Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

Quantitation Report (Not Reviewed)

Data File : VV010403.D
Acq On : 20 Apr 2019 00:32
Operator : SY/MD
Sample : K245619MS
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8MS

Quant Time: Apr 20 04:39:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	341201	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	177664	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84053	19.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.60%			
7) Chloroethane-d5	1.57	69	76335	20.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.88%			
10) 1,1-Dichloroethene-d2	2.13	63	186325	17.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.28%			
20) 2-Butanone-d5	3.94	46	67459	50.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.00%			
24) Chloroform-d	4.40	84	186034	20.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.96%			
26) 1,2-Dichloroethane-d4	5.08	65	131342	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.20%			
29) Benzene-d6	5.10	84	349475	20.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.40%			
33) 1,2-Dichloropropane-d6	6.12	67	109797	21.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.32%			
37) Toluene-d8	7.36	98	344681	20.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.48%			
38) trans-1,3-Dichloropropene-	7.66	79	48421	19.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.40%			
39) 2-Hexanone-d5	8.13	63	52203	46.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.16%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	115657	22.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.92%			
61) 1,2-Dichlorobenzene-d4	11.67	152	159134	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.12%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	112403	25.359	ug/L	84
13) Acetone	2.19	43	2845	1.998	ug/L	88
16) Methylene chloride	2.54	84	25871	4.747	ug/L	90
25) Chloroform	4.43	83	10206	1.219	ug/L	95
27) 1,2-Dichloroethane	5.14	62	3837	0.642	ug/L #	76
34) Benzene	5.15	78	419580	25.315	ug/L	100
35) Trichloroethene	5.96	95	121028	24.681	ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	4699	0.733	ug/L	84
44) Toluene	7.43	91	496386	26.566	ug/L	98
52) Chlorobenzene	8.93	112	348366	26.795	ug/L	97
69) Naphthalene	13.55	128	18654	1.403	ug/L	99

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

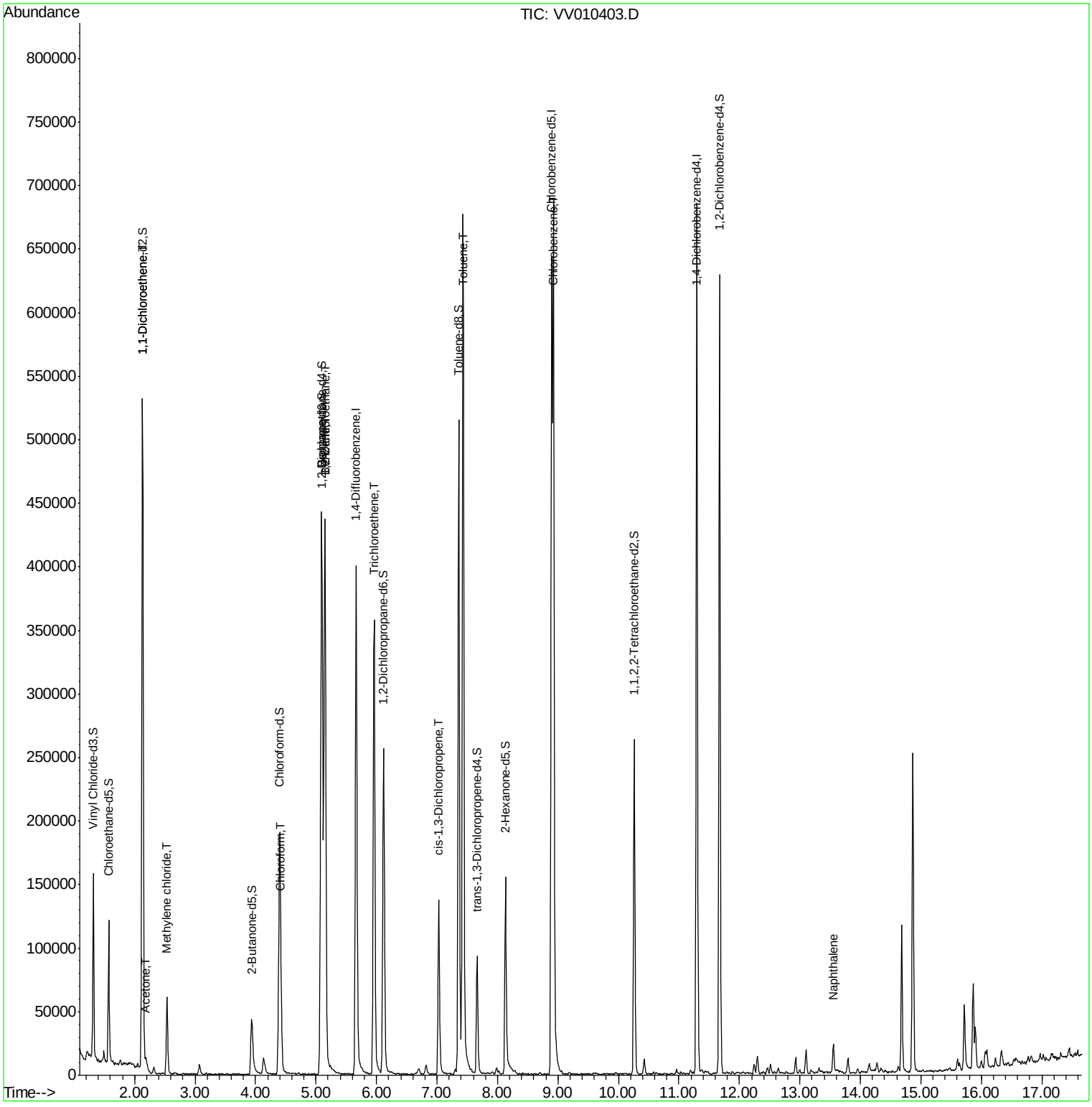
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

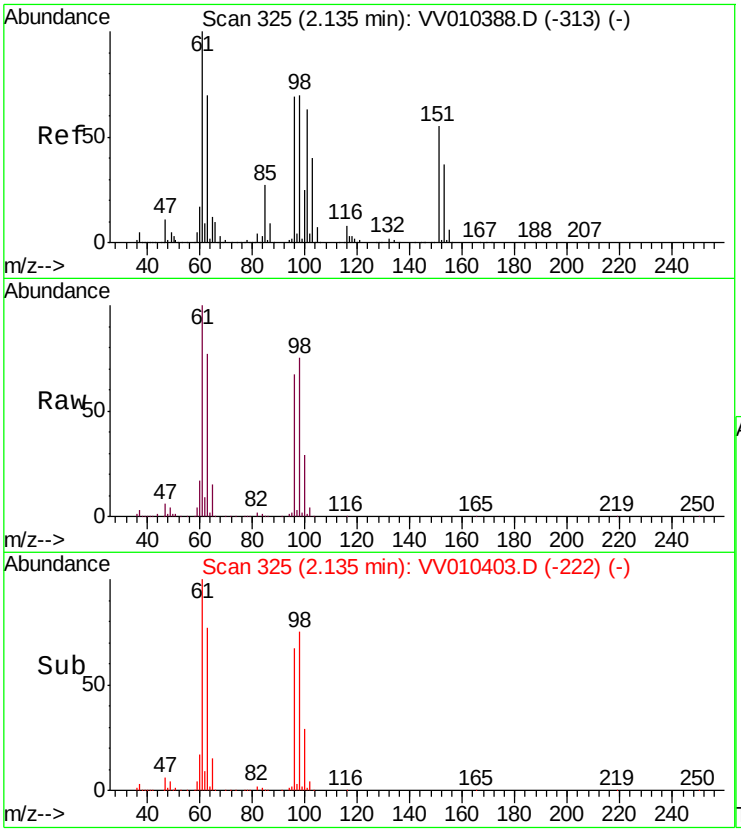
Quantitation Report (Not Reviewed)

Data File : VV010403.D
Acq On : 20 Apr 2019 00:32
Operator : SY/MD
Sample : K245619MS
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Quant Time: Apr 20 04:39:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



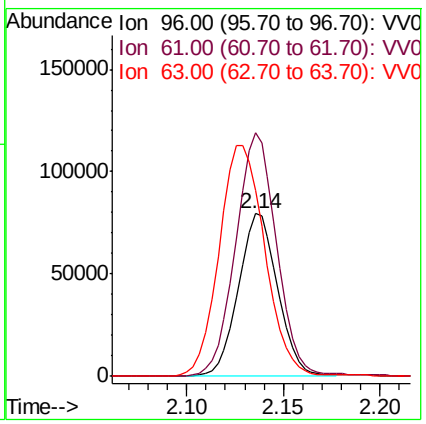


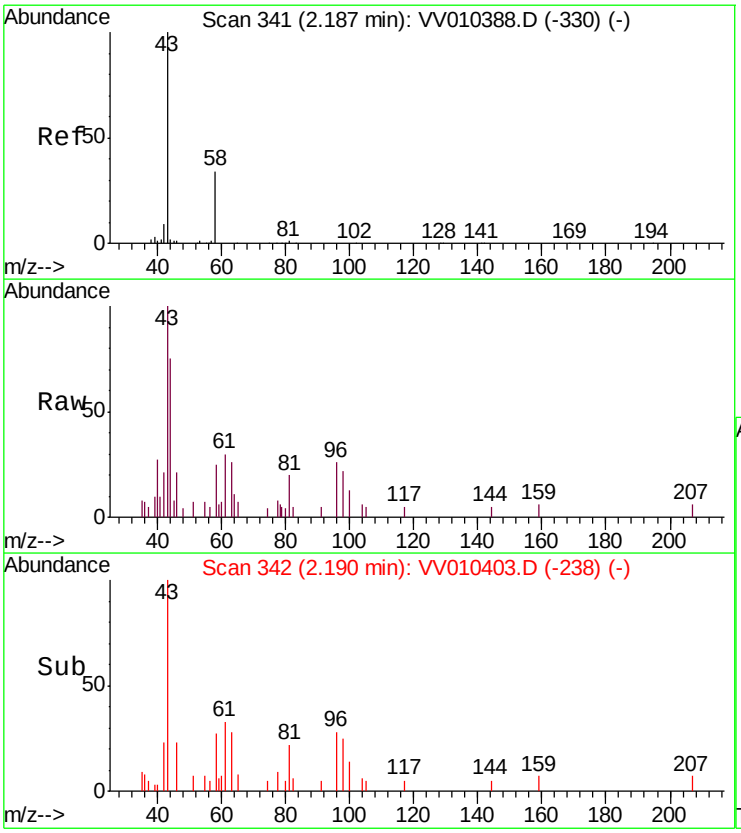
#12
1,1-Dichloroethene
Concen: 25.359 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 96 Resp: 112403

Ion	Ratio	Lower	Upper
96	100		
61	149.8	124.7	231.5
63	114.7	88.7	164.7

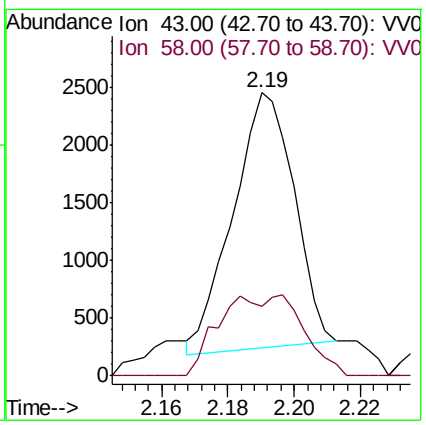


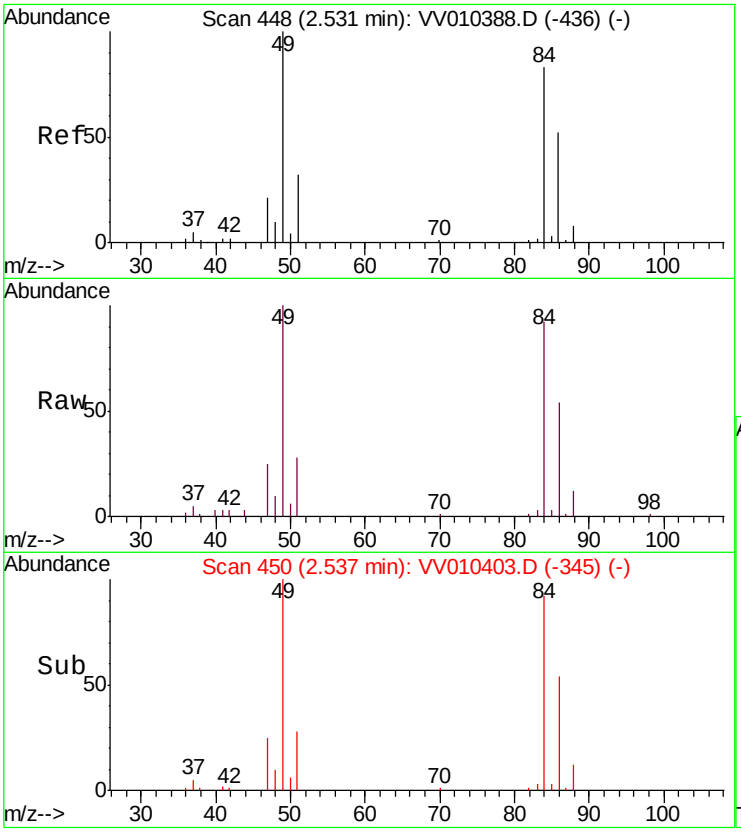


#13
Acetone
Concen: 1.998 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Tgt Ion: 43 Resp: 2845

Ion	Ratio	Lower	Upper
43	100		
58	23.8	0.0	60.0



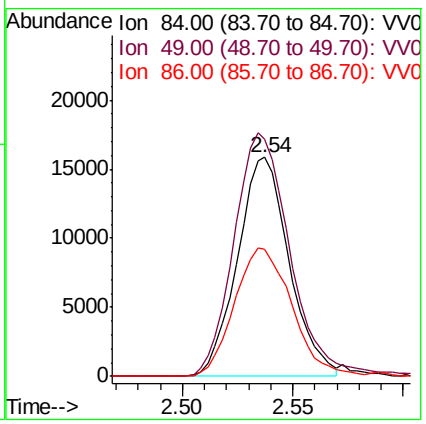


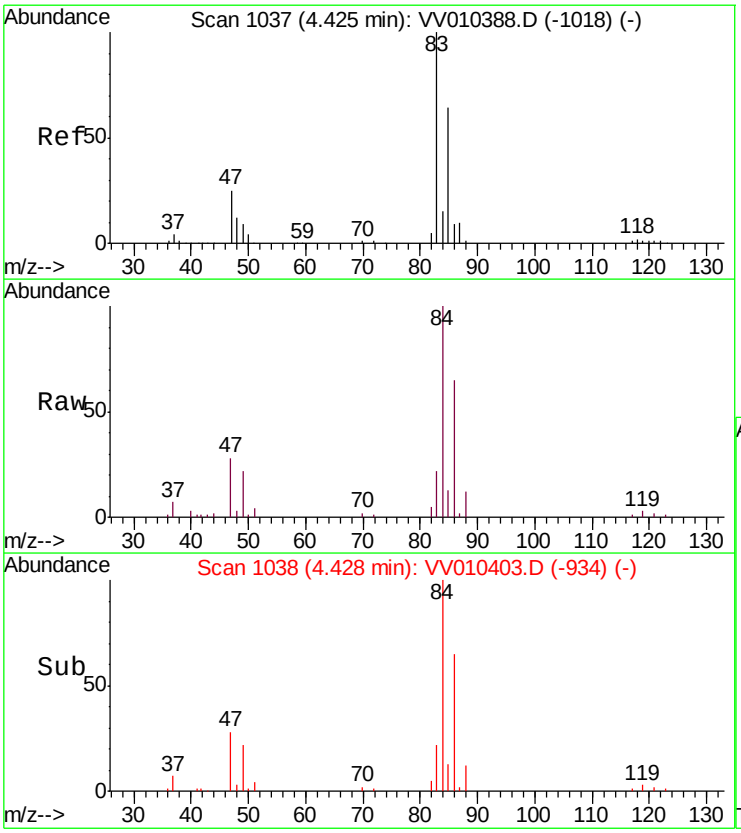
#16
Methylene chloride
Concen: 4.747 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 84 Resp: 25871

Ion	Ratio	Lower	Upper
84	100		
49	108.3	83.8	155.6
86	58.1	46.1	85.5

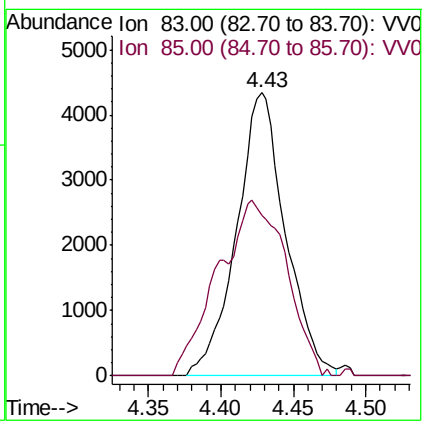


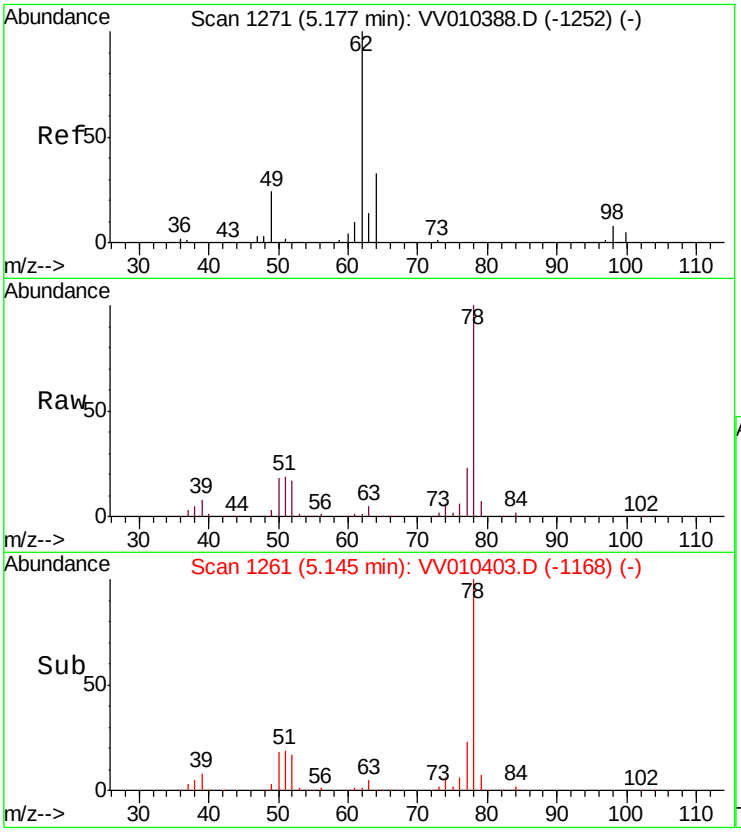


#25
Chloroform
Concen: 1.219 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Tgt Ion: 83 Resp: 10206

Ion	Ratio	Lower	Upper
83	100		
85	62.9	46.5	86.5



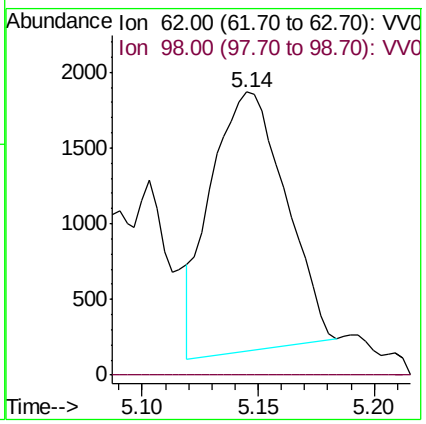


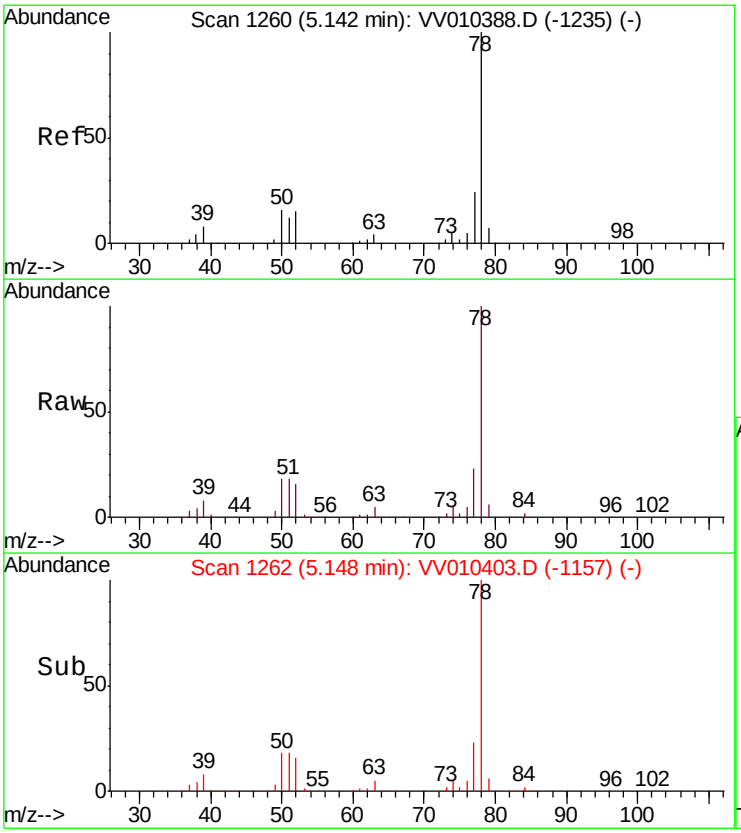
#27
1,2-Dichloroethane
Concen: 0.642 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.03 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 62 Resp: 3837

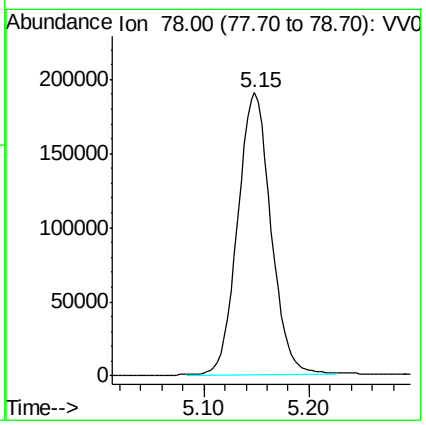
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.8	10.2#

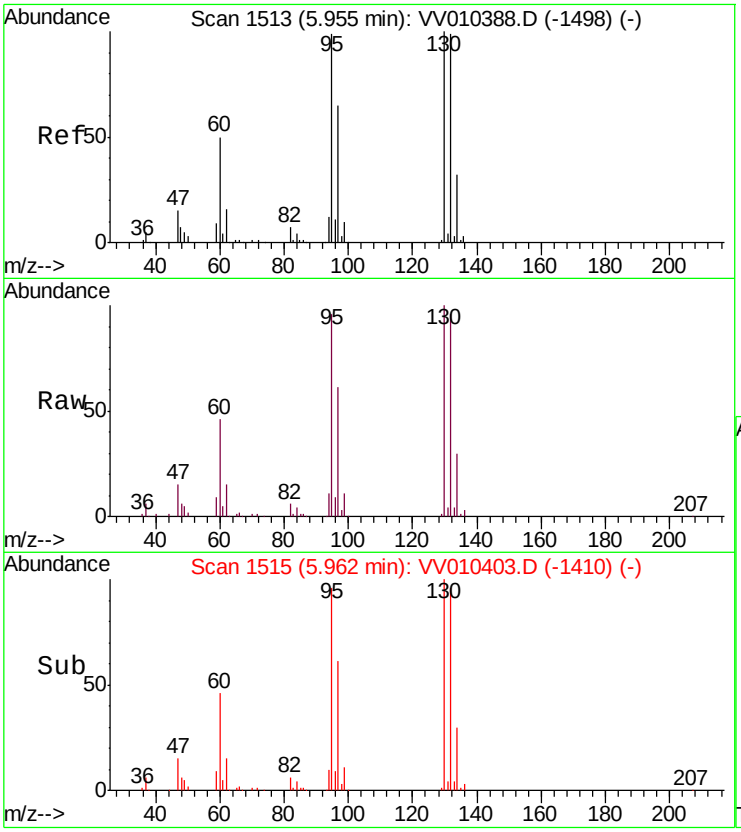




#34
Benzene
Concen: 25.315 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Tgt Ion: 78 Resp: 419580



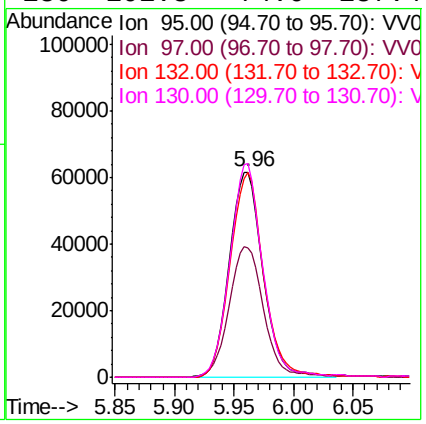


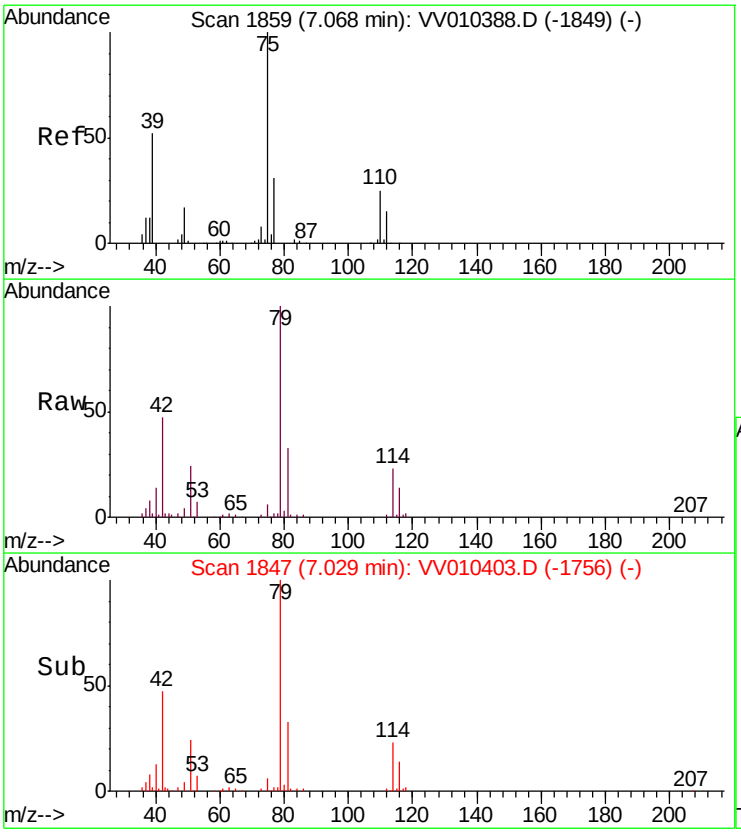
#35
Trichloroethene
Concen: 24.681 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 95 Resp: 121028

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.6	84.8
132	99.5	71.5	132.7
130	101.3	74.0	137.4

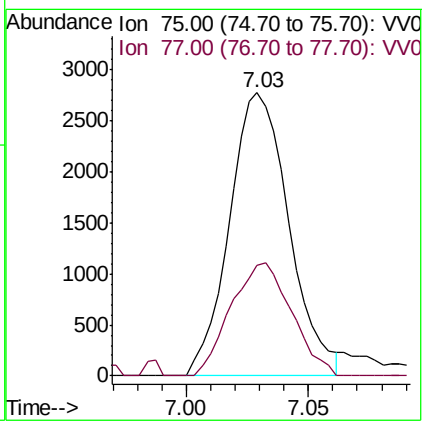


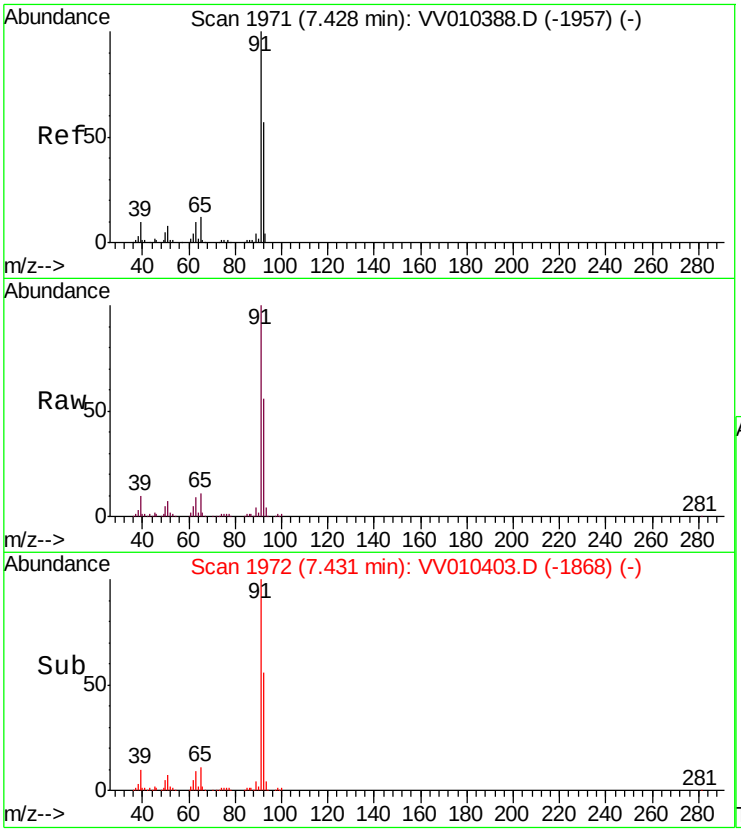


#42
cis-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Tgt Ion: 75 Resp: 4699

Ion	Ratio	Lower	Upper
75	100		
77	39.0	21.1	39.1



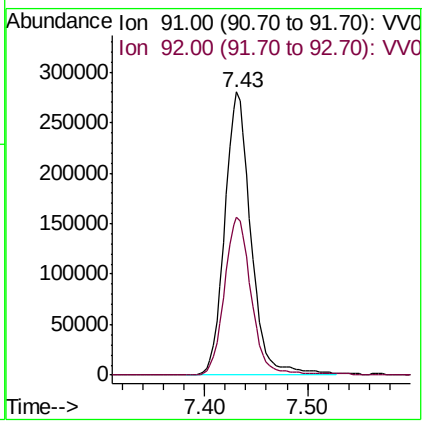


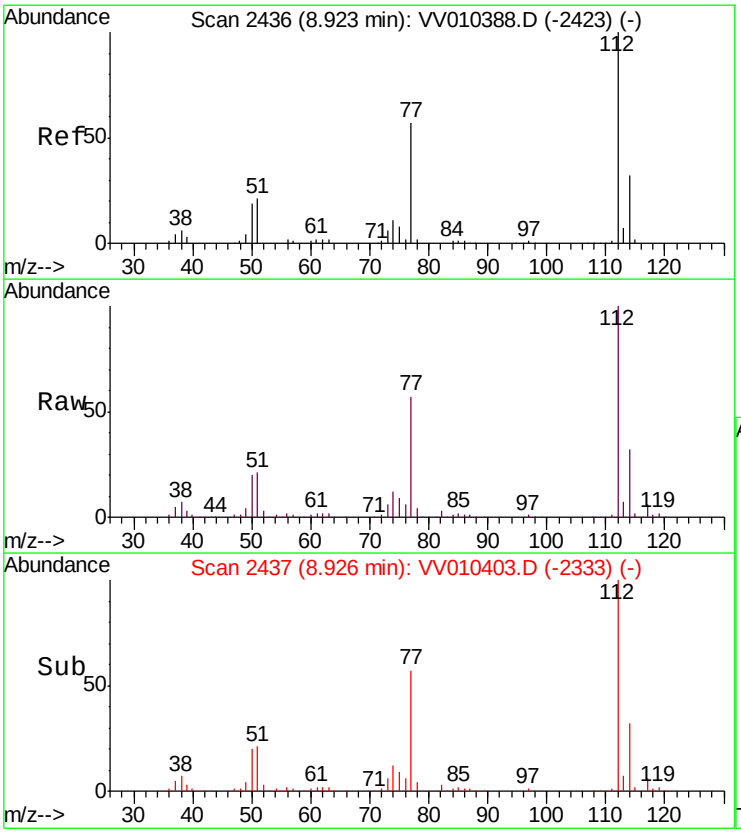
#44
Toluene
Concen: 26.566 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion: 91 Resp: 496386

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.1	74.5

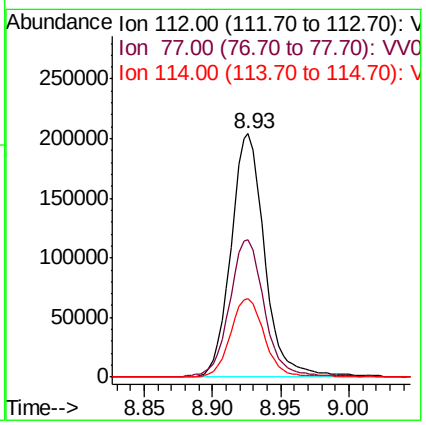


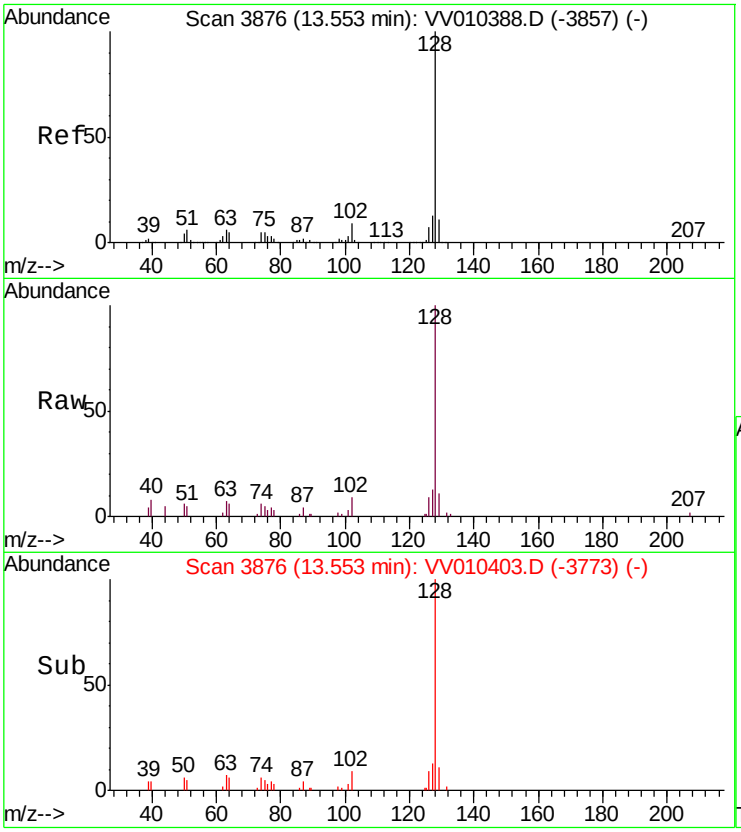


#52
Chlorobenzene
Concen: 26.795 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Tgt Ion:112 Resp: 348366

Ion	Ratio	Lower	Upper
112	100		
77	56.7	43.0	64.4
114	32.5	22.5	41.9





#69
Naphthalene
Concen: 1.403 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010403.D
Acq: 20 Apr 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
GAHN8MS

Tgt Ion:128 Resp: 18654

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.6	10.7	16.1