Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Not Reviewed)

Data File : VV010436.D
Acq On : 23 Apr 2019 04:35
Operator : SY/MD
Sample : K2456-19MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8MS

Quant Time: Apr 23 07:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	63295	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	67047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26576	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	7053	8.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 32.36%			
7) Chloroethane-d5	1.58	69	9566	14.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.40%			
10) 1,1-Dichloroethene-d2	2.13	63	18544	11.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 45.56%			
20) 2-Butanone-d5	3.94	46	12392	60.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.54%			
24) Chloroform-d	4.40	84	35732	23.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.08	65	28420	29.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.80%			
29) Benzene-d6	5.10	84	59003	19.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.24%			
33) 1,2-Dichloropropane-d6	6.12	67	22847	25.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.08%			
37) Toluene-d8	7.36	98	51065	16.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 64.04%			
38) trans-1,3-Dichloropropene-	7.67	79	9599	21.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.40%			
39) 2-Hexanone-d5	8.13	63	7323	40.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24058	27.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.16%			
61) 1,2-Dichlorobenzene-d4	11.68	152	21941	21.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.88%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	366	0.742	ug/L	56
12) 1,1-Dichloroethene	2.14	96	10849	13.612	ug/L	81
13) Acetone	2.18	43	1758	8.044	ug/L	96
16) Methylene chloride	2.53	84	6187	6.665	ug/L	94
34) Benzene	5.14	78	72938	24.611	ug/L	100
35) Trichloroethene	5.96	95	19560	21.764	ug/L	94
42) cis-1,3-Dichloropropene	7.03	75	809	0.672	ug/L #	76
44) Toluene	7.43	91	78652	21.961	ug/L	96
52) Chlorobenzene	8.93	112	61437	24.469	ug/L	98
59) 1,2,3-Trichloropropane	11.31	75	2827	4.503	ug/L	95
69) Naphthalene	13.56	128	2672	1.774	ug/L #	82

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

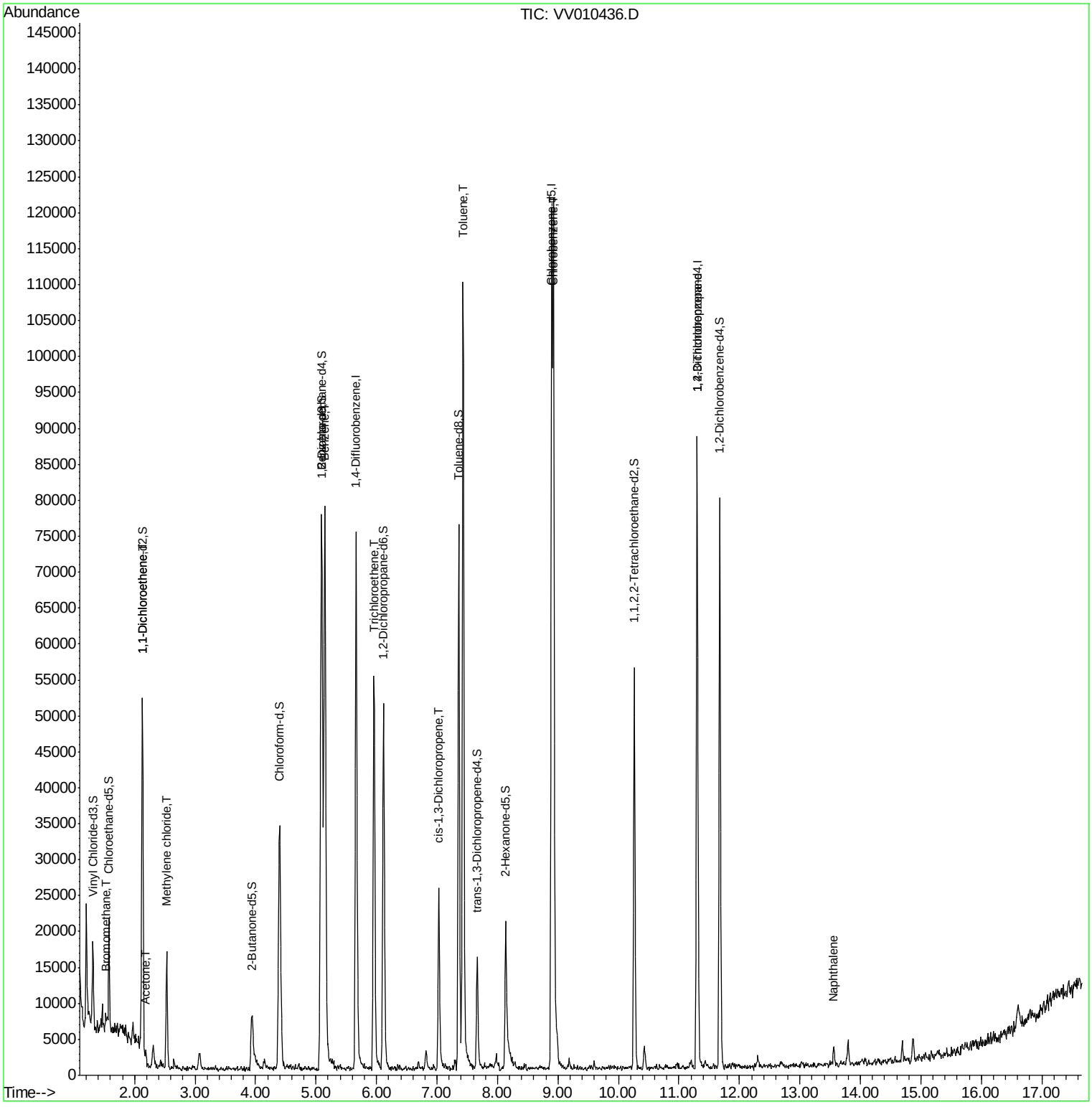
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

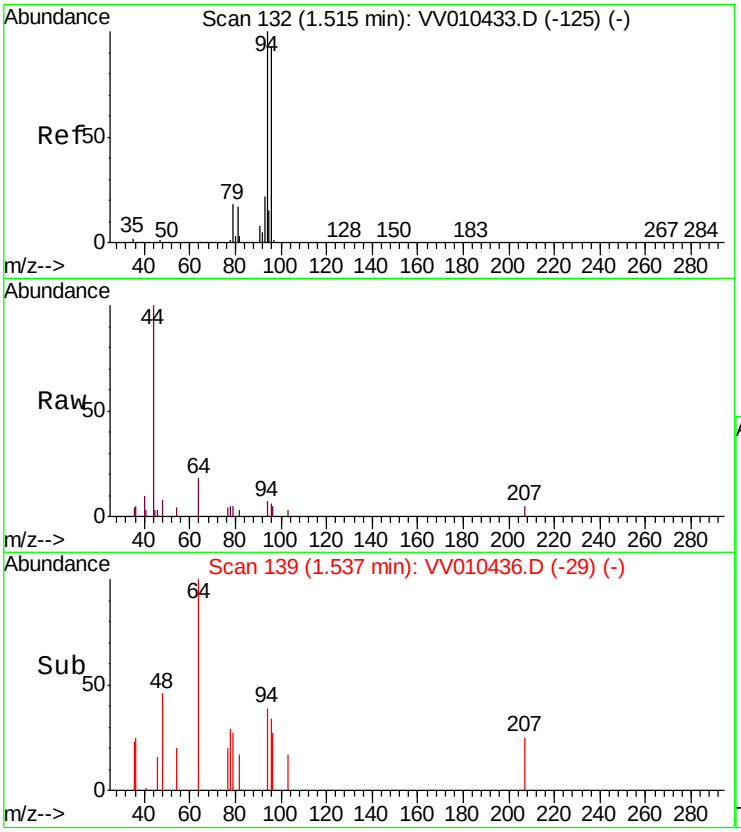
Quantitation Report (Not Reviewed)

Data File : VV010436.D
Acq On : 23 Apr 2019 04:35
Operator : SY/MD
Sample : K2456-19MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8MS

Quant Time: Apr 23 07:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration



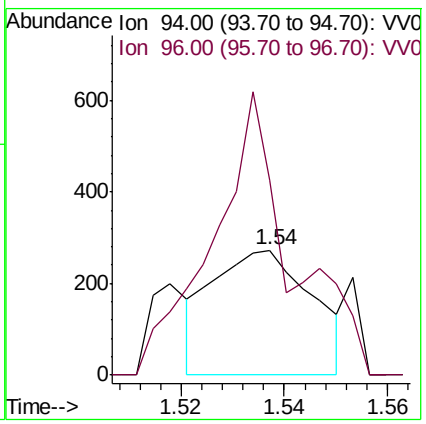


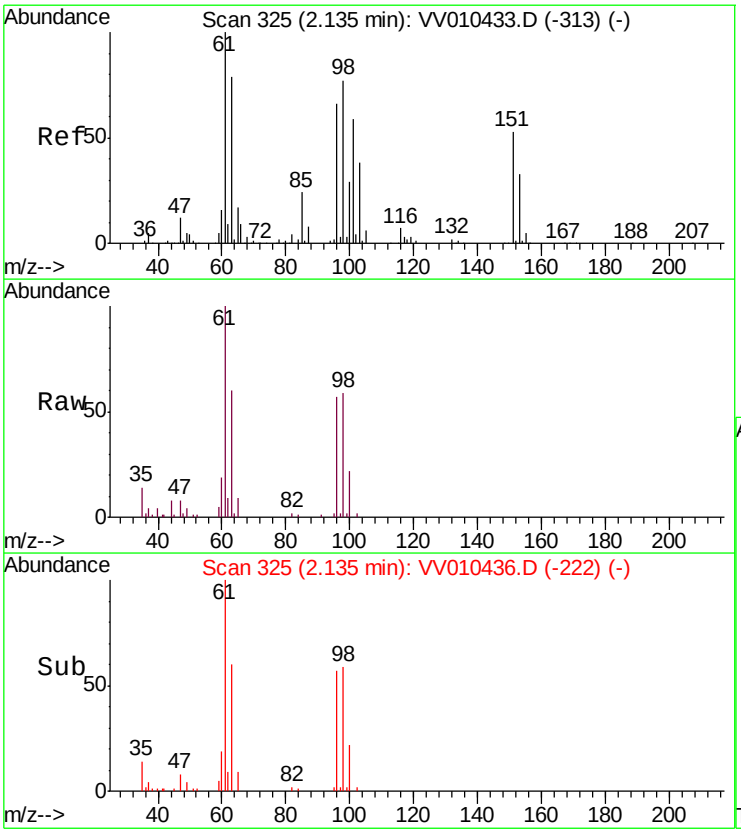
#6
Bromomethane
Concen: 0.742 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.02 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 94 Resp: 366

Ion	Ratio	Lower	Upper
94	100		
96	138.0	9.5	180.3

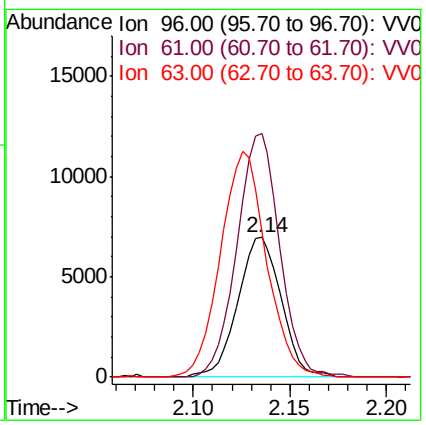


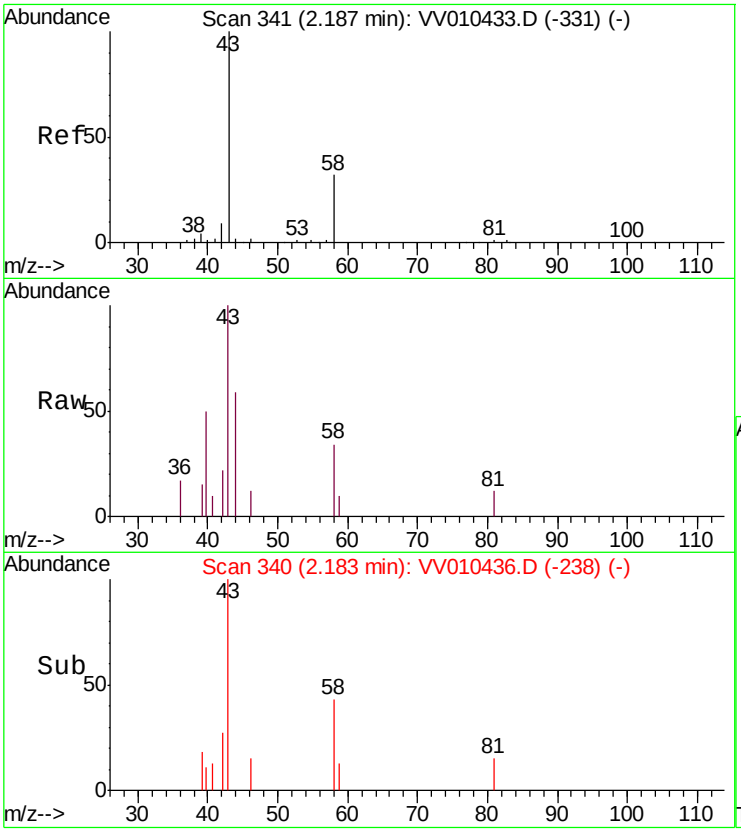


#12
1,1-Dichloroethene
Concen: 13.612 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Tgt Ion: 96 Resp: 10849

Ion	Ratio	Lower	Upper
96	100		
61	174.6	105.3	195.5
63	104.5	87.8	163.2



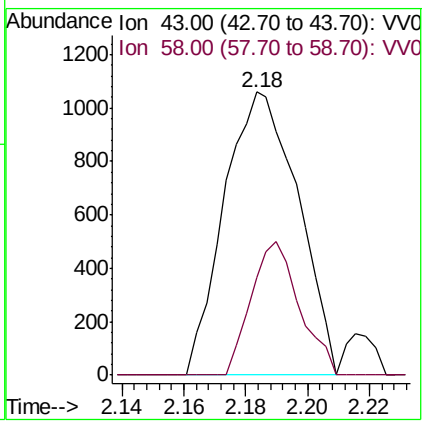


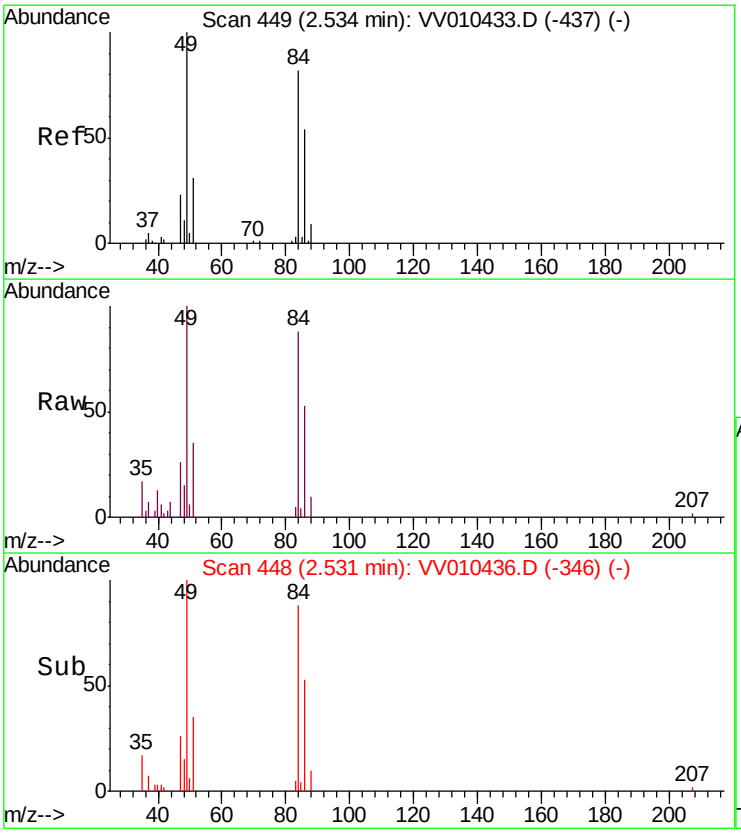
#13
Acetone
Concen: 8.044 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument : MSVOA_V
ClientSampleId : GAHN8MS

Tgt Ion: 43 Resp: 1758

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	66.4

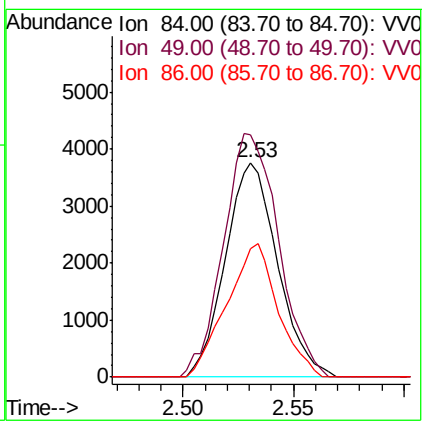


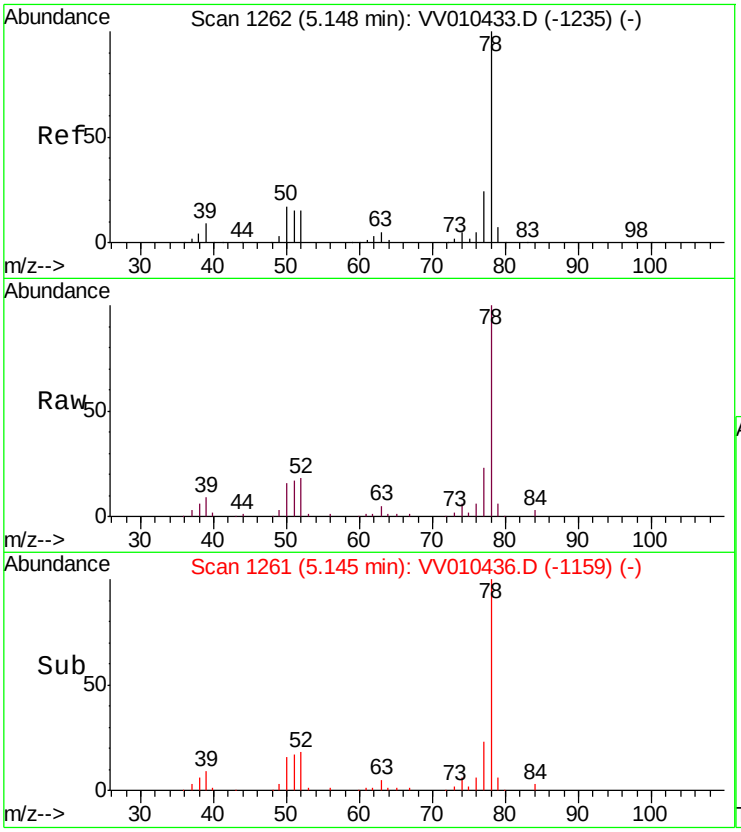


#16
Methylene chloride
Concen: 6.665 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Tgt Ion: 84 Resp: 6187

Ion	Ratio	Lower	Upper
84	100		
49	113.2	85.0	158.0
86	60.2	43.9	81.5

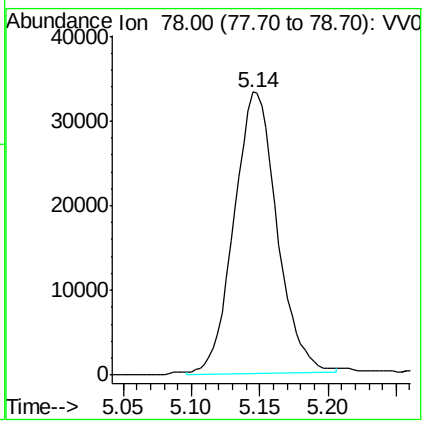


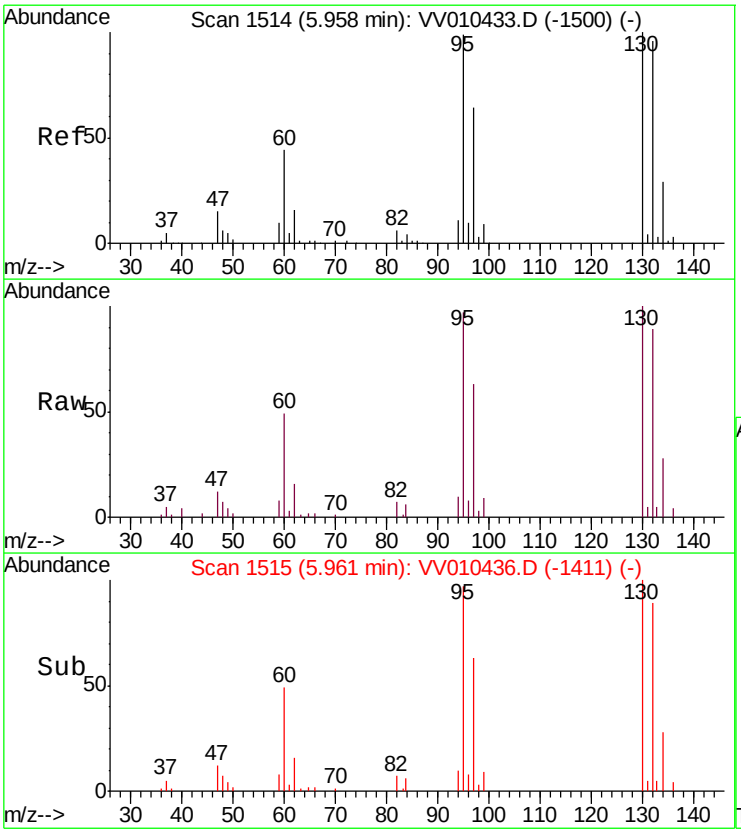


#34
Benzene
Concen: 24.611 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 78 Resp: 72938

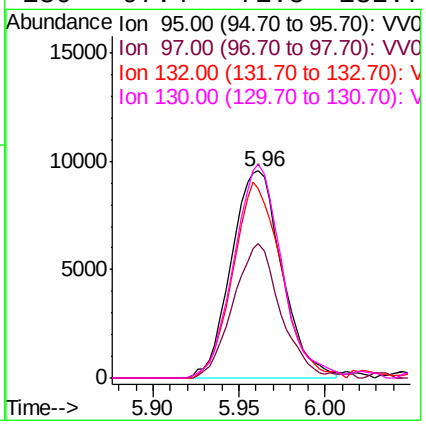


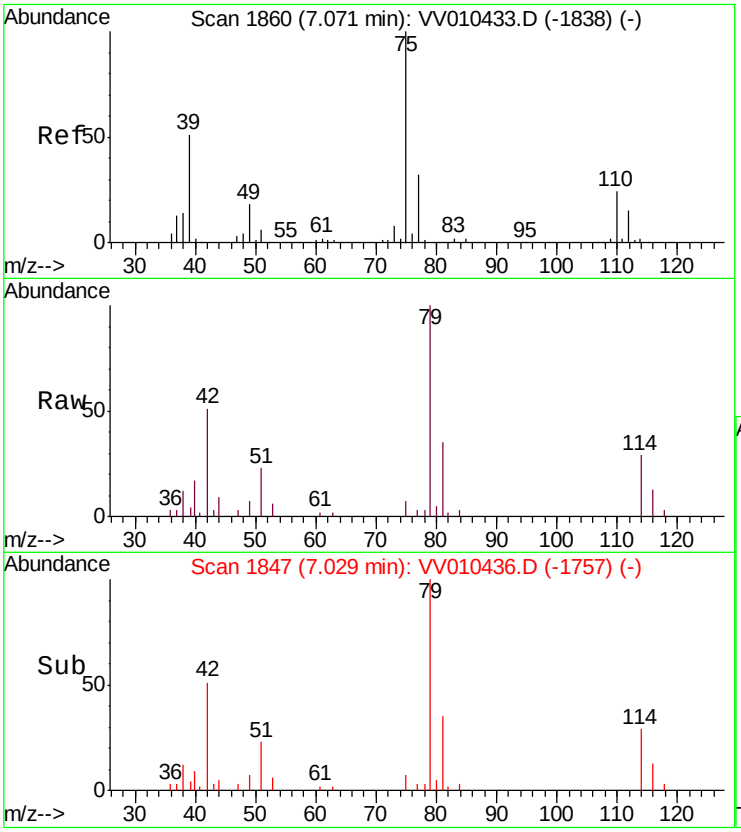


#35
Trichloroethene
Concen: 21.764 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Tgt Ion: 95 Resp: 19560

Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.4	82.4
132	90.5	69.0	128.1
130	97.4	71.5	132.7



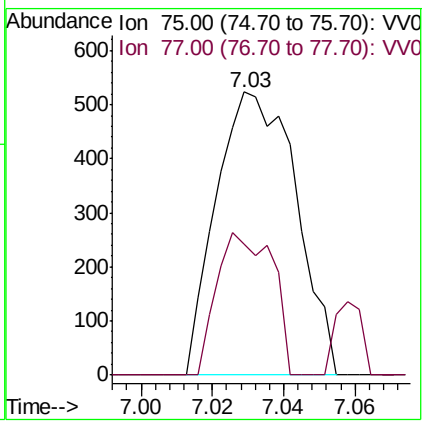


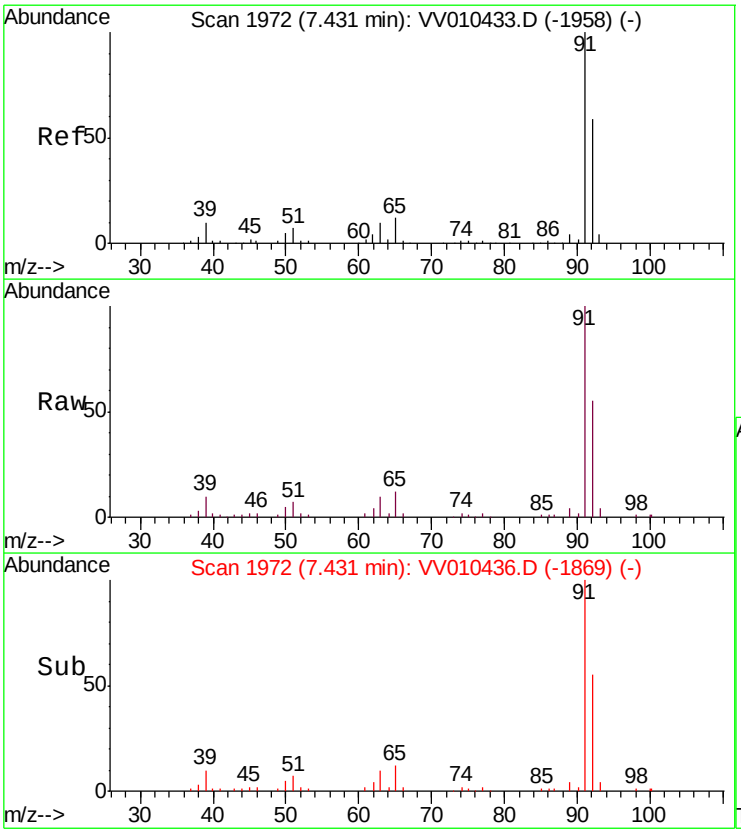
#42
cis-1,3-Dichloropropene
Concen: 0.672 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument : MSVOA_V
ClientSampleId : GAHN8MS

Tgt Ion: 75 Resp: 809

Ion	Ratio	Lower	Upper
75	100		
77	46.5	22.9	42.5#

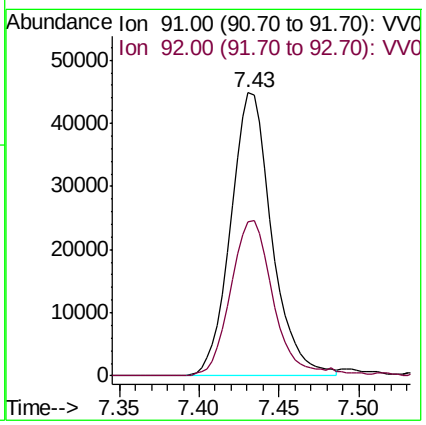


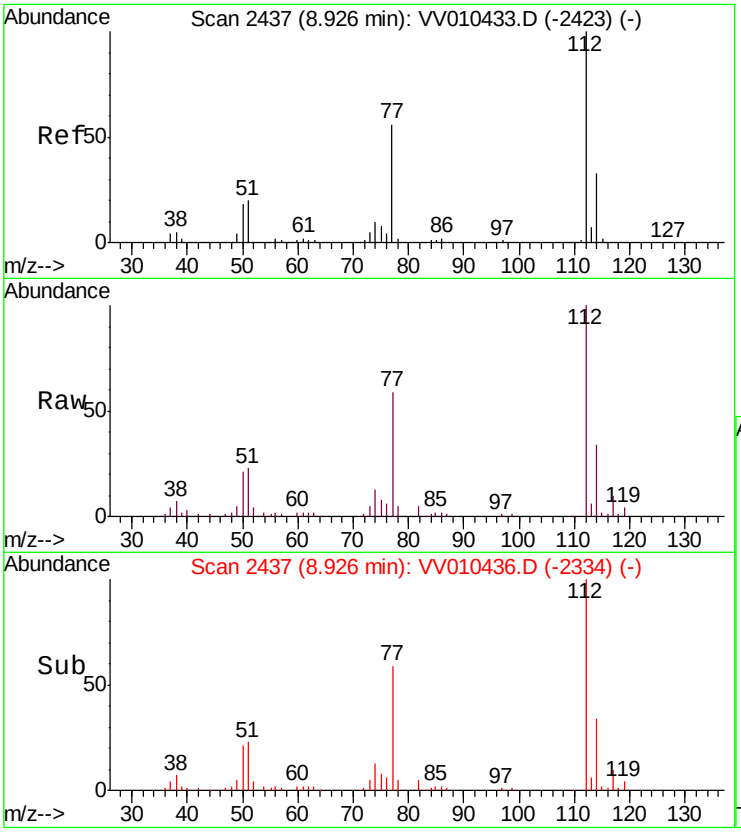


#44
Toluene
Concen: 21.961 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Tgt Ion: 91 Resp: 78652

Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.5	75.1



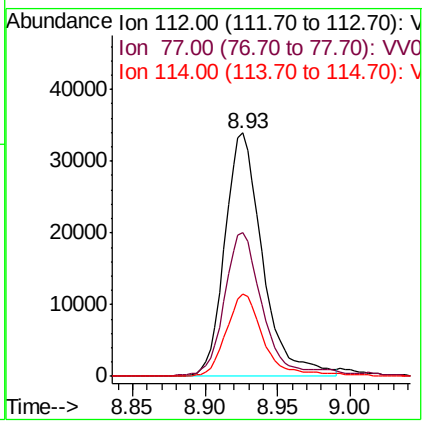


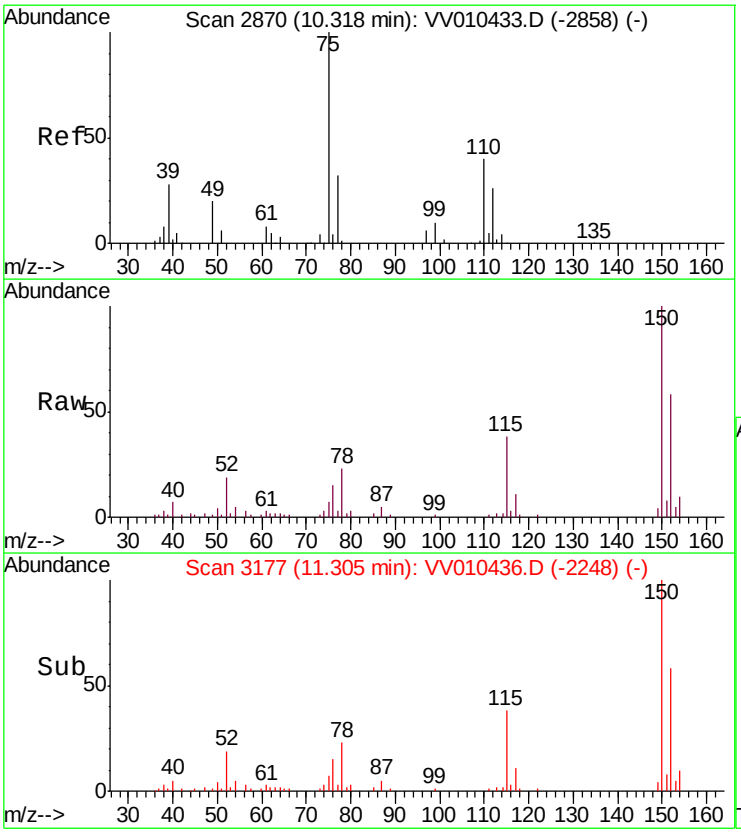
#52
Chlorobenzene
Concen: 24.469 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion:112 Resp: 61437

Ion	Ratio	Lower	Upper
112	100		
77	59.1	46.2	69.2
114	34.0	22.5	41.7

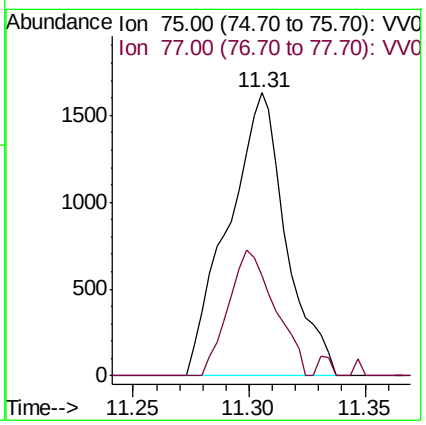


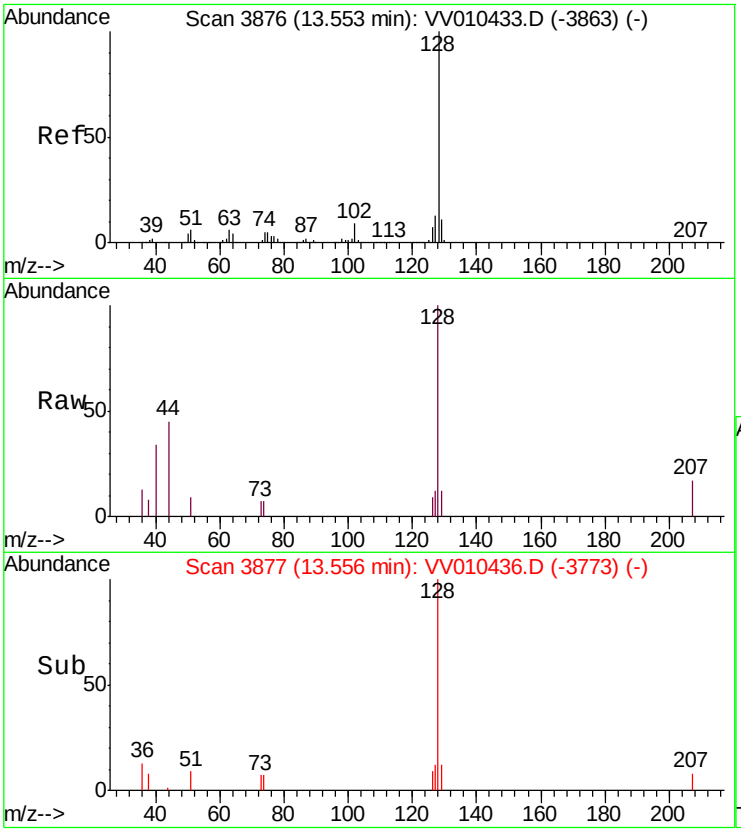


#59
1,2,3-Trichloropropane
Concen: 4.503 ug/L
RT: 11.31 min Scan# 3177
Delta R.T. 0.99 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Tgt Ion: 75 Resp: 2827

Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.2	39.2





#69
Naphthalene
Concen: 1.774 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion:128 Resp: 2672

Ion	Ratio	Lower	Upper
128	100		
129	7.7	8.4	12.6#
127	2.4	10.2	15.2#