Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010151.D
Acq On : 06 Apr 2019 14:17
Operator : SY/MD
Sample : K2259-17
Misc : 5.43G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETJ47

Quant Time: Apr 07 00:53:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	229808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202327	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66225	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35829	11.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 46.60%			
7) Chloroethane-d5	1.57	69	43032	11.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 45.04%			
10) 1,1-Dichloroethene-d2	2.13	63	83282	10.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 42.92%#			
20) 2-Butanone-d5	3.94	46	51998	59.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.80%			
24) Chloroform-d	4.40	84	131689	22.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.08	65	87153	26.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.64%			
29) Benzene-d6	5.10	84	245584	23.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.64%			
33) 1,2-Dichloropropane-d6	6.12	67	85147	27.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.00%			
37) Toluene-d8	7.36	98	209477	20.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.88%			
38) trans-1,3-Dichloropropene-	7.66	79	26903	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.28%			
39) 2-Hexanone-d5	8.13	63	33535	54.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.00%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78625	25.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	62425	24.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.80%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	4985	1.587	ug/L #	1
13) Acetone	2.19	43	4076	4.709	ug/L	94
14) Carbon disulfide	2.32	76	13570	2.081	ug/L	96
16) Methylene chloride	2.53	84	7072	1.752	ug/L	89
18) trans-1,2-Dichloroethene	2.79	96	37371	13.618	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	3277348	1075.527	ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	2237	0.618	ug/L #	64
59) 1,2,3-Trichloropropane	11.30	75	8163	3.998	ug/L	91

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

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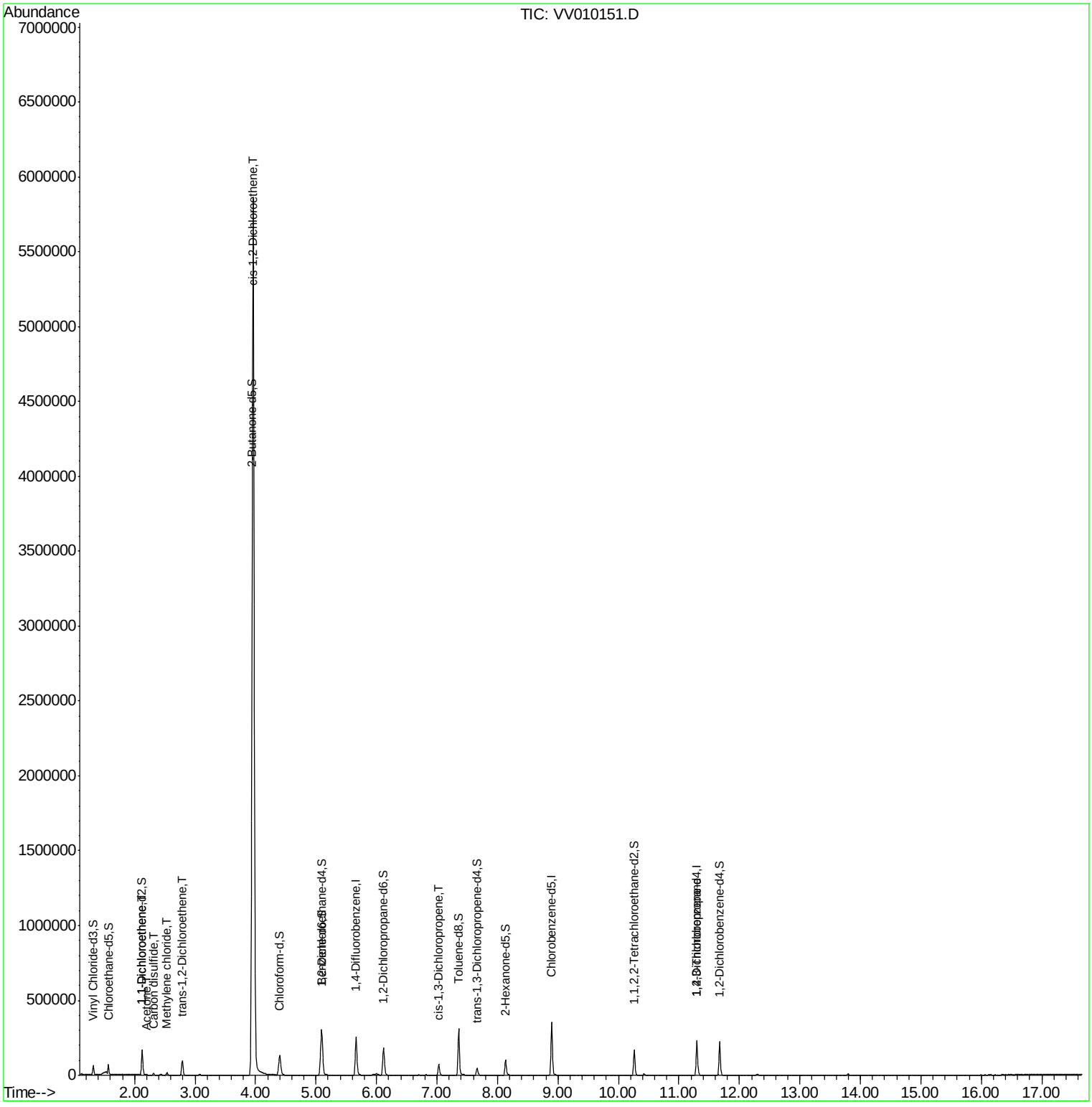
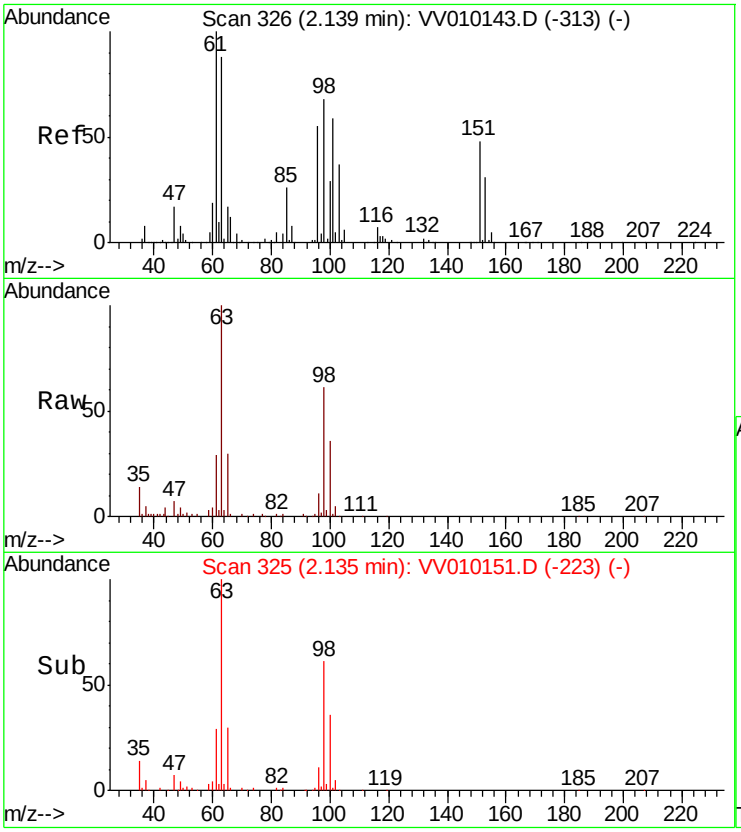


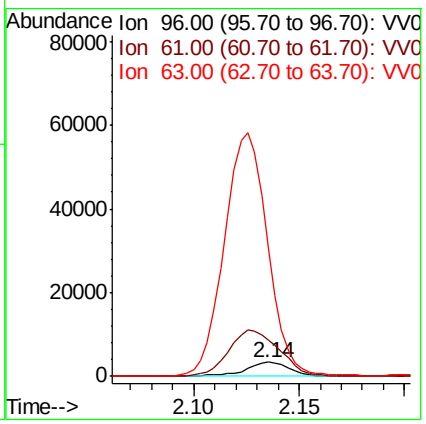


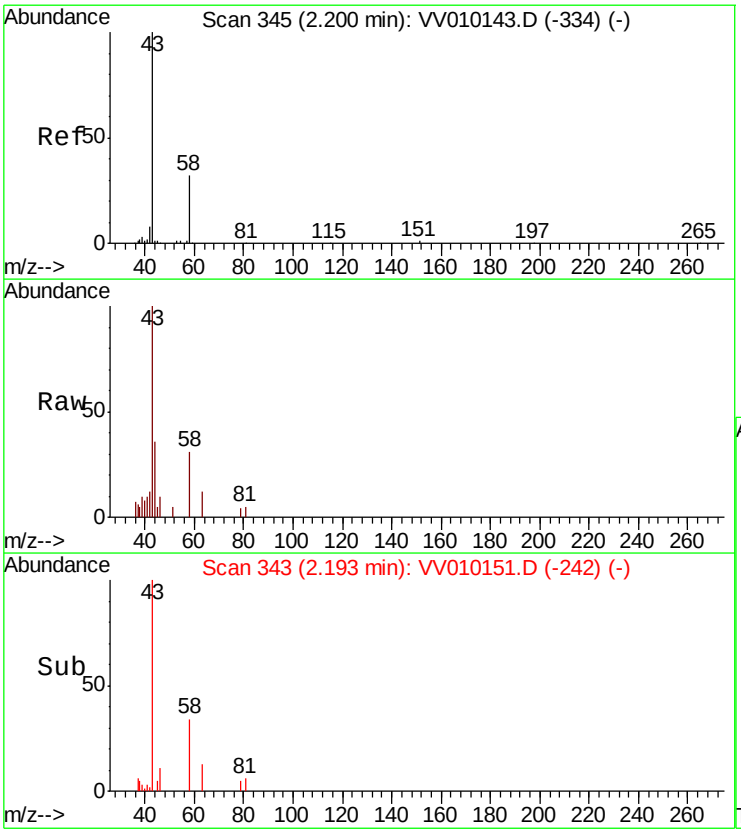
#12
1,1-Dichloroethene
Concen: 1.587 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Instrument :
MSVOA_V
ClientSampleId :
ETJ47

Tgt Ion: 96 Resp: 4985

Ion	Ratio	Lower	Upper
96	100		
61	263.2	127.8	237.4#
63	923.0	112.6	209.2#

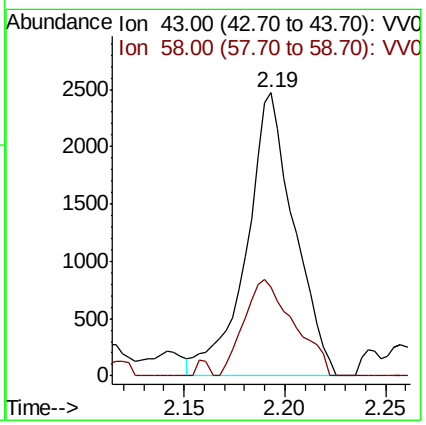


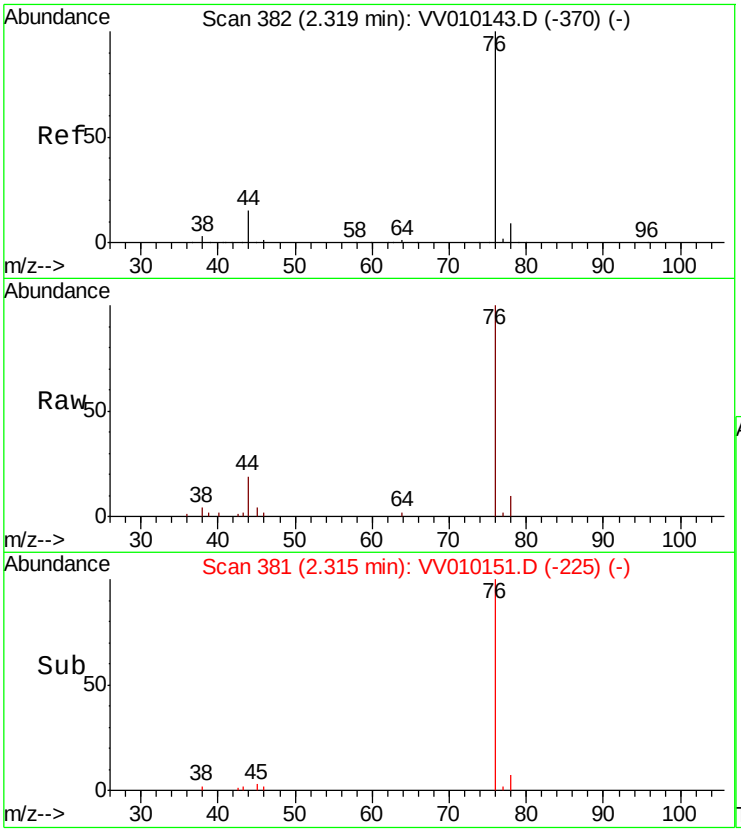


#13
Acetone
Concen: 4.709 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Tgt Ion: 43 Resp: 4076

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	64.6



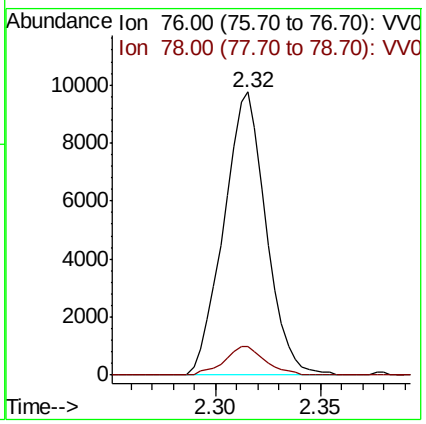


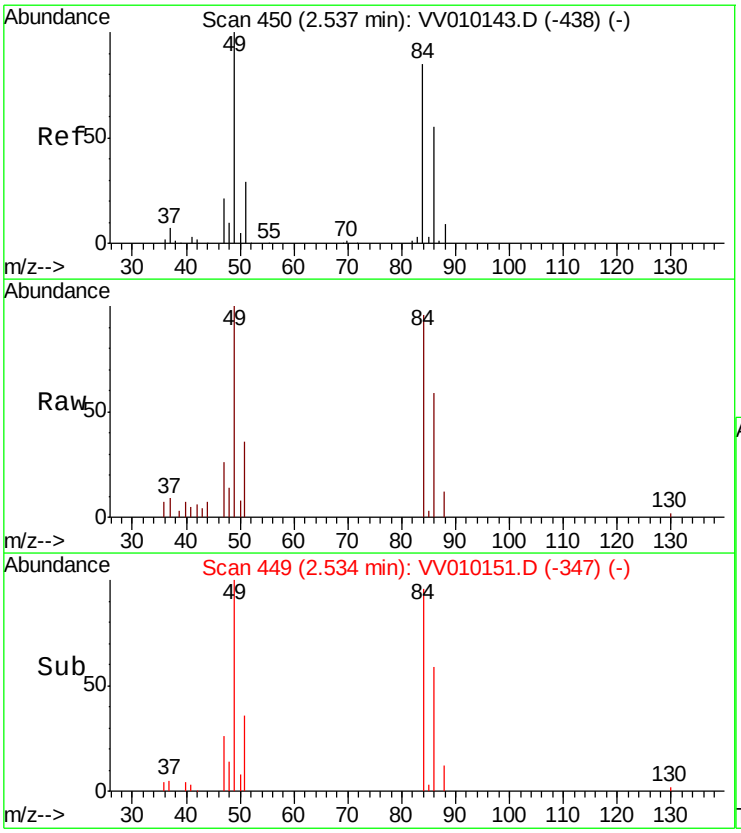
#14
Carbon disulfide
Concen: 2.081 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Instrument : MSVOA_V
ClientSampleId : ETJ47

Tgt Ion: 76 Resp: 13570

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.1	10.7

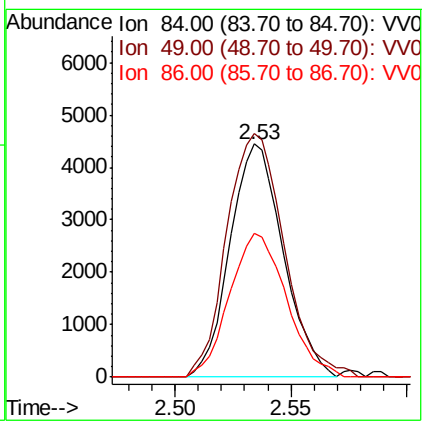


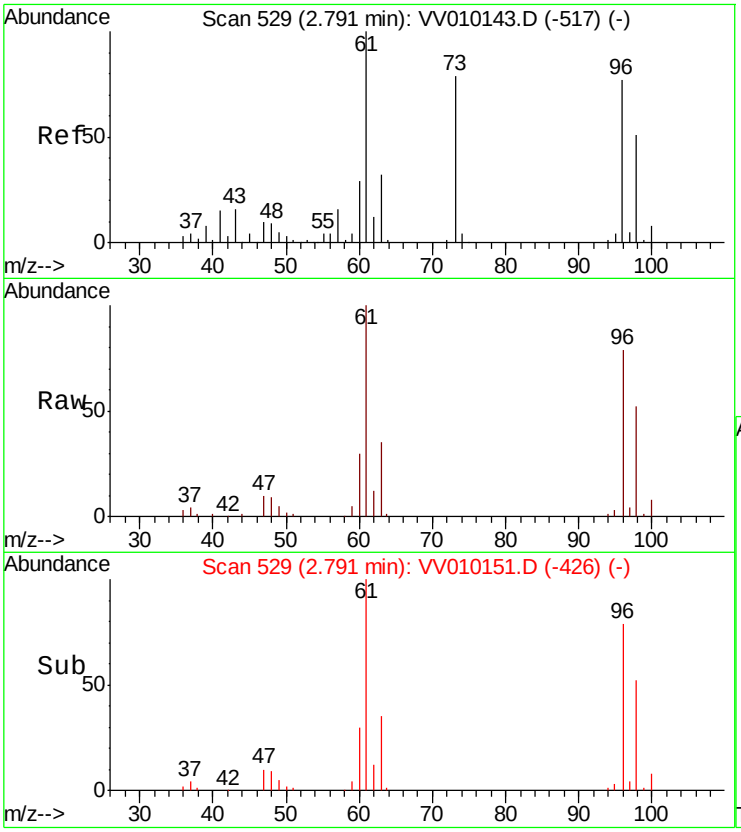


#16
Methylene chloride
Concen: 1.752 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Tgt Ion: 84 Resp: 7072

Ion	Ratio	Lower	Upper
84	100		
49	104.5	84.3	156.5
86	61.5	45.4	84.2



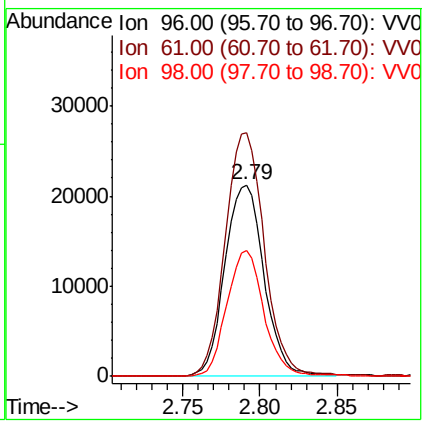


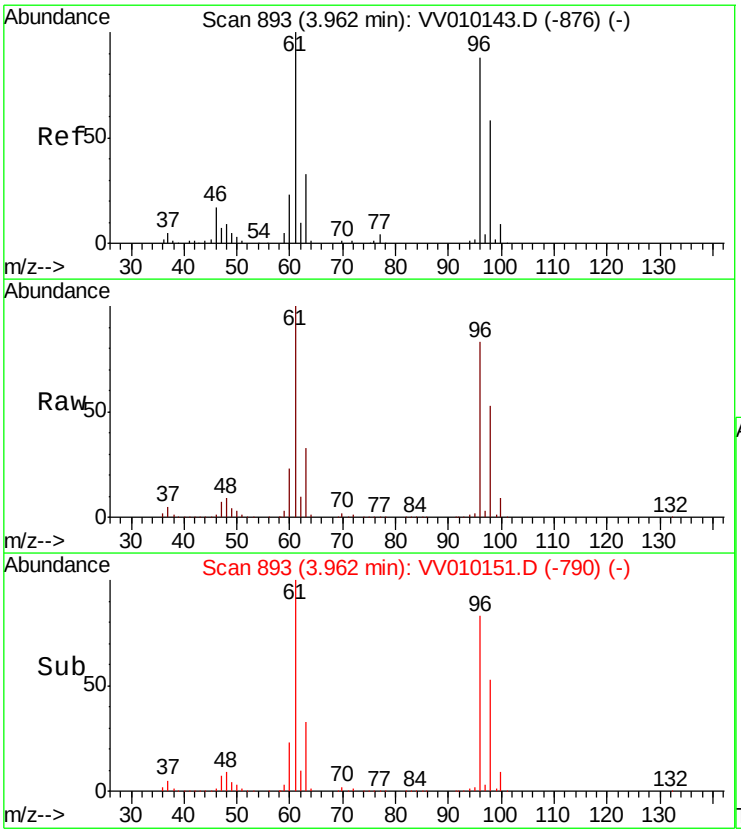
#18
trans-1,2-Dichloroethene
Concen: 13.618 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Instrument :
MSVOA_V
ClientSampleId :
ETJ47

Tgt Ion: 96 Resp: 37371

Ion	Ratio	Lower	Upper
96	100		
61	127.2	90.0	167.2
98	65.8	44.2	82.2

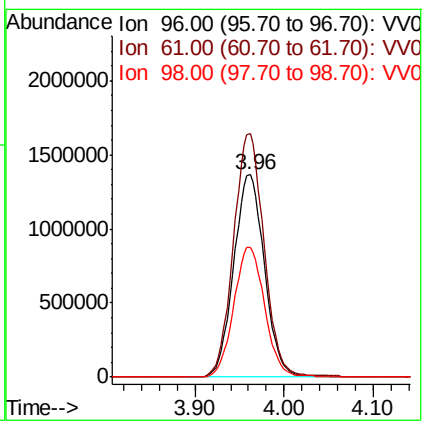


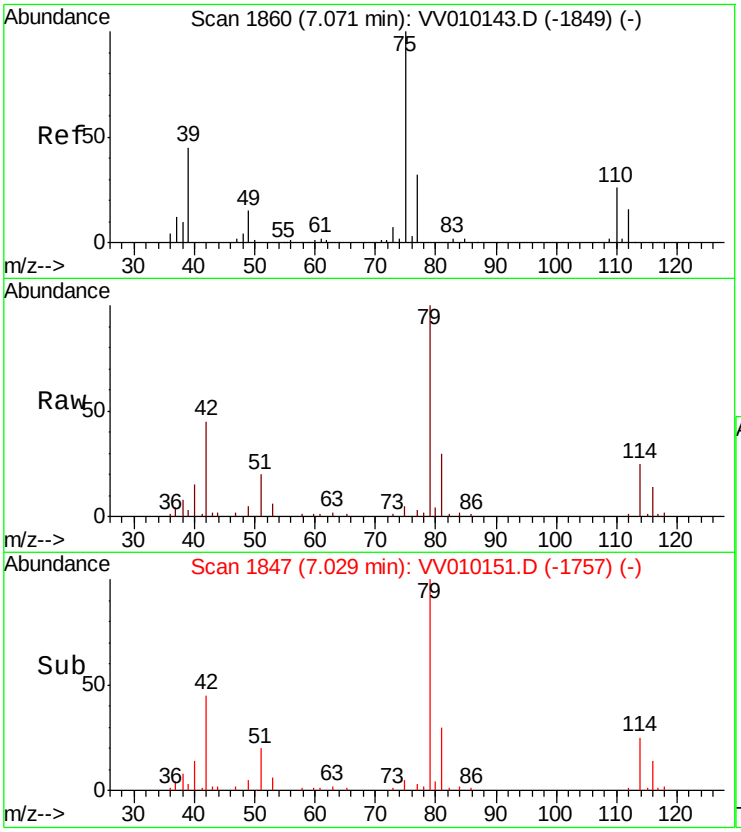


#22
cis-1,2-Dichloroethene
Concen: 1075.527 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Tgt Ion: 96 Resp: 3277348

Ion	Ratio	Lower	Upper
96	100		
61	120.3	82.7	153.5
98	64.1	43.9	81.5



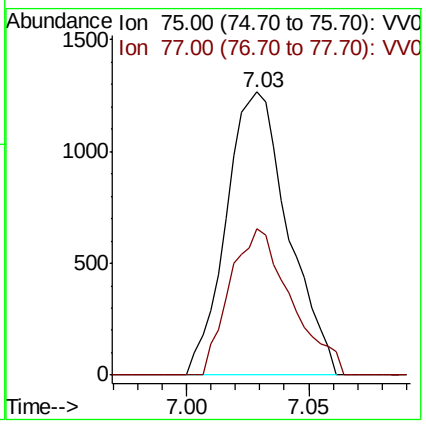


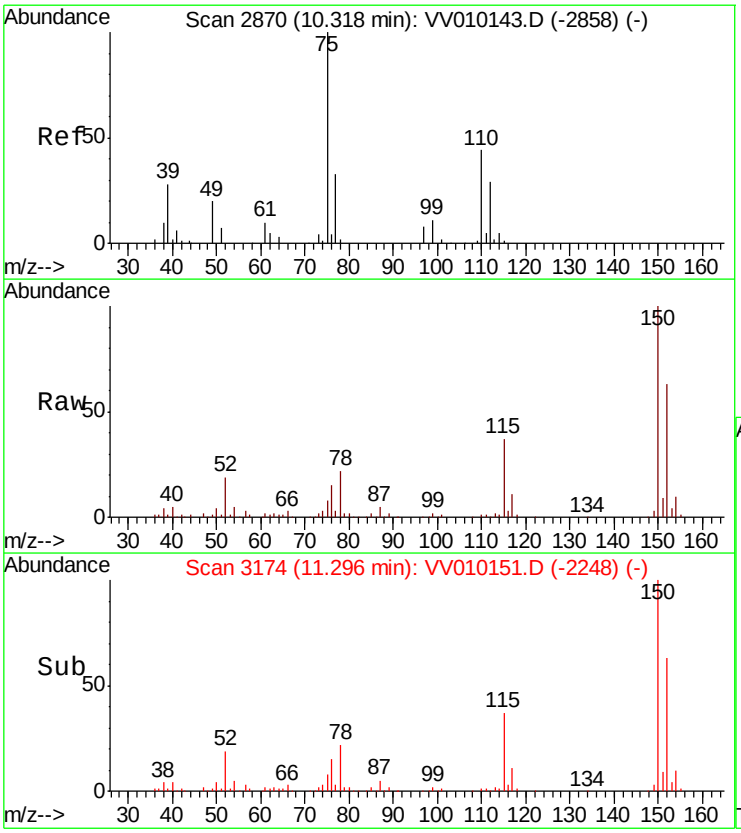
#42
cis-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Instrument :
MSVOA_V
ClientSampleId :
ETJ47

Tgt Ion: 75 Resp: 2237

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 3.998 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Tgt Ion: 75 Resp: 8163

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.8