Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010032.D
Acq On : 30 Mar 2019 20:41
Operator : SY/MD
Sample : K2119-03
Misc : 4.92G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5A0

Quant Time: Mar 30 23:36:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143774	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61221	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62479	21.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.68%			
7) Chloroethane-d5	1.57	69	74480	23.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.56%			
10) 1,1-Dichloroethene-d2	2.12	63	136836	17.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.60%			
20) 2-Butanone-d5	3.93	46	30246	55.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.26%			
24) Chloroform-d	4.40	84	91972	25.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.44%			
26) 1,2-Dichloroethane-d4	5.08	65	62487	28.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.40%			
29) Benzene-d6	5.10	84	199342	26.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.36%			
33) 1,2-Dichloropropane-d6	6.12	67	61546	27.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.20%			
37) Toluene-d8	7.36	98	170068	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.96%			
38) trans-1,3-Dichloropropene-	7.66	79	20176	22.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.12%			
39) 2-Hexanone-d5	8.13	63	22908	55.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56899	25.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.84%			
61) 1,2-Dichlorobenzene-d4	11.68	152	62071	26.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.52%			
Target Compounds						Qvalue
13) Acetone	2.19	43	31900	38.754	ug/L	98
16) Methylene chloride	2.53	84	5126	2.165	ug/L	94
25) Chloroform	4.43	83	10701	2.809	ug/L #	64
42) cis-1,3-Dichloropropene	7.03	75	2196	0.762	ug/L #	82
45) trans-1,3-Dichloropropene	7.67	75	1354	0.574	ug/L	89
50) Dibromochloromethane	8.02	129	847	0.499	ug/L #	8
59) 1,2,3-Trichloropropane	11.30	75	8962	5.633	ug/L	91

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

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QLast Update : Sat Mar 30 23:31:11 2019
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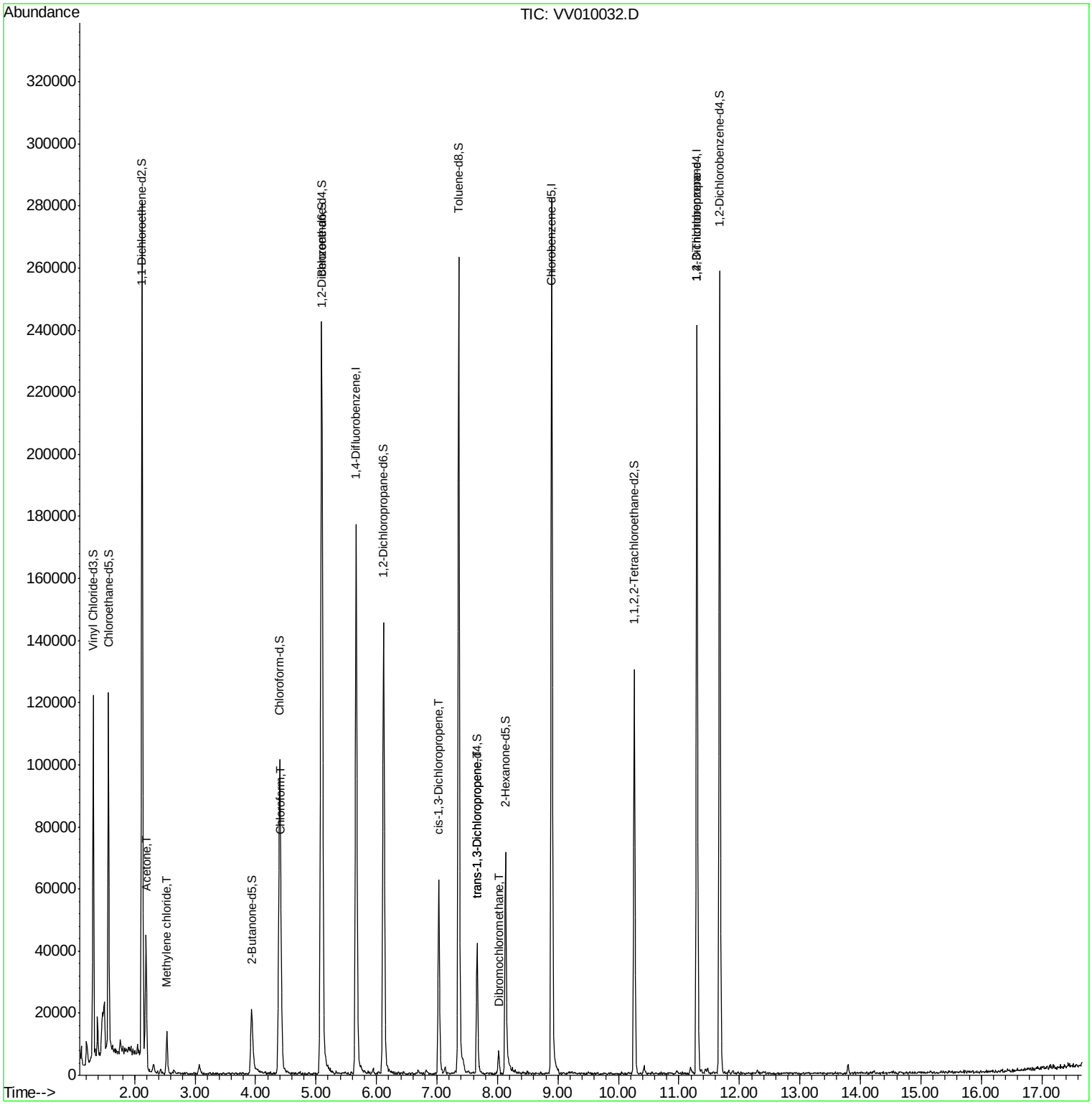
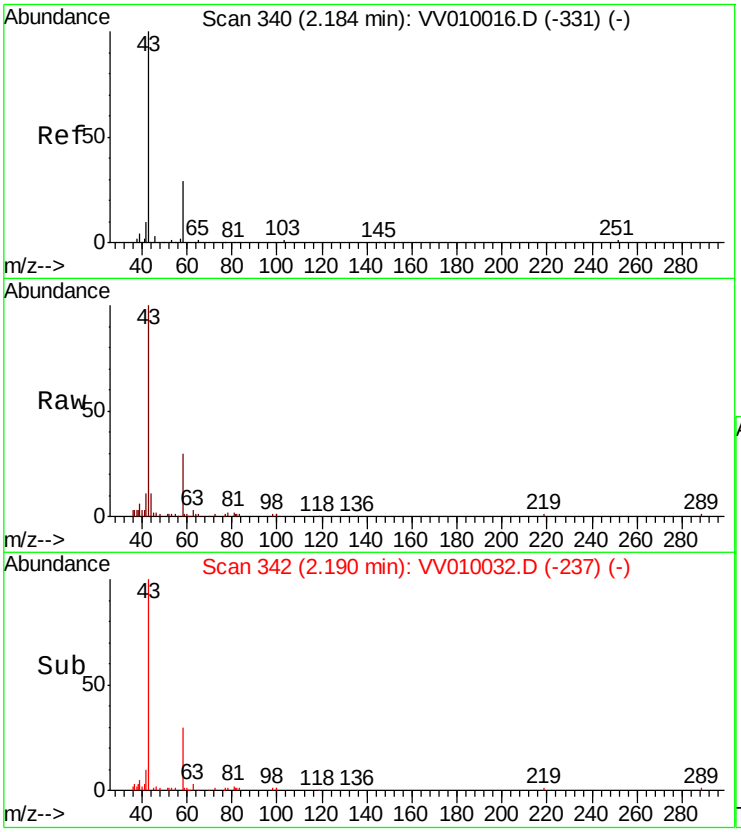


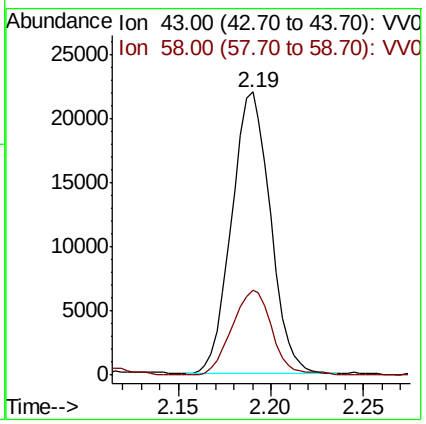


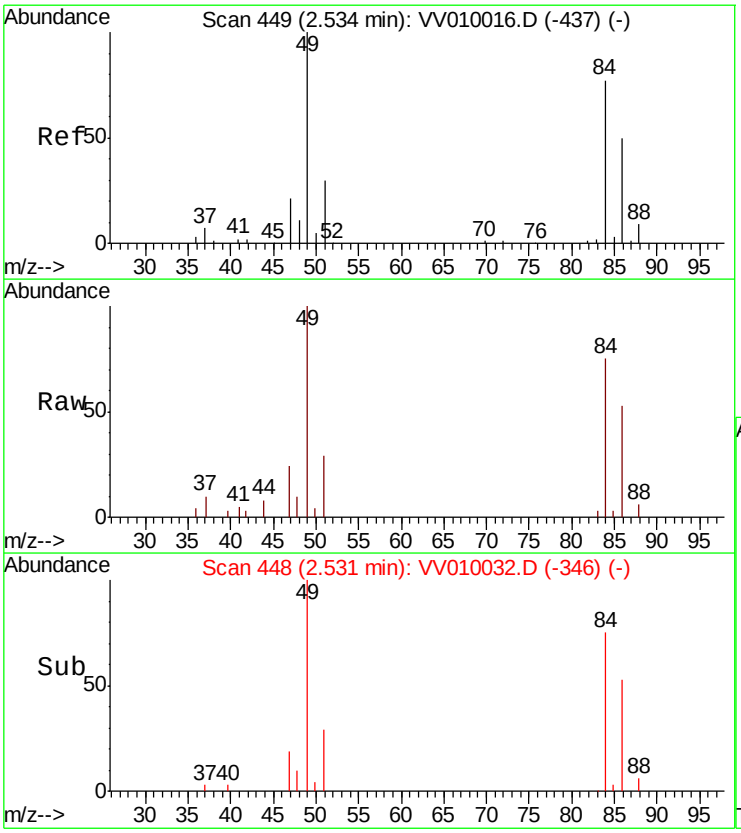
#13
Acetone
Concen: 38.754 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Instrument :
MSVOA_V
ClientSampleId :
BF5A0

Tgt Ion: 43 Resp: 31900

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	59.4

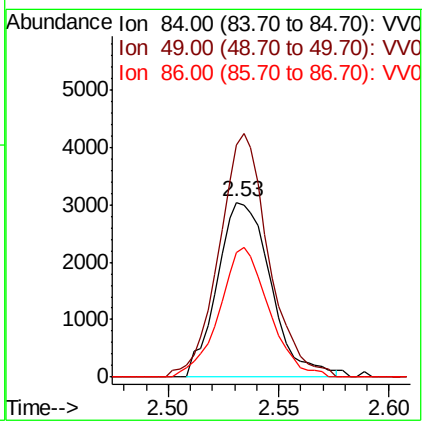


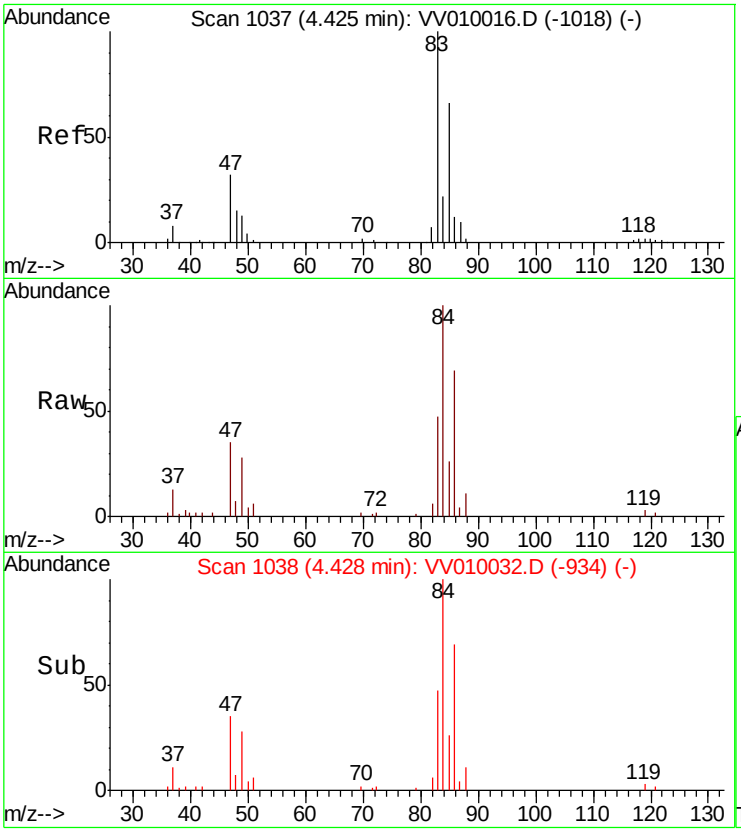


#16
Methylene chloride
Concen: 2.165 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Tgt Ion: 84 Resp: 5126

Ion	Ratio	Lower	Upper
84	100		
49	132.9	90.4	167.8
86	71.0	44.0	81.6



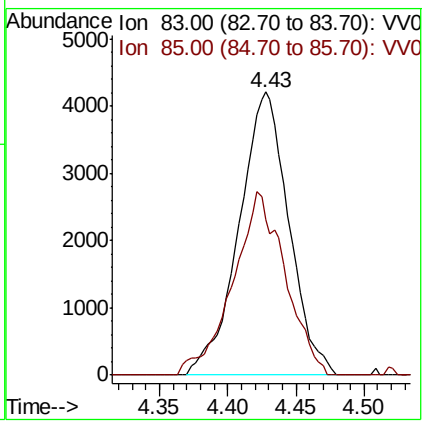


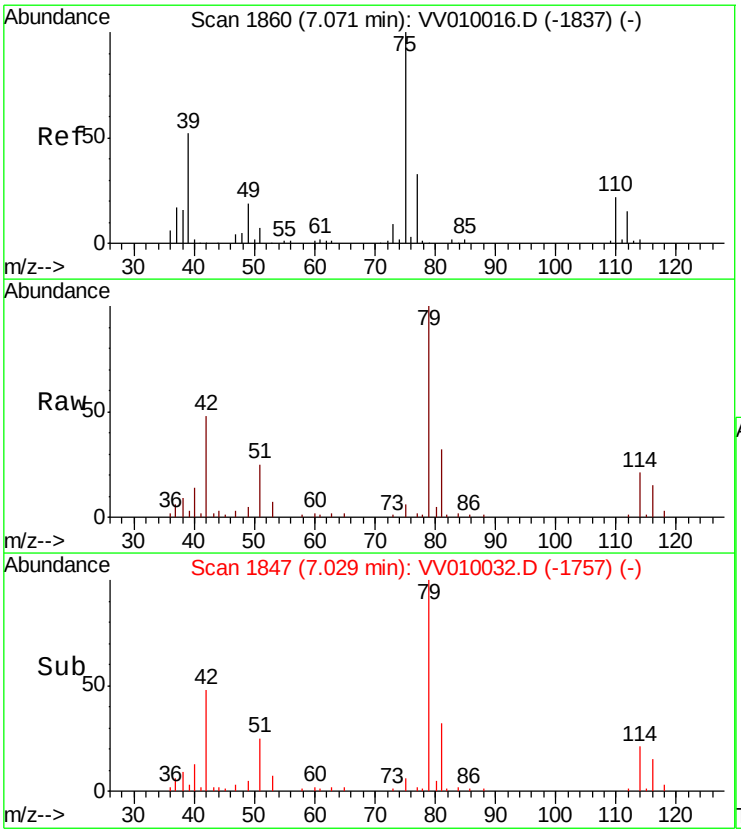
#25
Chloroform
Concen: 2.809 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Instrument : MSVOA_V
ClientSampleId : BF5A0

Tgt Ion: 83 Resp: 10701

Ion	Ratio	Lower	Upper
83	100		
85	36.9	46.1	85.7#

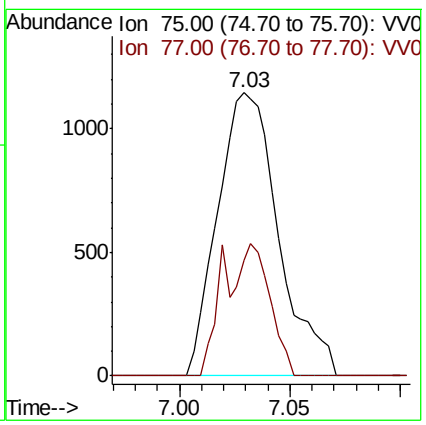


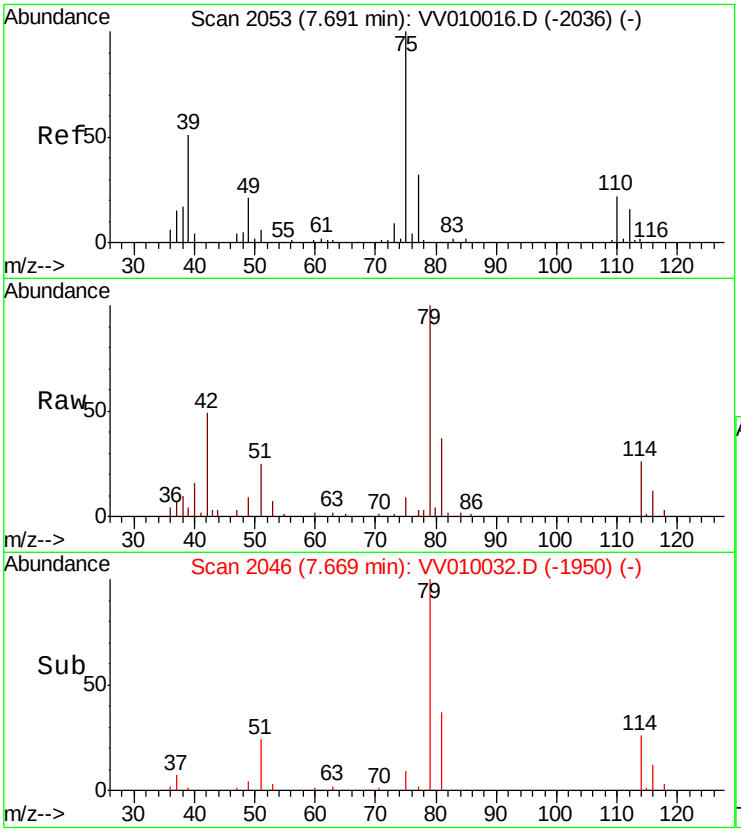


#42
cis-1,3-Dichloropropene
Concen: 0.762 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Tgt Ion: 75 Resp: 2196

Ion	Ratio	Lower	Upper
75	100		
77	40.9	21.8	40.6#



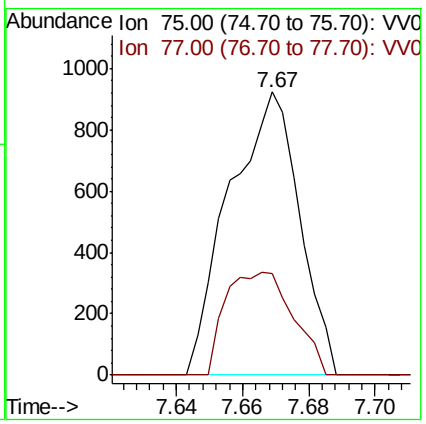


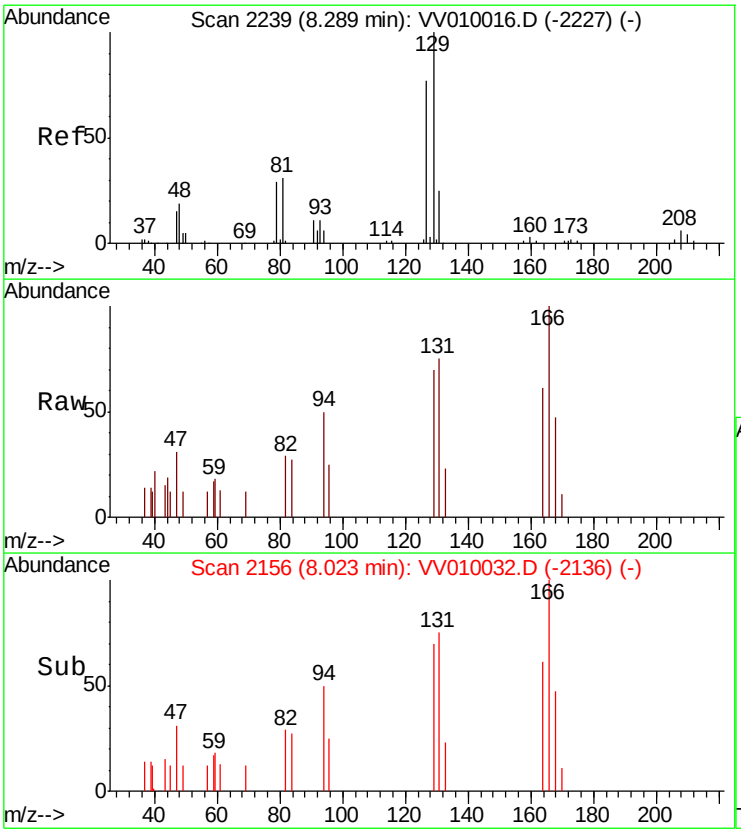
#45
trans-1,3-Dichloropropene
Concen: 0.574 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Instrument :
MSVOA_V
ClientSampleId :
BF5A0

Tgt Ion: 75 Resp: 1354

Ion	Ratio	Lower	Upper
75	100		
77	35.8	20.7	38.5

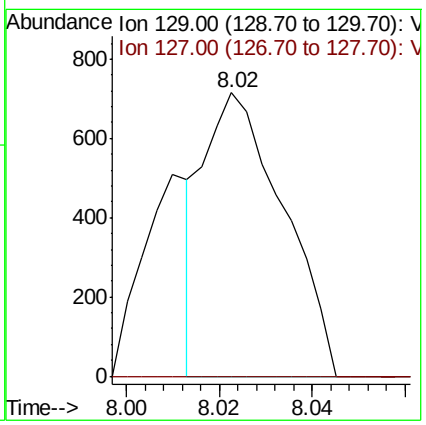


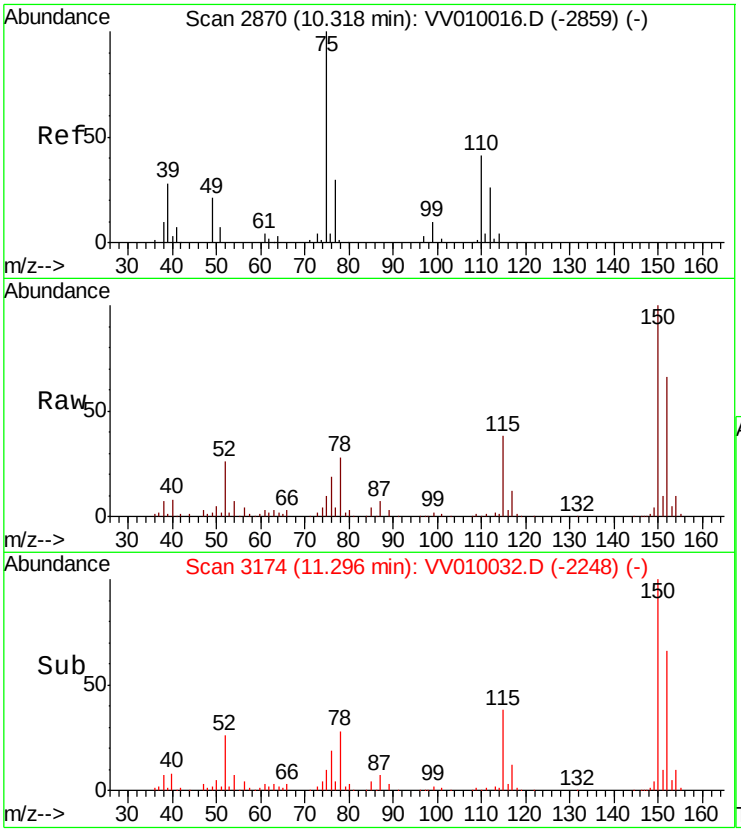


#50
Dibromochloromethane
Concen: 0.499 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Tgt Ion:129 Resp: 847

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.9	107.5#





#59
1,2,3-Trichloropropane
Concen: 5.633 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010032.D
Acq: 30 Mar 2019 20:41

Instrument :
MSVOA_V
ClientSampleId :
BF5A0

Tgt Ion: 75 Resp: 8962

Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.2	39.2