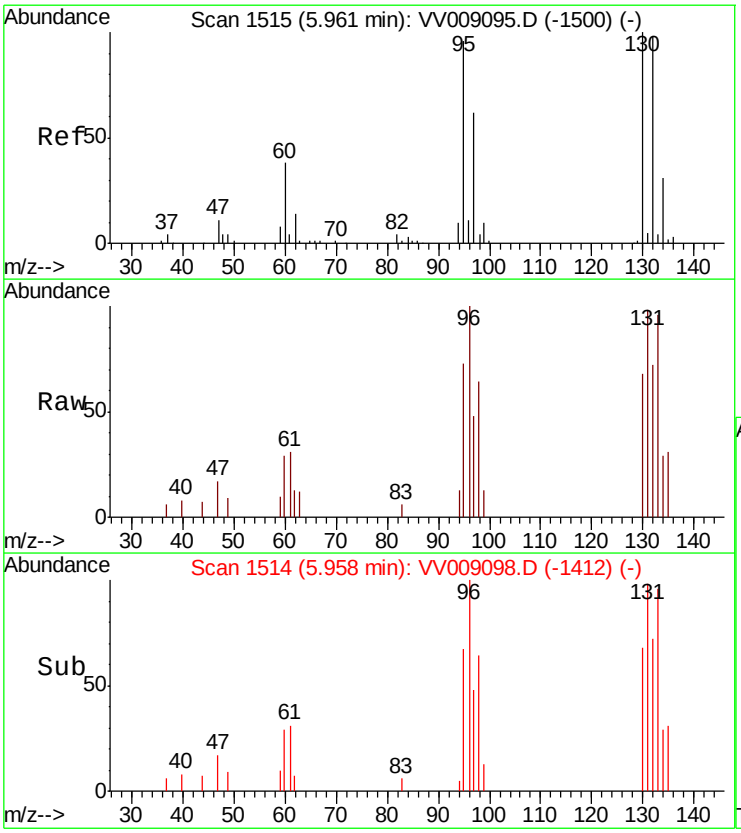


#34
Benzene
Concen: 2.084 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :
C0JG2RE

Tgt Ion: 78 Resp: 11836

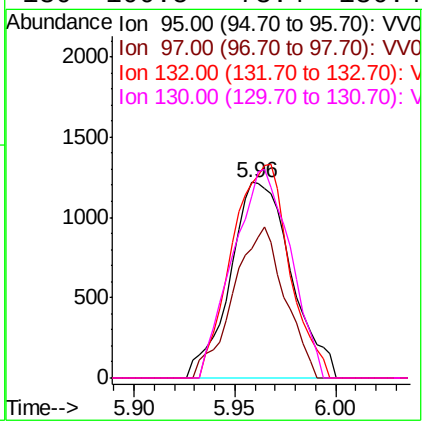


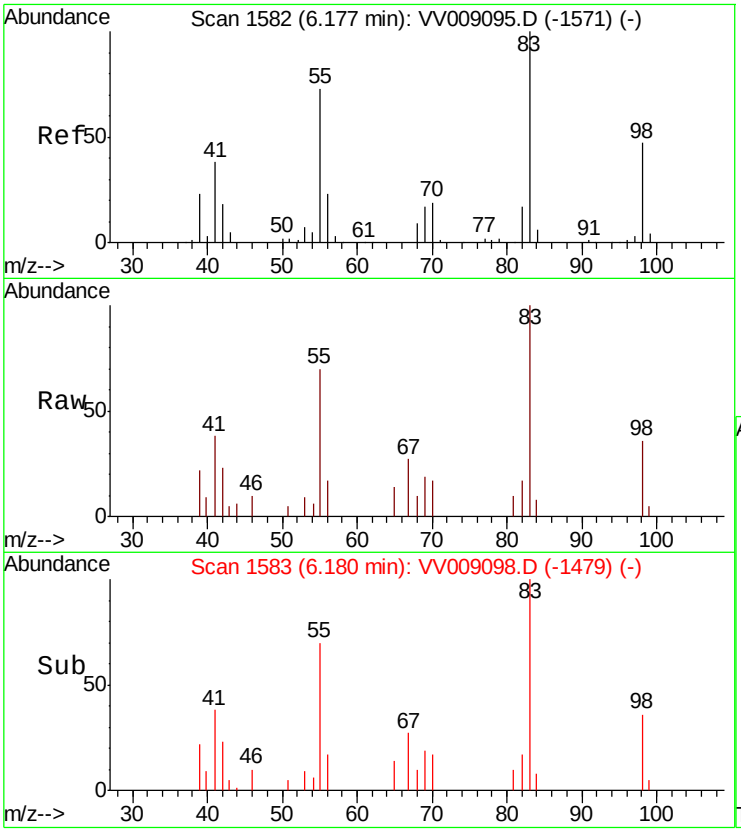


#35
Trichloroethene
Concen: 1.503 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 95 Resp: 2574

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.3	84.1
132	102.7	70.0	130.0
130	100.5	73.4	136.4



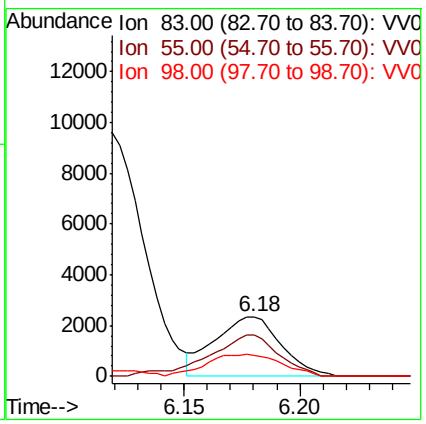


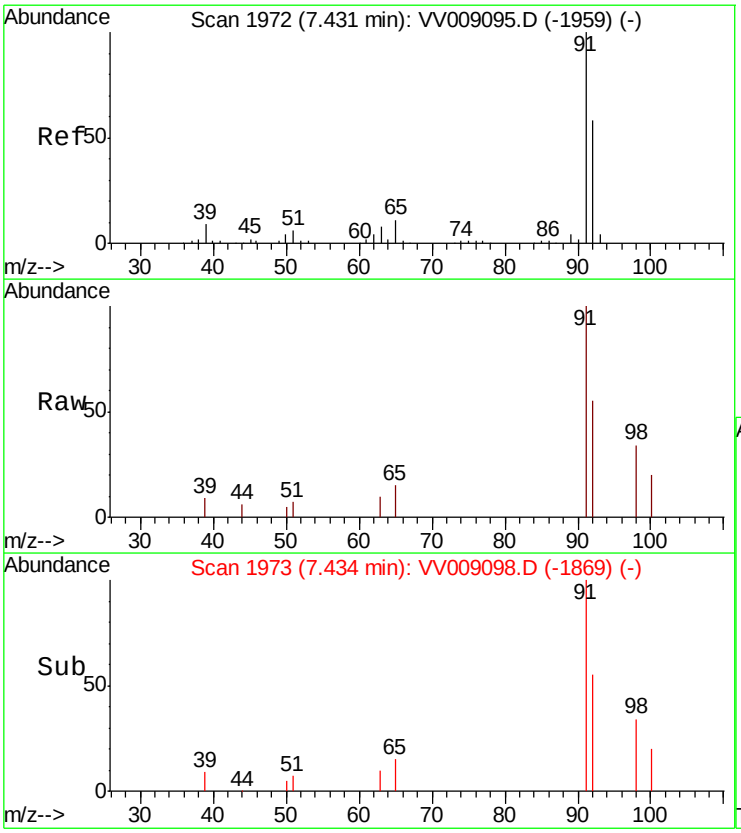
#36
Methylcyclohexane
Concen: 1.712 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Instrument : MSVOA_V
ClientSampleId : C0JG2RE

Tgt Ion: 83 Resp: 4675

Ion	Ratio	Lower	Upper
83	100		
55	69.4	58.2	87.2
98	42.4	37.8	56.8





#44
Toluene
Concen: 0.737 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009098.D
Acq: 20 Dec 2018 22:36

Tgt Ion: 91 Resp: 4390

Ion	Ratio	Lower	Upper
91	100		
92	54.6	41.7	77.5