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

Quantitation Report (Not Reviewed)

Data File : VV009941.D
Acq On : 27 Mar 2019 22:10
Operator : SY/MD
Sample : K2128-03
Misc : 5.75G/10mL/MSVOA_V/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0L8

Quant Time: Mar 28 07:20:38 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	147866	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50998	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66918	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.20%			
7) Chloroethane-d5	1.56	69	82295	25.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.56%			
10) 1,1-Dichloroethene-d2	2.12	63	156080	19.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.08%			
20) 2-Butanone-d5	4.01	46	463	0.83	ug/L	0.08
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.66%#			
24) Chloroform-d	4.40	84	83920	22.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.12%			
26) 1,2-Dichloroethane-d4	5.08	65	57332	25.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.16%			
29) Benzene-d6	5.10	84	198846	26.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.48%			
33) 1,2-Dichloropropane-d6	6.12	67	60018	27.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.84%			
37) Toluene-d8	7.36	98	170920	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.80%			
38) trans-1,3-Dichloropropene-	7.66	79	18631	20.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.60%			
39) 2-Hexanone-d5	8.13	63	21423	52.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.06%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52105	23.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	49718	25.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.44%			
Target Compounds						Qvalue
13) Acetone	2.18	43	13220	15.616	ug/L	93
16) Methylene chloride	2.53	84	5168	2.122	ug/L	91
21) 2-Butanone	4.04	43	794	1.053	ug/L #	76
25) Chloroform	4.42	83	13534	3.455	ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	1682	0.586	ug/L #	58
45) trans-1,3-Dichloropropene	7.67	75	1240	0.527	ug/L	85
59) 1,2,3-Trichloropropane	11.30	75	8568	5.405	ug/L	96

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

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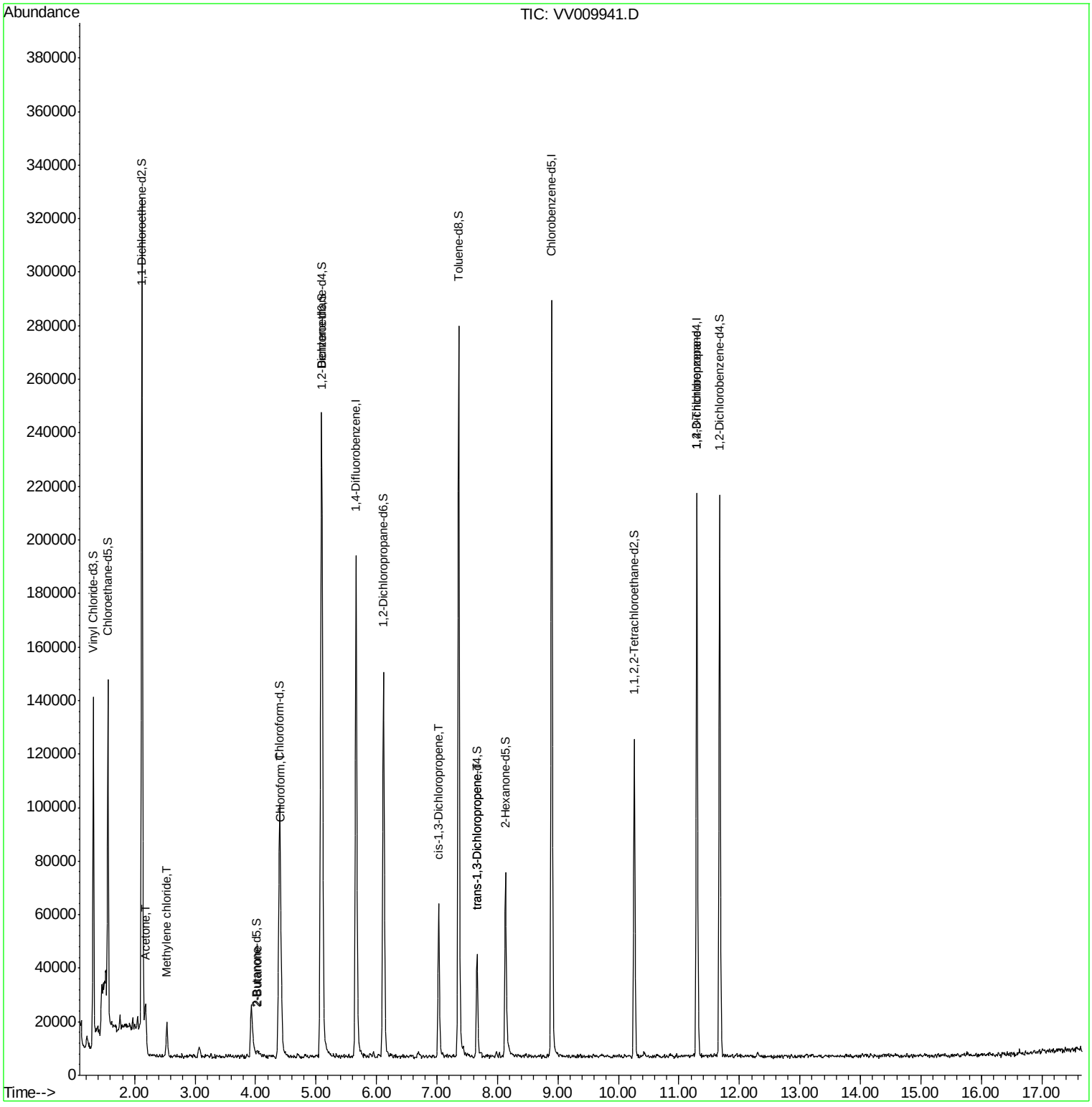
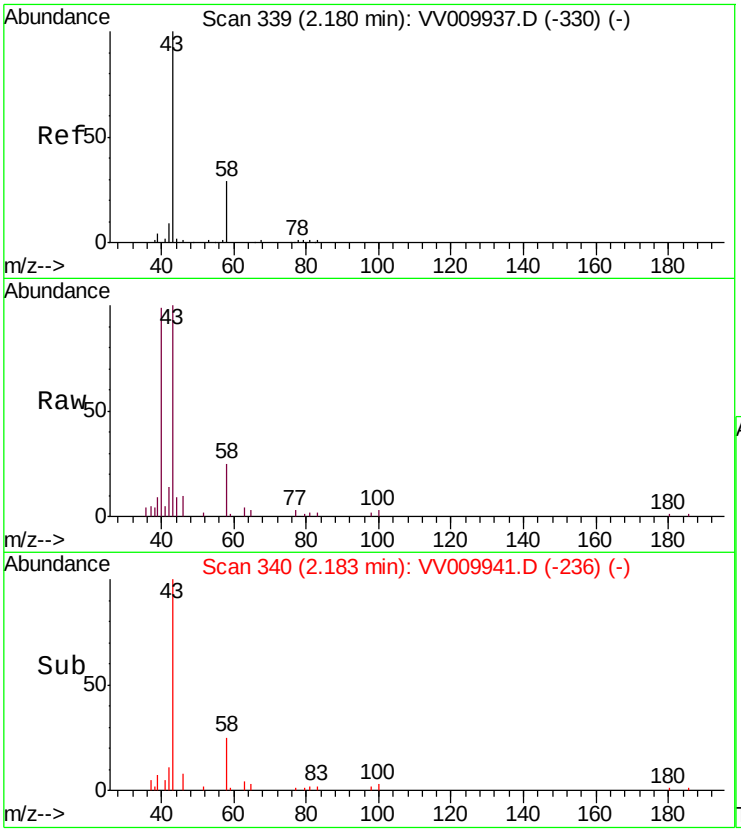
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration



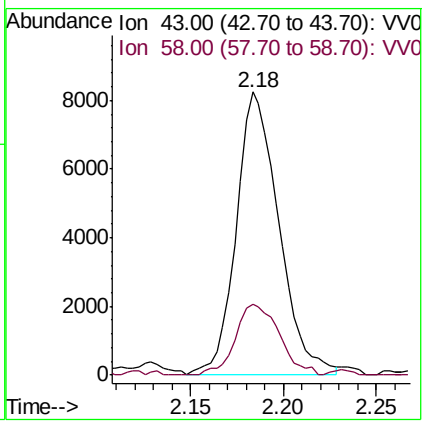


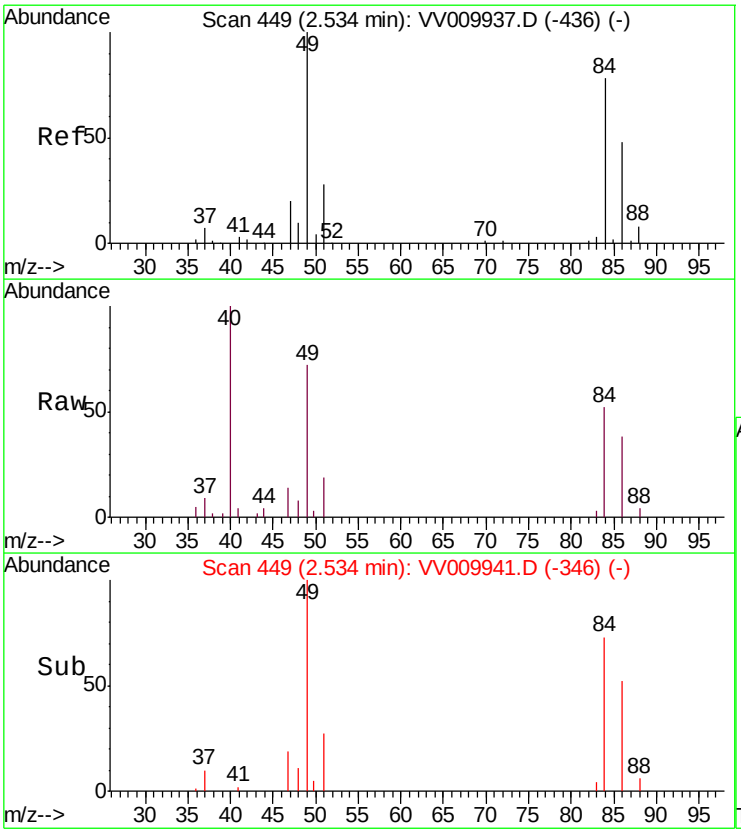
#13
Acetone
Concen: 15.616 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Instrument : MSVOA_V
ClientSampleId : BF0L8

Tgt Ion: 43 Resp: 13220

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	59.4

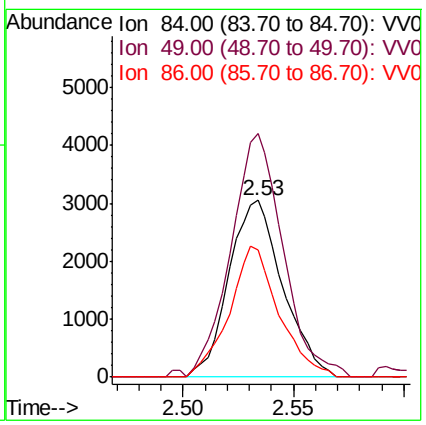


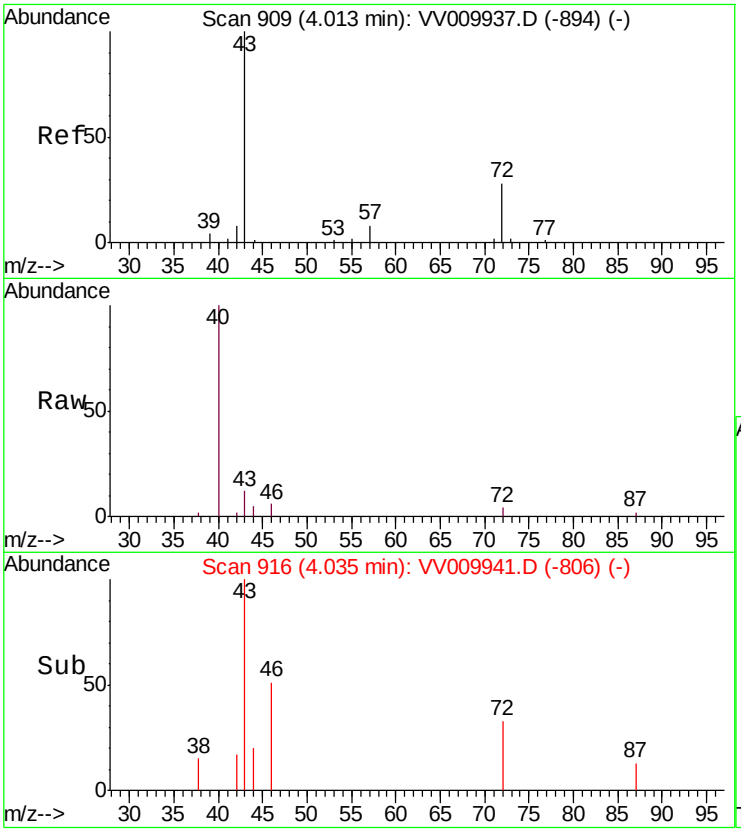


#16
Methylene chloride
Concen: 2.122 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Tgt Ion: 84 Resp: 5168

Ion	Ratio	Lower	Upper
84	100		
49	137.5	90.4	167.8
86	72.0	44.0	81.6



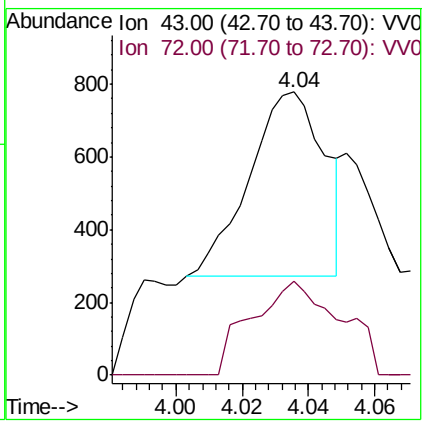


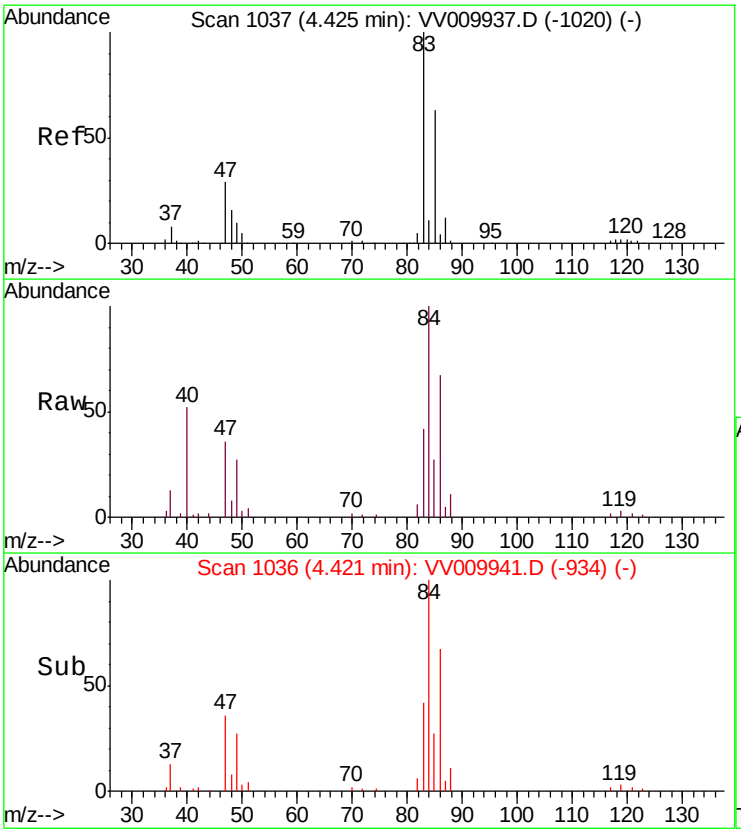
#21
2-Butanone
Concen: 1.053 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Instrument : MSVOA_V
ClientSampleId : BF0L8

Tgt Ion: 43 Resp: 794

Ion	Ratio	Lower	Upper
43	100		
72	10.7	11.1	33.1#

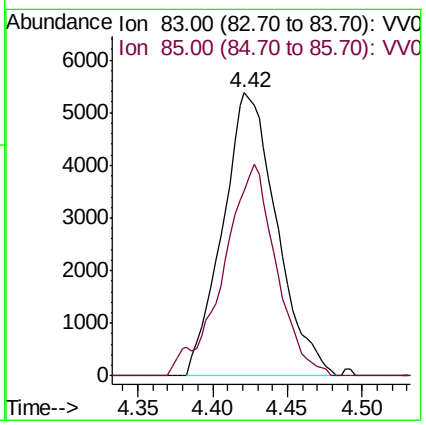


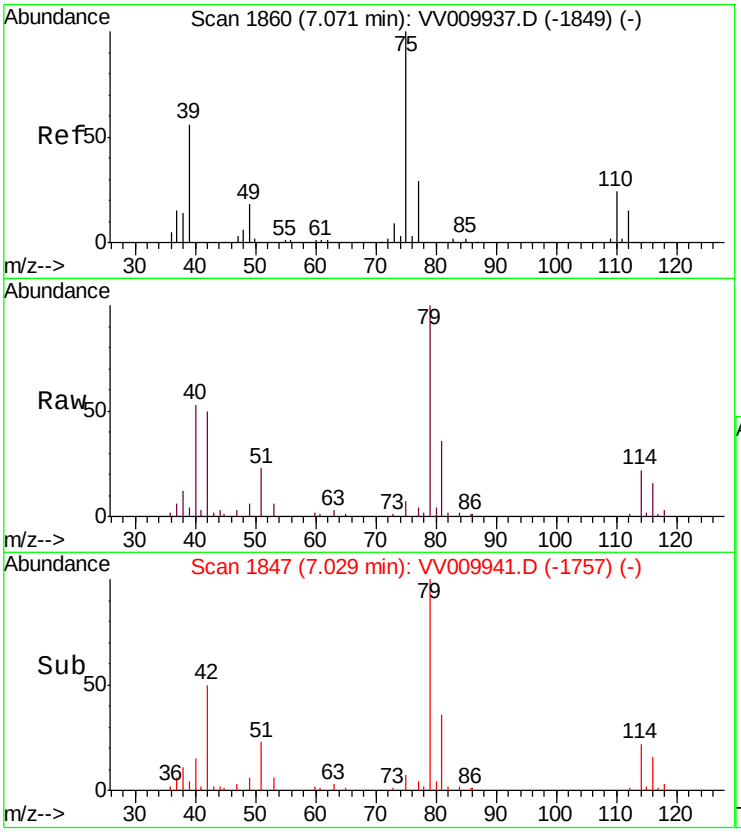


#25
Chloroform
Concen: 3.455 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Tgt Ion: 83 Resp: 13534

Ion	Ratio	Lower	Upper
83	100		
85	70.0	46.1	85.7



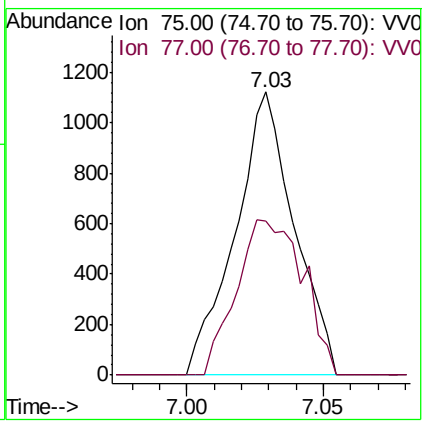


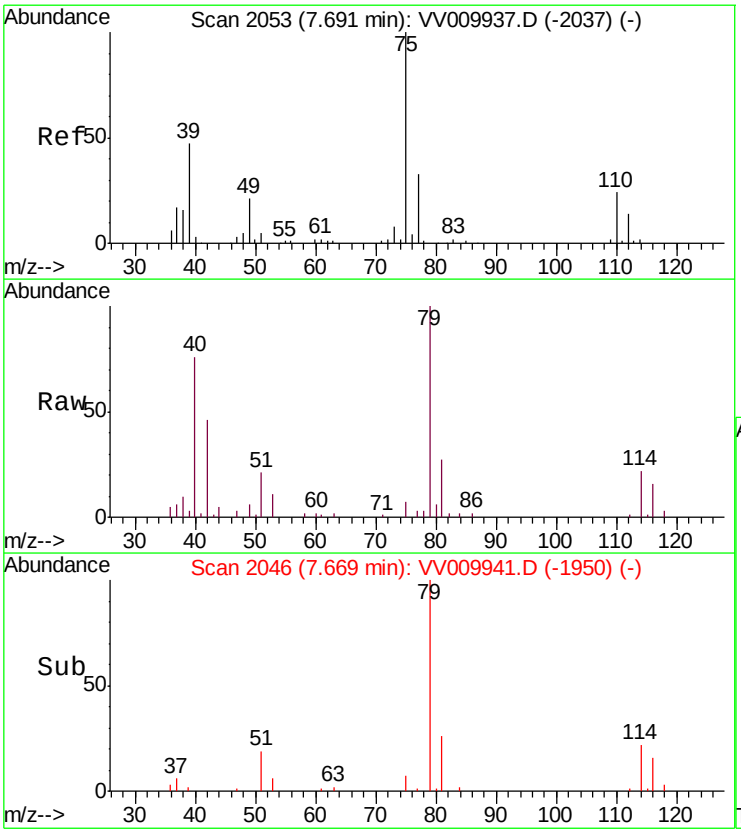
#42
cis-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Instrument :
MSVOA_V
ClientSampleId :
BF0L8

Tgt Ion: 75 Resp: 1682

Ion	Ratio	Lower	Upper
75	100		
77	54.5	21.8	40.6#

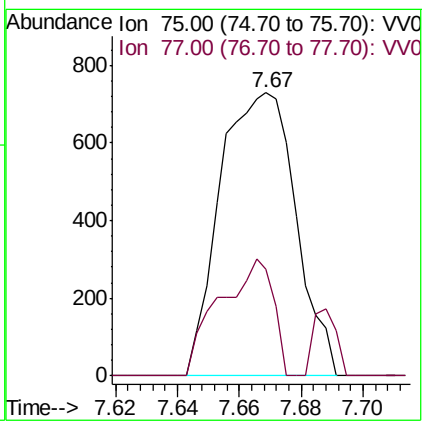


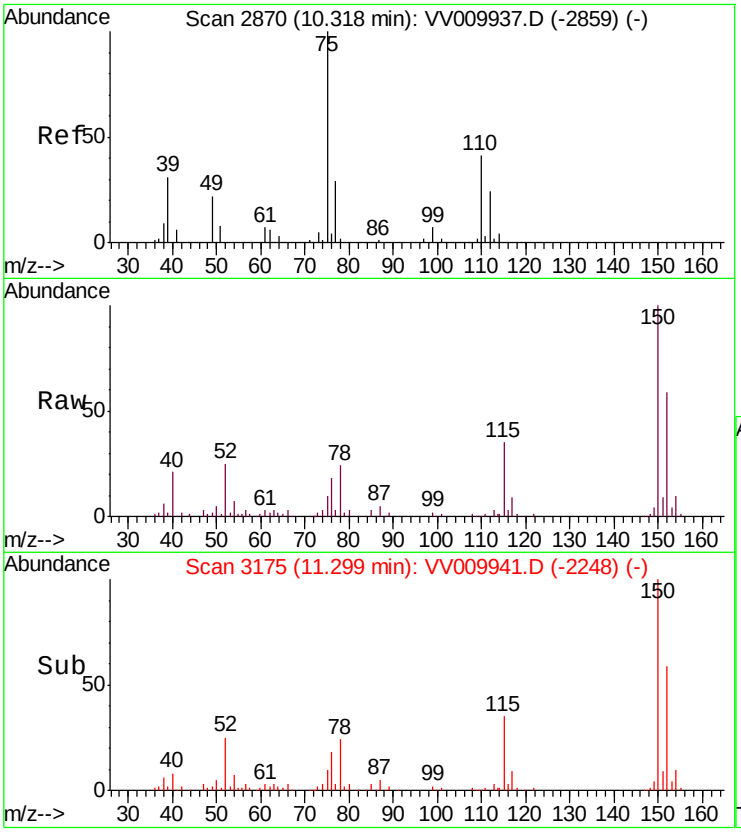


#45
trans-1,3-Dichloropropene
Concen: 0.527 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Tgt Ion: 75 Resp: 1240

Ion	Ratio	Lower	Upper
75	100		
77	37.9	20.7	38.5





#59
1,2,3-Trichloropropane
Concen: 5.405 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009941.D
Acq: 27 Mar 2019 22:10

Instrument :
MSVOA_V
ClientSampleId :
BF0L8

Tgt Ion: 75 Resp: 8568

Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.2	39.2