Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010125.D
Acq On : 05 Apr 2019 11:39
Operator : SY/MD
Sample : VV0405SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK61

Quant Time: Apr 05 23:48:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270322	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	258004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119312	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78533	21.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.80%			
7) Chloroethane-d5	1.58	69	111152	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.92%			
10) 1,1-Dichloroethene-d2	2.12	63	154705	16.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.80%			
20) 2-Butanone-d5	3.95	46	47822	46.44	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.88%			
24) Chloroform-d	4.40	84	152336	22.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.48%			
26) 1,2-Dichloroethane-d4	5.08	65	91490	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.04%			
29) Benzene-d6	5.09	84	328685	24.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.28%			
33) 1,2-Dichloropropane-d6	6.11	67	93969	23.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.20%			
37) Toluene-d8	7.36	98	310455	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.32%			
38) trans-1,3-Dichloropropene-	7.66	79	36944	21.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.56%			
39) 2-Hexanone-d5	8.14	63	36741	46.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.78%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	88223	22.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	117127	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			

Target Compounds						Qvalue
13) Acetone	2.22	43	2707	2.659	ug/L	88
16) Methylene chloride	2.53	84	8344	1.757	ug/L	98
25) Chloroform	4.42	83	6130	0.997	ug/L #	58
42) cis-1,3-Dichloropropene	7.03	75	3363	0.729	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	1756	0.441	ug/L #	17
69) Naphthalene	13.56	128	4733	0.714	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	1979	0.532	ug/L	93

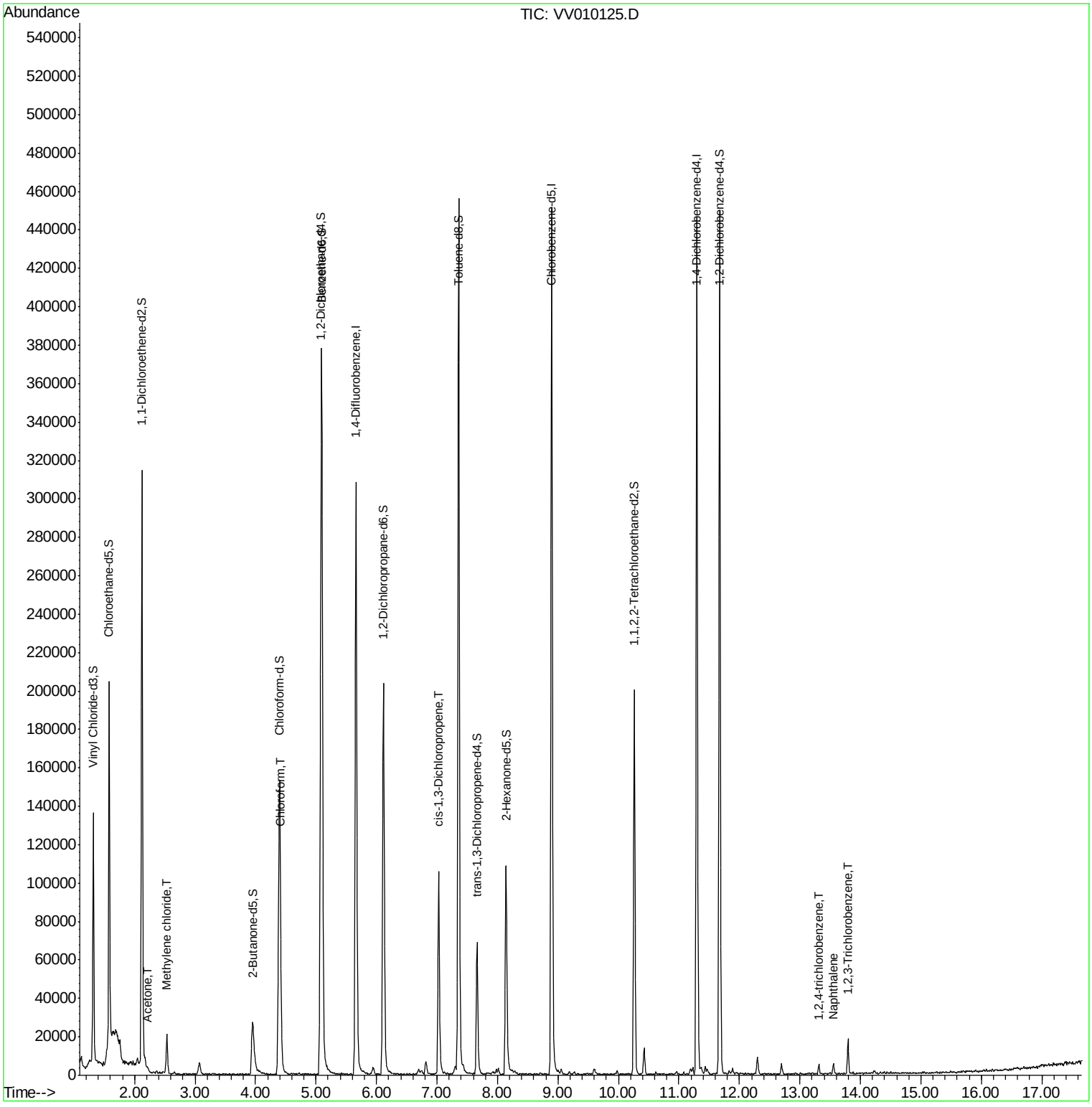
(#) = qualifier out of range (m) = manual integration (+) = signals summed

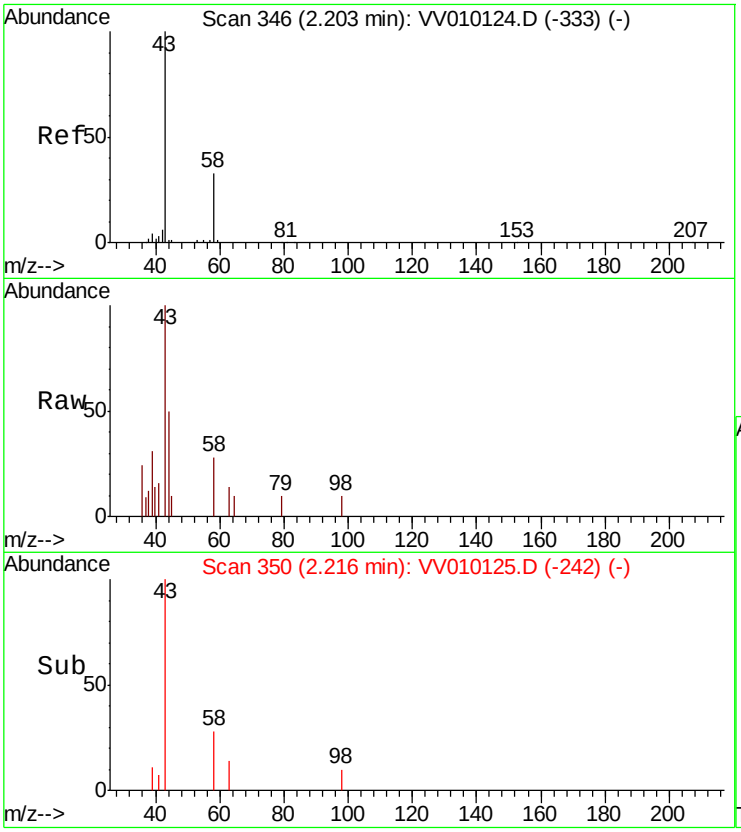
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010125.D
Acq On : 05 Apr 2019 11:39
Operator : SY/MD
Sample : VV0405SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: Apr 05 23:48:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration



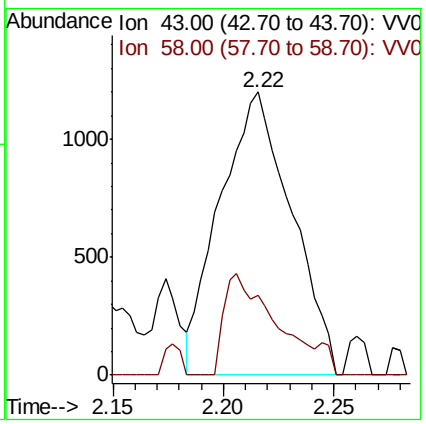


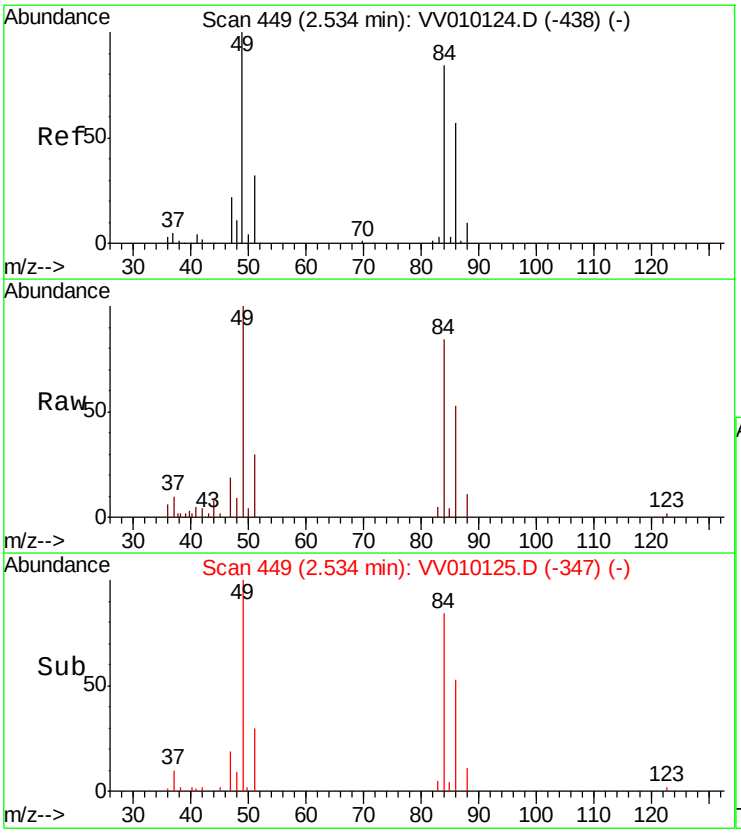
#13
Acetone
Concen: 2.659 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.02 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Instrument : MSVOA_V
ClientSampleId : VBLK61

Tgt Ion: 43 Resp: 2707

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	64.6

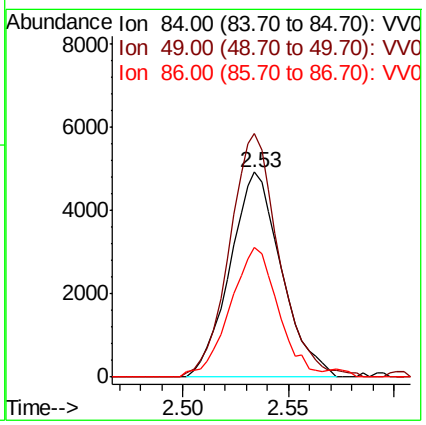


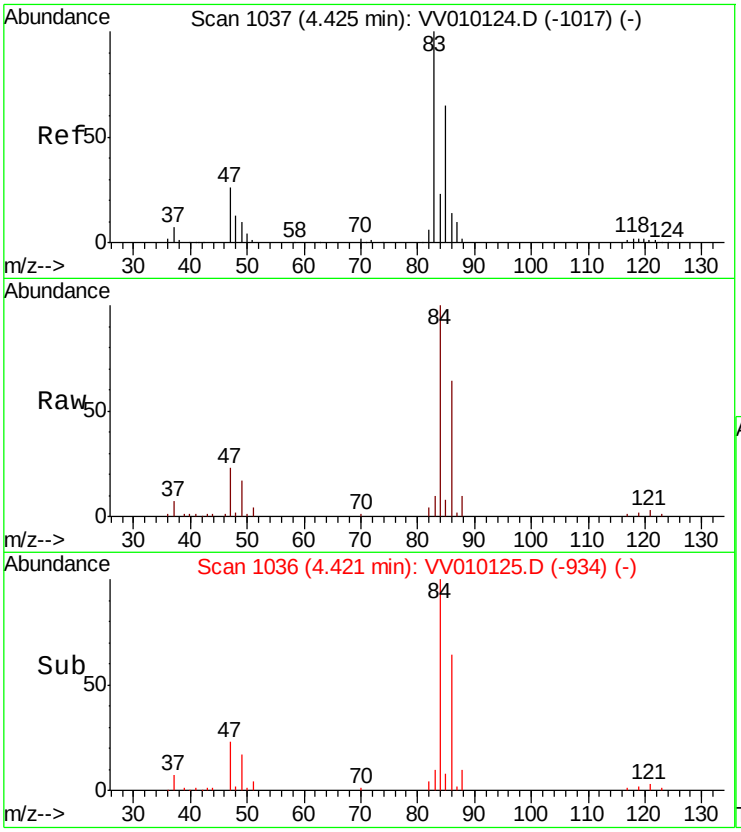


#16
Methylene chloride
Concen: 1.757 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Tgt Ion: 84 Resp: 8344

Ion	Ratio	Lower	Upper
84	100		
49	118.7	84.3	156.5
86	63.1	45.4	84.2



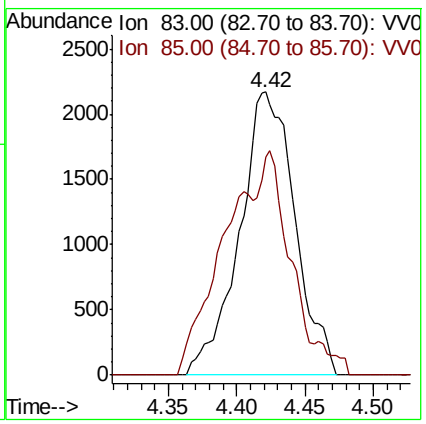


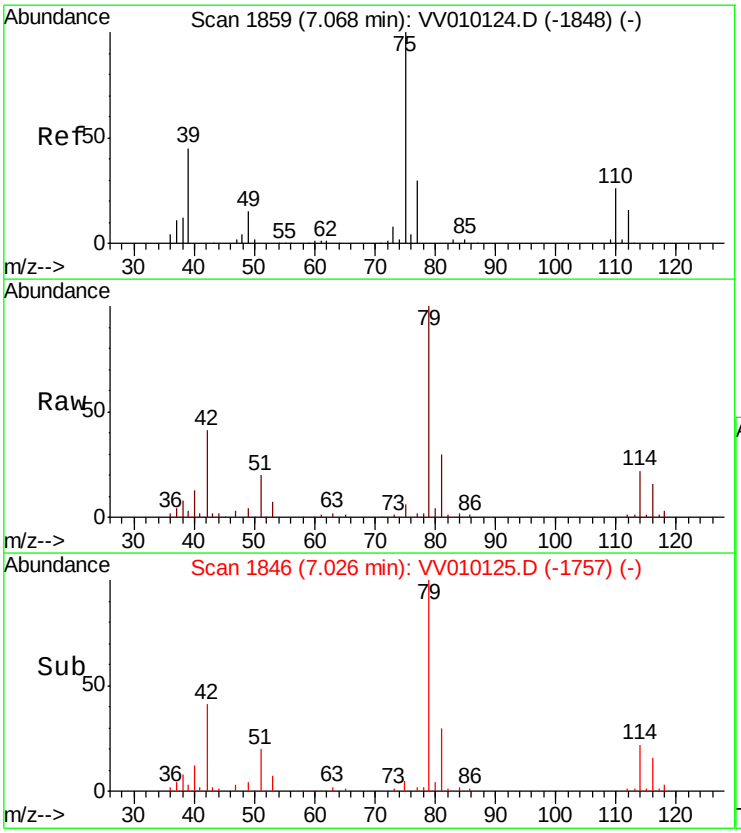
#25
Chloroform
Concen: 0.997 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Tgt Ion: 83 Resp: 6130

Ion	Ratio	Lower	Upper
83	100		
85	33.1	46.4	86.2#

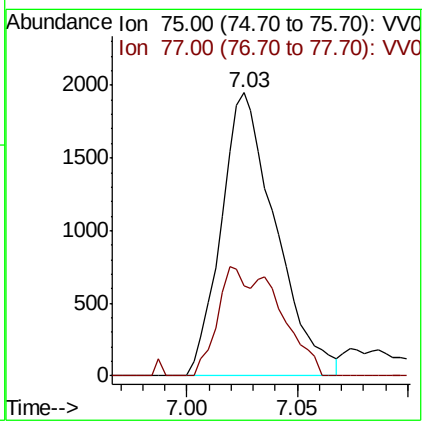


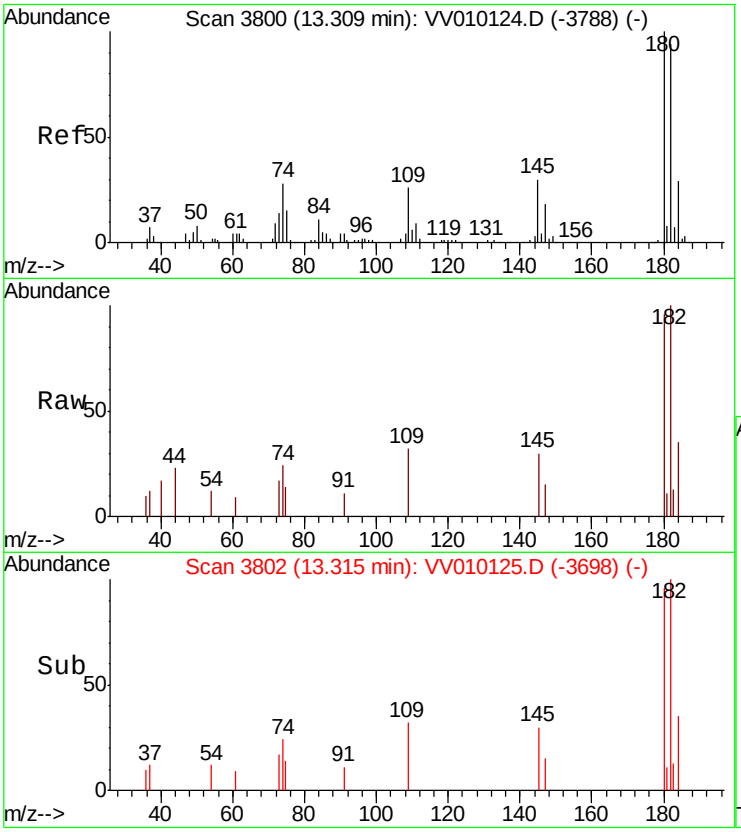


#42
cis-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Tgt Ion: 75 Resp: 3363

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.1	41.1



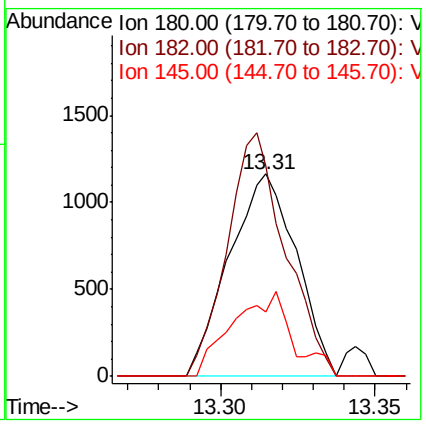


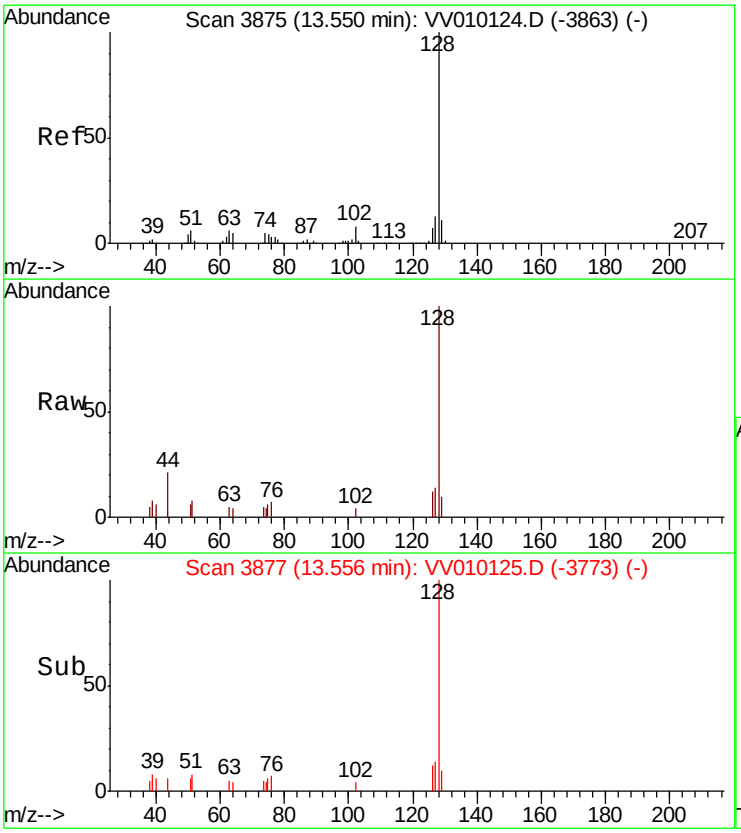
#68
1,2,4-trichlorobenzene
Concen: 0.441 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Tgt Ion:180 Resp: 1756

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.7	113.5#
145	10.0	24.6	37.0#

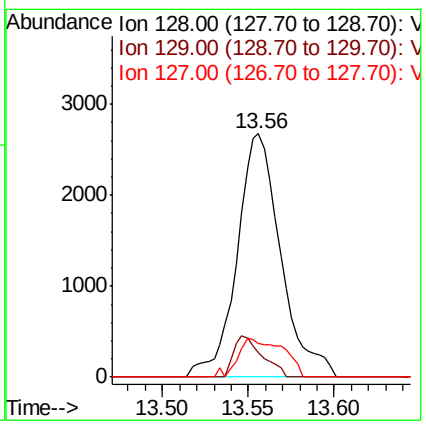


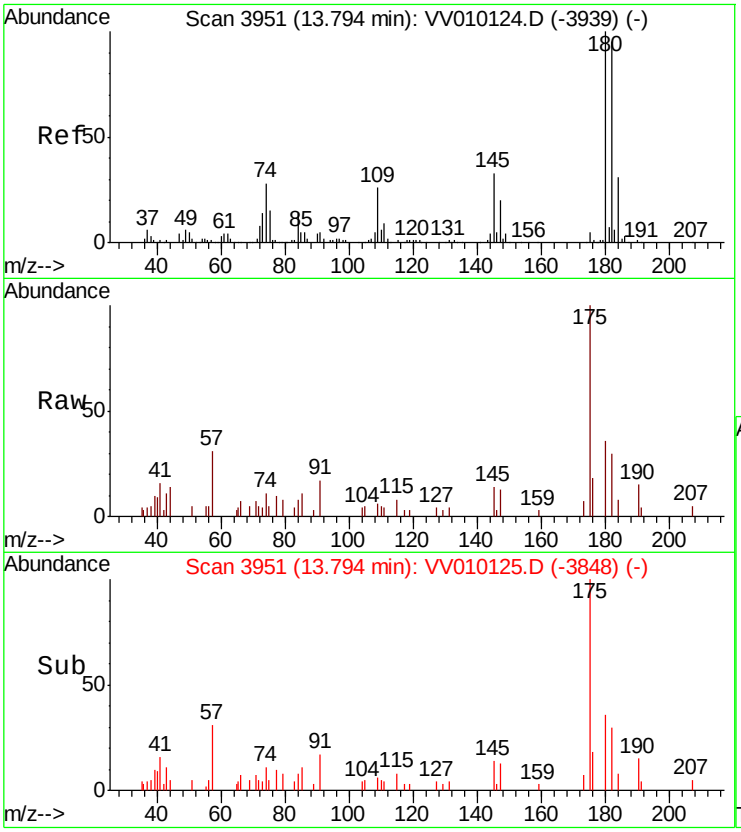


#69
Naphthalene
Concen: 0.714 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Tgt Ion:128 Resp: 4733

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	15.8	11.0	16.4





#70
1,2,3-Trichlorobenzene
Concen: 0.532 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VV010125.D
Acq: 05 Apr 2019 11:39

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Tgt Ion:180 Resp: 1979

Ion	Ratio	Lower	Upper
180	100		
182	87.0	74.1	111.1
145	37.4	25.8	38.8