Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032719\

Quantitation Report (Not Reviewed)

Data File : VV009947.D
Acq On : 28 Mar 2019 00:47
Operator : SY/MD
Sample : K2128-09
Misc : 5.34G/10mL/MSVOA_V/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF1H9

Quant Time: Mar 28 07:21:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148120	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31511	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	79862	26.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.28%			
7) Chloroethane-d5	1.55	69	93164	28.70	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.80%			
10) 1,1-Dichloroethene-d2	2.11	63	167398	20.36	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.44%			
20) 2-Butanone-d5	3.92	46	40611	72.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 145.02%#			
24) Chloroform-d	4.39	84	108901	28.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.44%			
26) 1,2-Dichloroethane-d4	5.07	65	70338	30.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 123.88%			
29) Benzene-d6	5.09	84	212108	33.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 135.36%#			
33) 1,2-Dichloropropane-d6	6.11	67	68020	37.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.36%#			
37) Toluene-d8	7.36	98	175307	29.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.20%			
38) trans-1,3-Dichloropropene-	7.66	79	19389	25.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.36%			
39) 2-Hexanone-d5	8.13	63	23938	69.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.86%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55934	30.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.20%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	34134	28.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.80%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.11	96	1574	0.434	ug/L #	1
13) Acetone	2.18	43	44106	52.010	ug/L	96
14) Carbon disulfide	2.30	76	4741	0.967	ug/L	99
15) Methyl Acetate	2.46	43	537	0.541	ug/L #	64
16) Methylene chloride	2.52	84	6238	2.557	ug/L	93
21) 2-Butanone	4.01	43	9371	12.408	ug/L	83
42) cis-1,3-Dichloropropene	7.03	75	1788	0.749	ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	5527	4.194	ug/L	89

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

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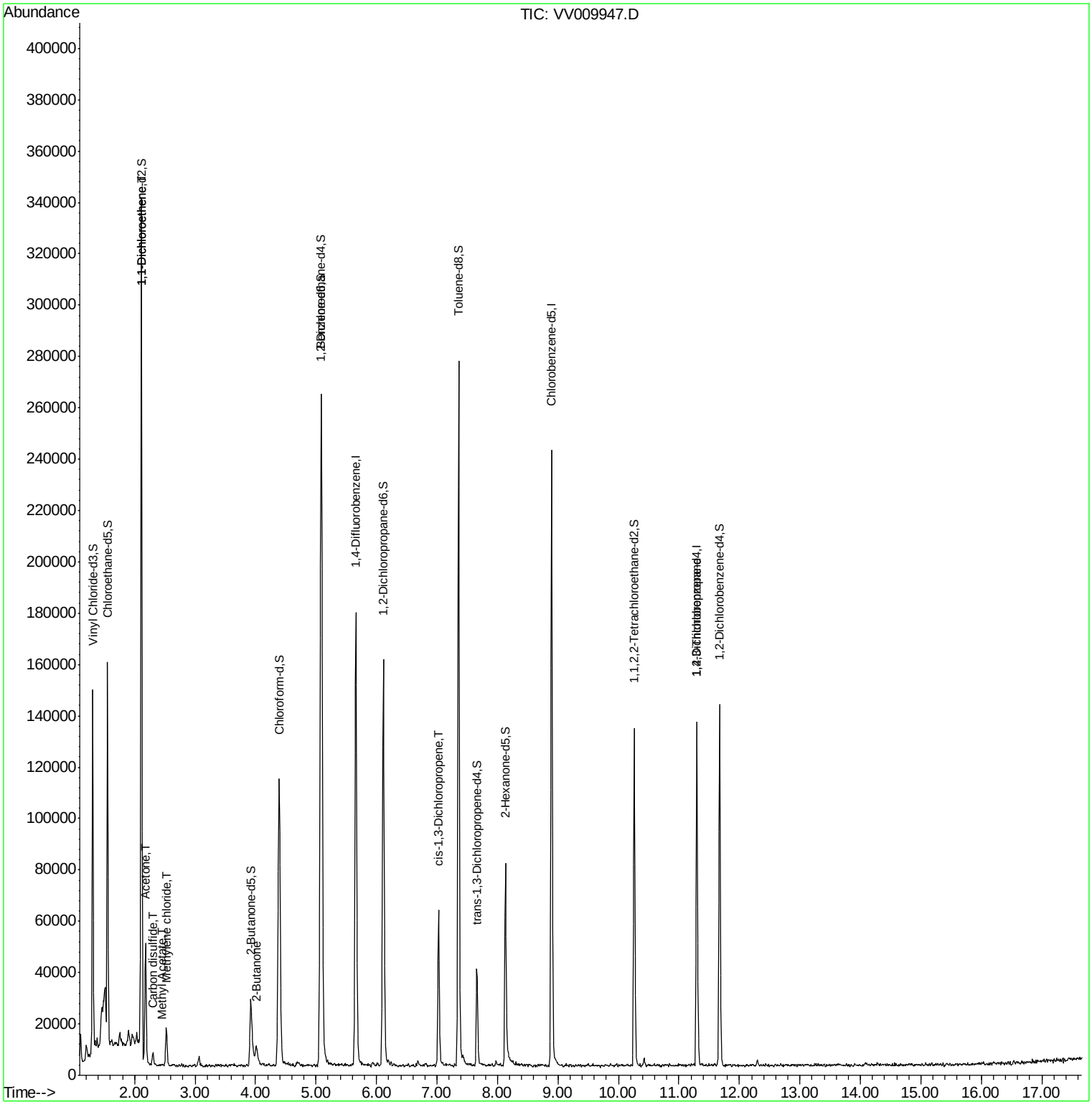
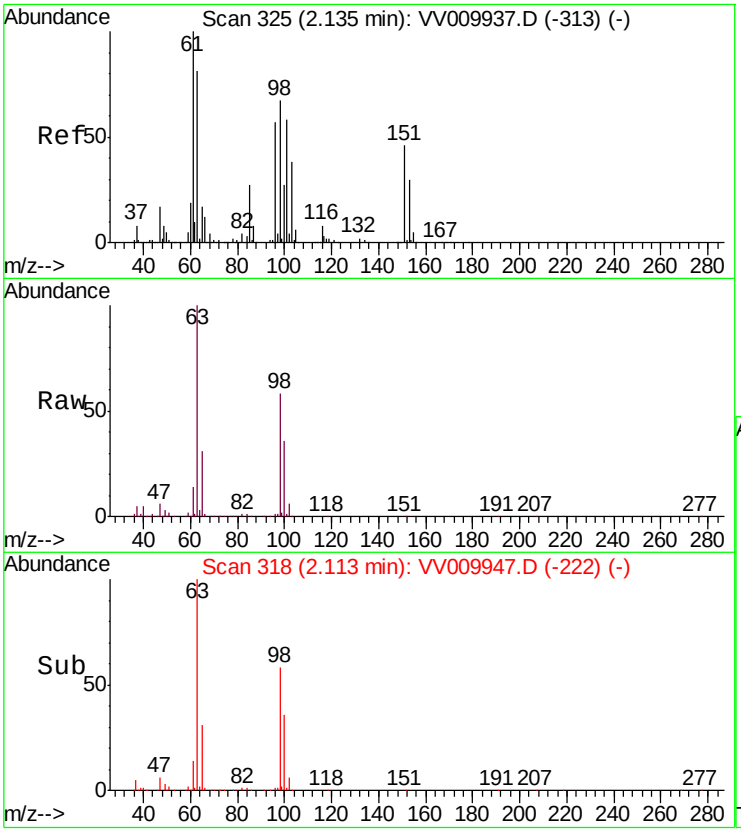
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration



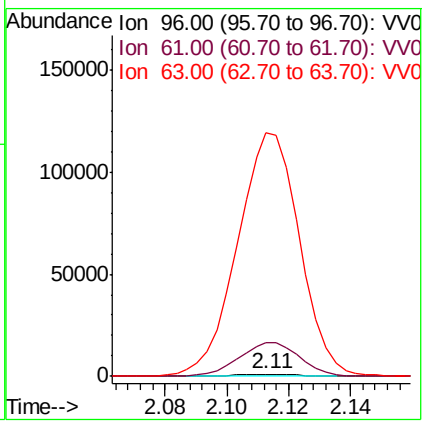


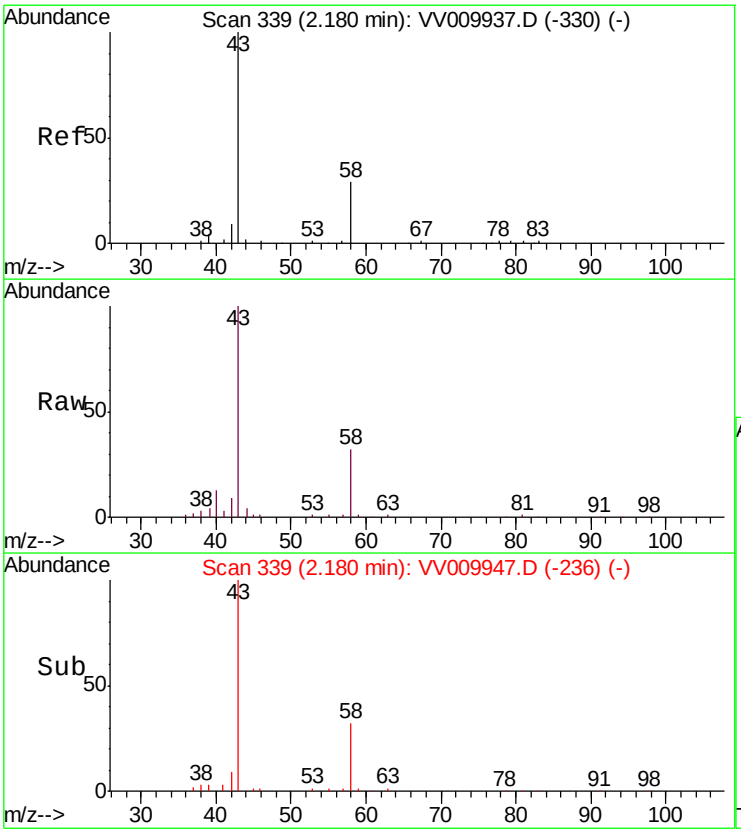
#12
1,1-Dichloroethene
Concen: 0.434 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Tgt Ion: 96 Resp: 1574

Ion	Ratio	Lower	Upper
96	100		
61	1480.9	124.3	230.8#
63	10766.1	88.2	163.8#

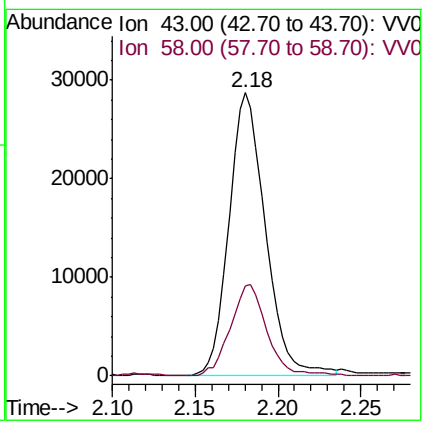


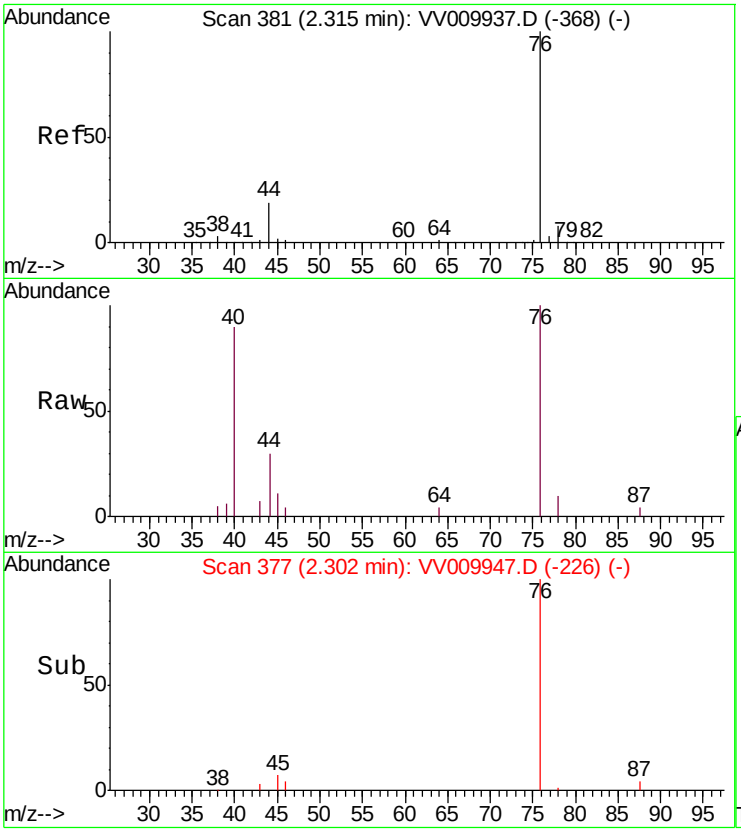


#13
Acetone
Concen: 52.010 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.00 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Tgt Ion: 43 Resp: 44106

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	59.4



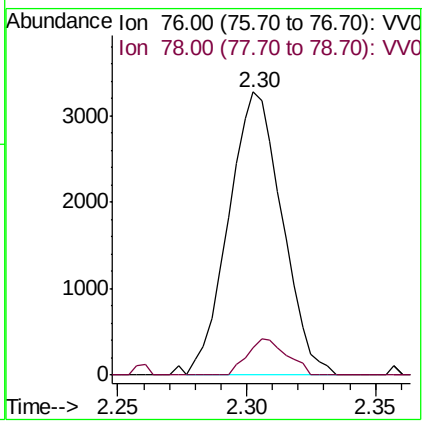


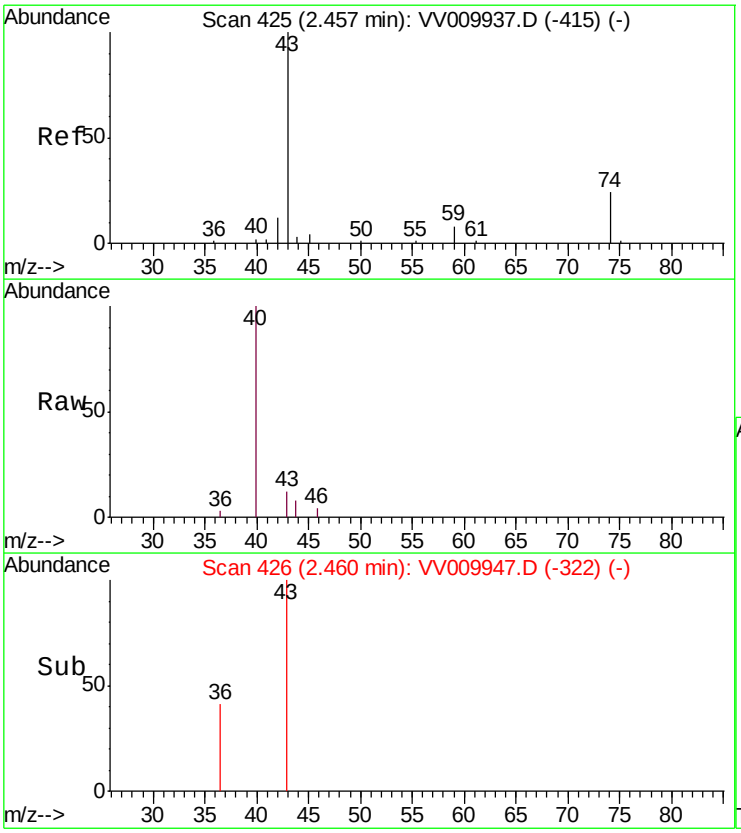
#14
Carbon disulfide
Concen: 0.967 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.01 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Instrument : MSVOA_V
ClientSampleId : BF1H9

Tgt Ion: 76 Resp: 4741

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

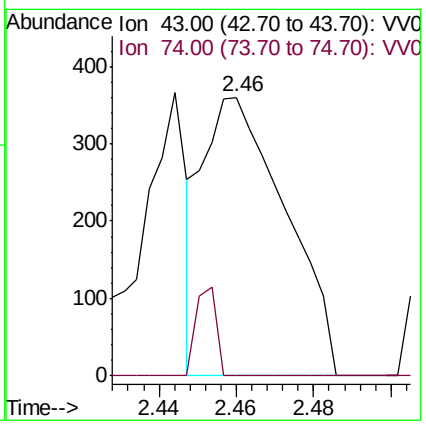


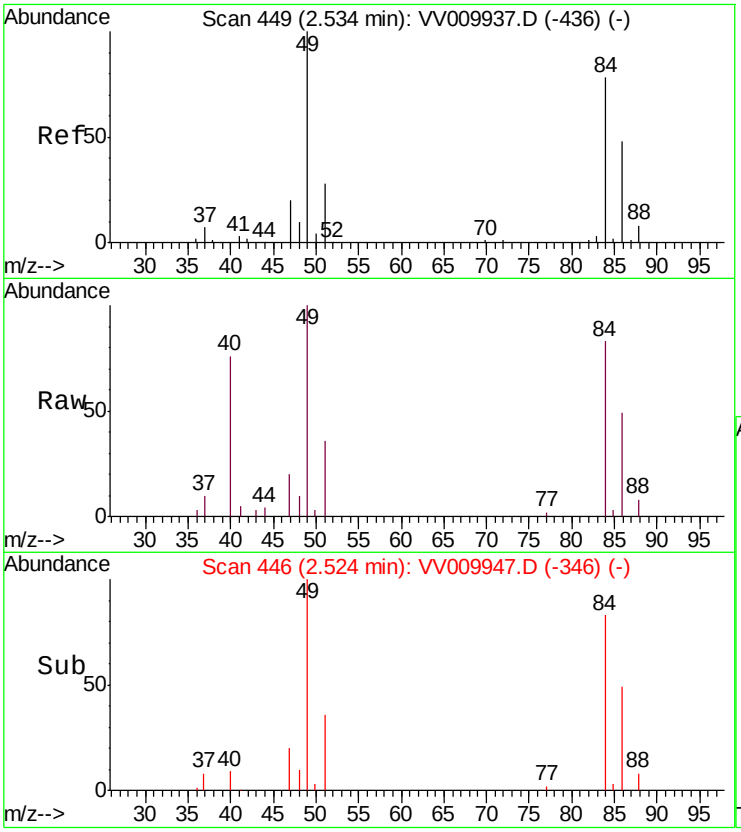


#15
Methyl Acetate
Concen: 0.541 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Tgt Ion: 43 Resp: 537

Ion	Ratio	Lower	Upper
43	100		
74	7.8	20.9	31.3#



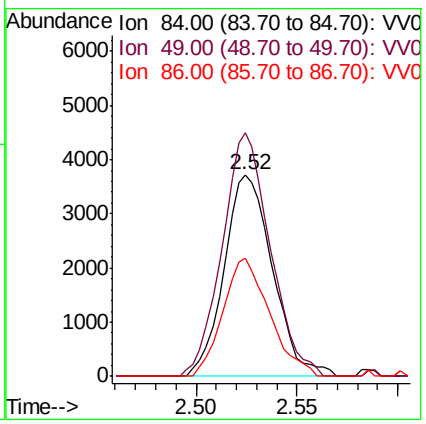


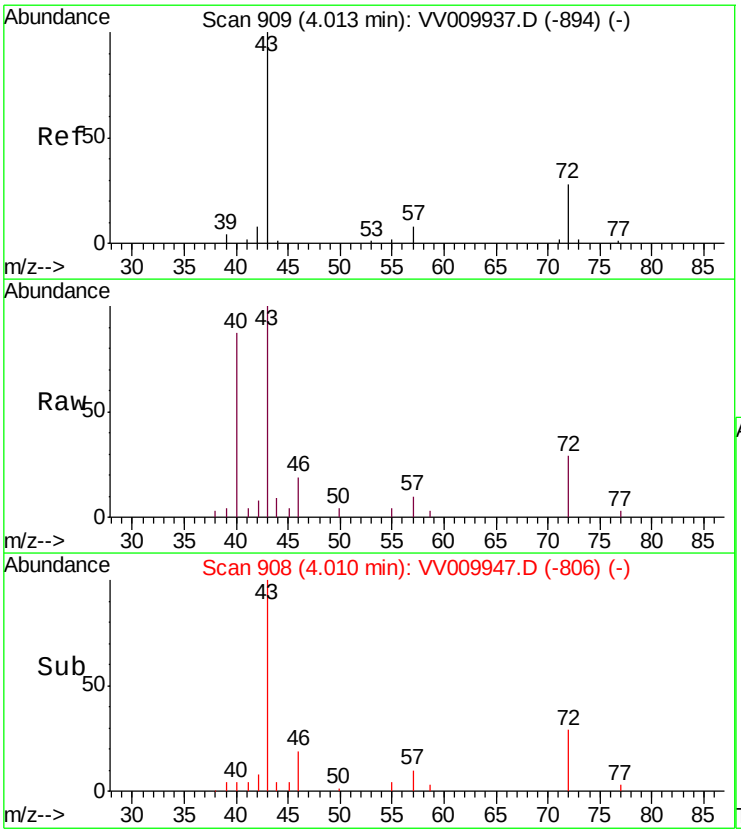
#16
Methylene chloride
Concen: 2.557 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Tgt Ion: 84 Resp: 6238

Ion	Ratio	Lower	Upper
84	100		
49	120.7	90.4	167.8
86	58.7	44.0	81.6

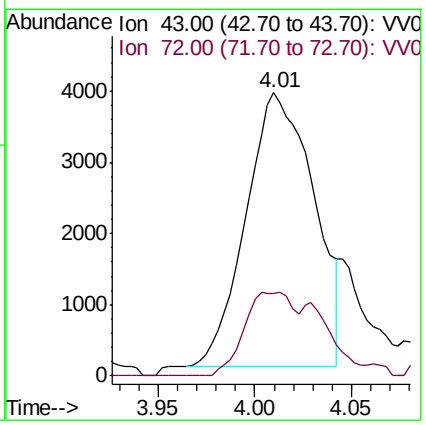


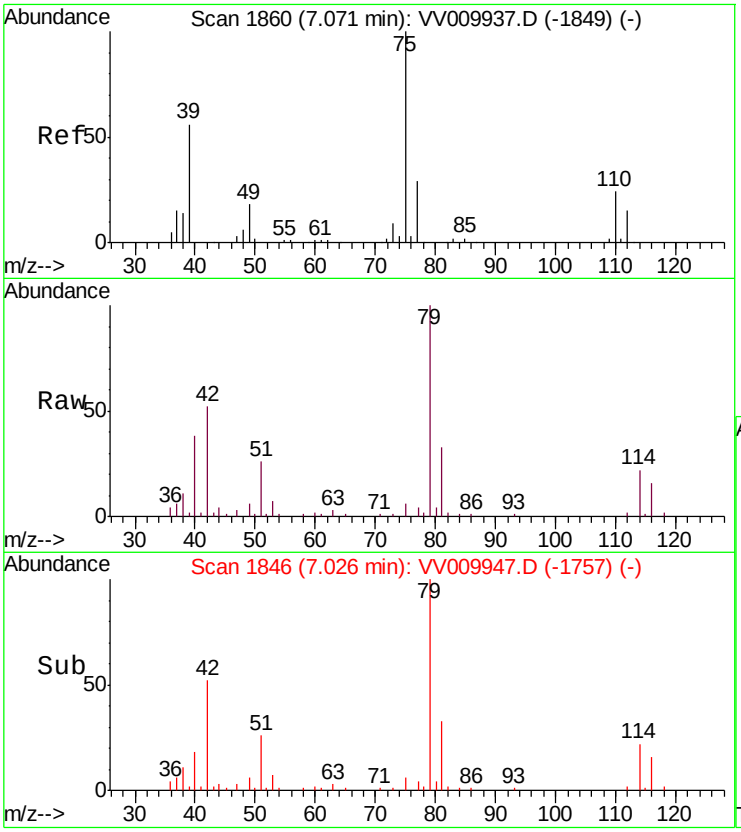


#21
2-Butanone
Concen: 12.408 ug/L
RT: 4.01 min Scan# 908
Delta R.T. -0.00 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Tgt Ion: 43 Resp: 9371

Ion	Ratio	Lower	Upper
43	100		
72	14.2	11.1	33.1



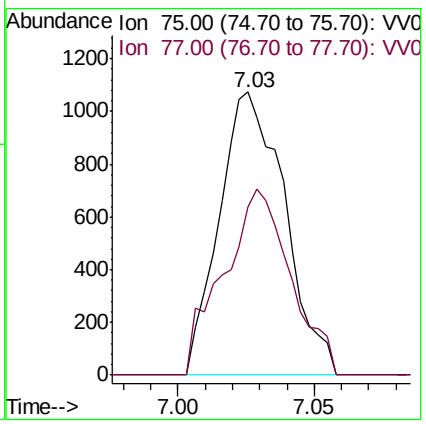


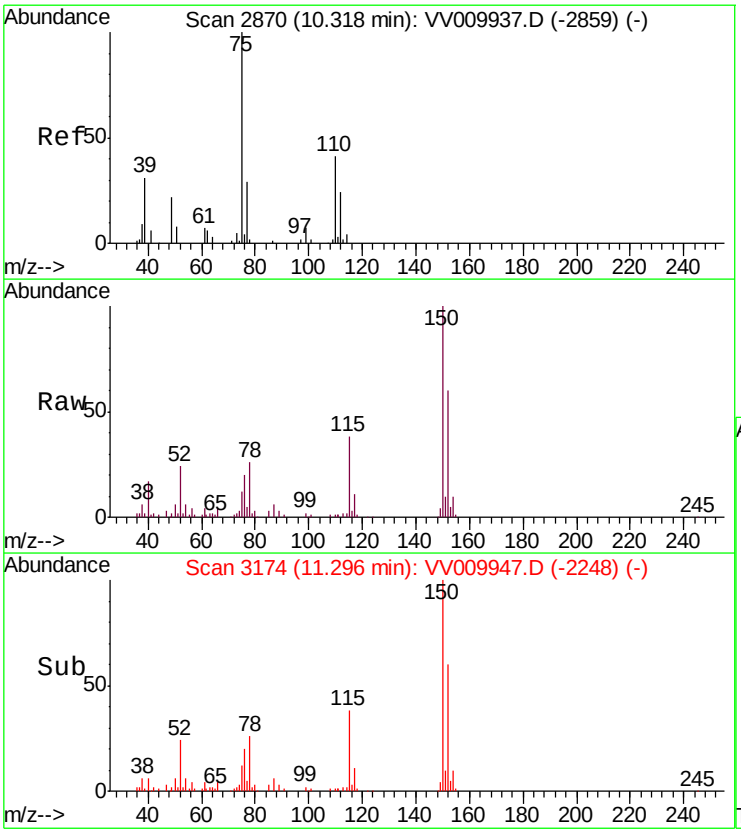
#42
cis-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Instrument :
MSVOA_V
ClientSampleId :
BF1H9

Tgt Ion: 75 Resp: 1788

Ion	Ratio	Lower	Upper
75	100		
77	59.6	21.8	40.6#





#59
1,2,3-Trichloropropane
Concen: 4.194 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009947.D
Acq: 28 Mar 2019 00:47

Tgt Ion: 75 Resp: 5527

Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.2	39.2