Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

Data File : VV009984.D
Acq On : 29 Mar 2019 00:31
Operator : SY/MD
Sample : K2122-04
Misc : 4.61G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5B9

Quant Time: Mar 29 04:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138831	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52127	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53522	19.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.00%			
7) Chloroethane-d5	1.57	69	68382	22.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.88%			
10) 1,1-Dichloroethene-d2	2.13	63	120951	15.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.76%			
20) 2-Butanone-d5	3.93	46	22420	42.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.42%			
24) Chloroform-d	4.40	84	87050	24.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.44%			
26) 1,2-Dichloroethane-d4	5.08	65	61788	29.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.12%			
29) Benzene-d6	5.10	84	184433	25.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.52%			
33) 1,2-Dichloropropane-d6	6.12	67	56698	26.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.64%			
37) Toluene-d8	7.36	98	162313	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.48%			
38) trans-1,3-Dichloropropene-	7.66	79	17974	20.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.84%			
39) 2-Hexanone-d5	8.13	63	16303	40.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52590	24.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	48448	24.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.64%			

Target Compounds						Qvalue
13) Acetone	2.19	43	6738	8.477	ug/L	97
16) Methylene chloride	2.54	84	11730	5.131	ug/L	97
25) Chloroform	4.43	83	5415	1.472	ug/L	98
35) Trichloroethene	5.67	95	4436	2.192	ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1733	0.620	ug/L #	41
45) trans-1,3-Dichloropropene	7.67	75	1055	0.461	ug/L	95
49) 2-Hexanone	8.17	43	5182	5.603	ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	8257	5.352	ug/L	99

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

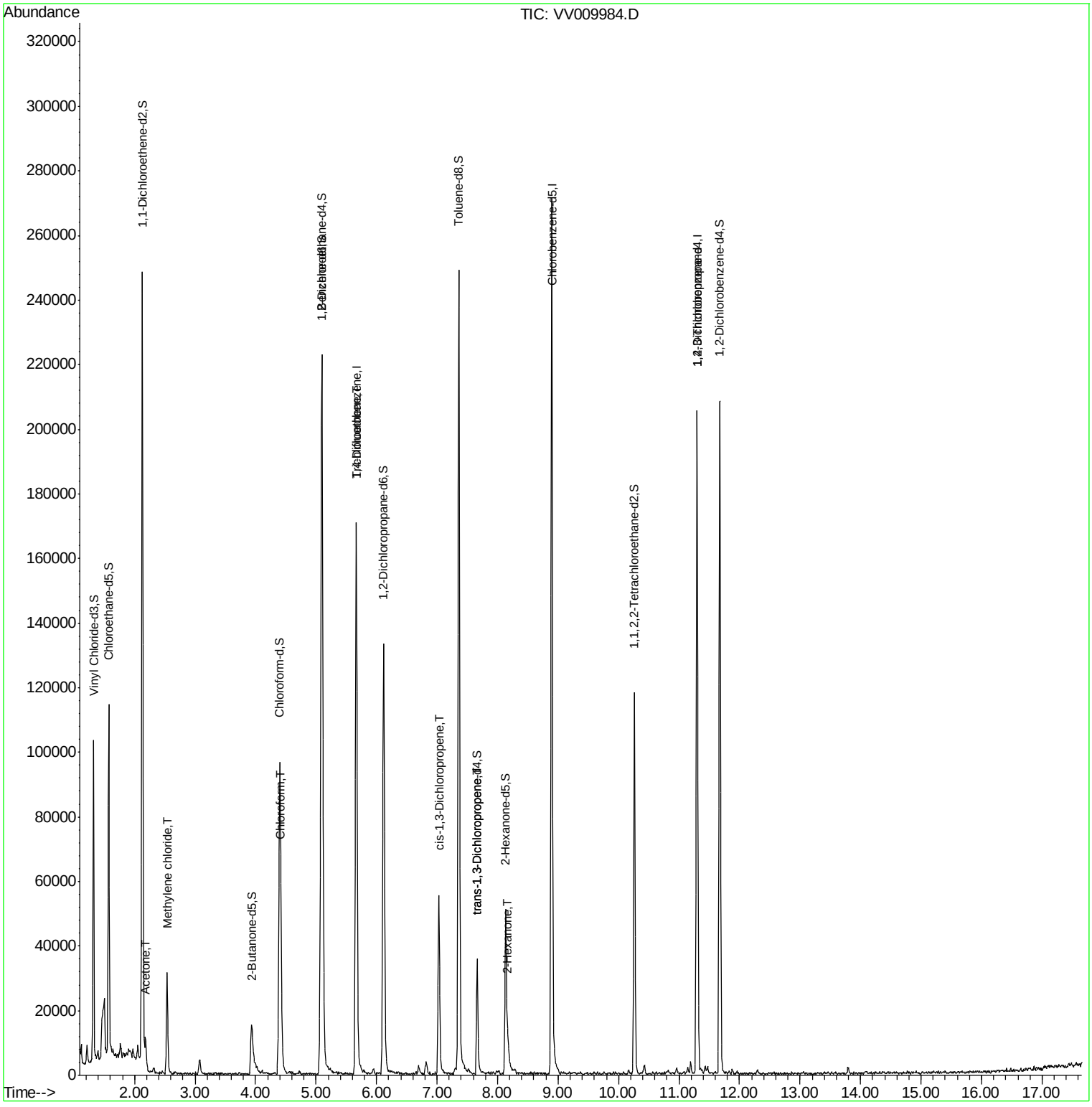
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

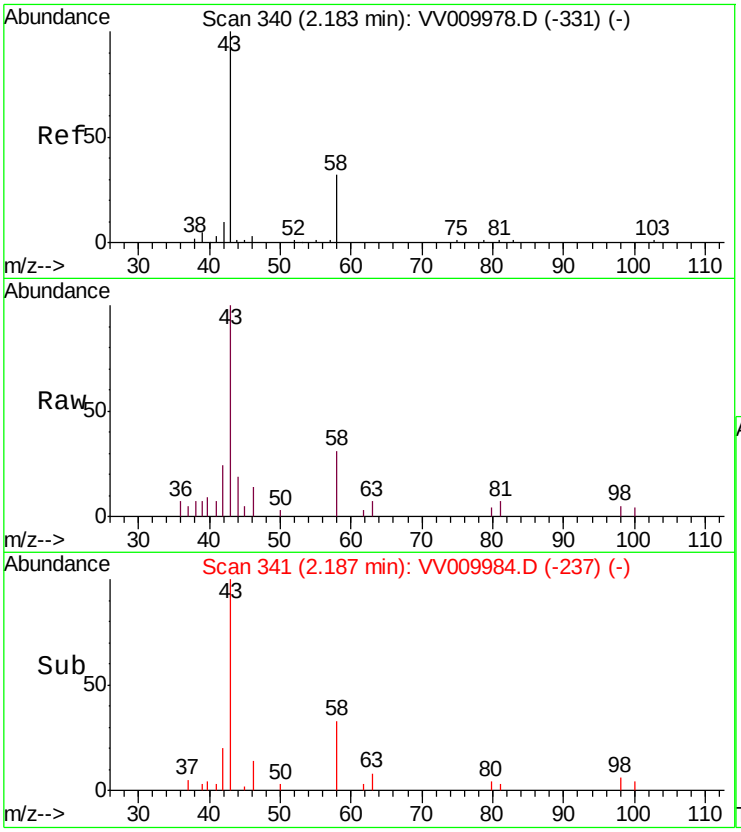
Quantitation Report (Not Reviewed)

Data File : VV009984.D
Acq On : 29 Mar 2019 00:31
Operator : SY/MD
Sample : K2122-04
Misc : 4.61G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5B9

Quant Time: Mar 29 04:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration



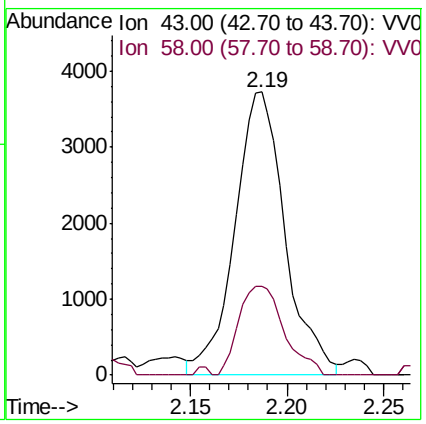


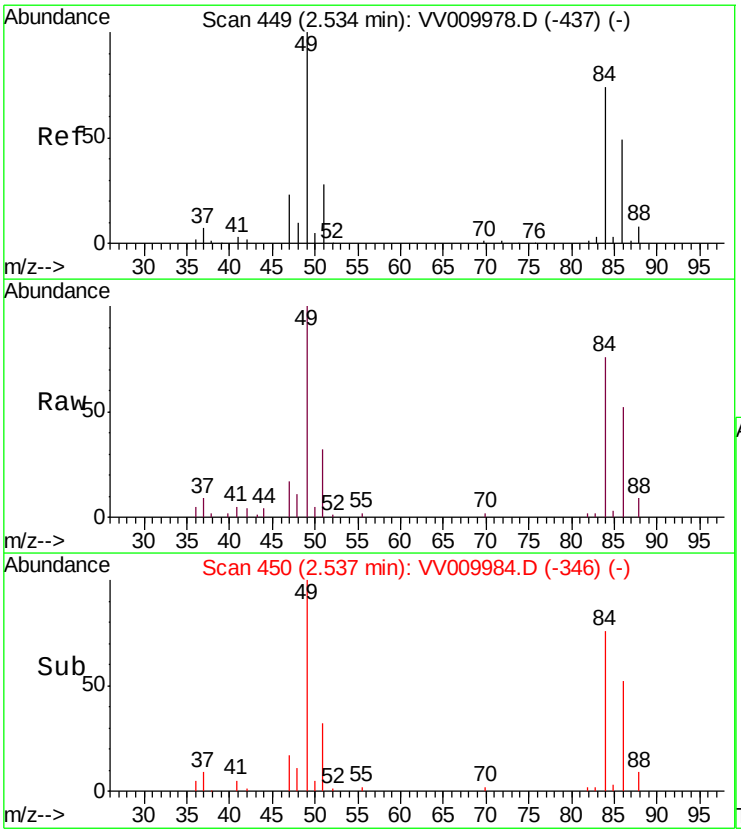
#13
Acetone
Concen: 8.477 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Instrument :
MSVOA_V
ClientSampleId :
BF5B9

Tgt Ion: 43 Resp: 6738

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	59.4

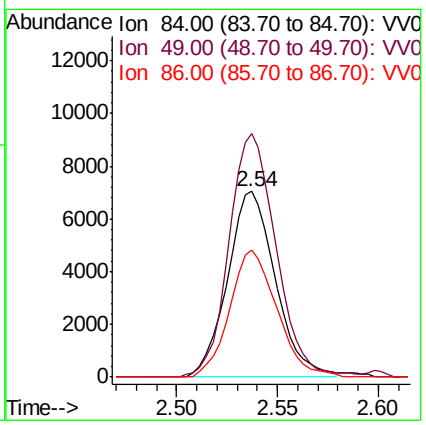


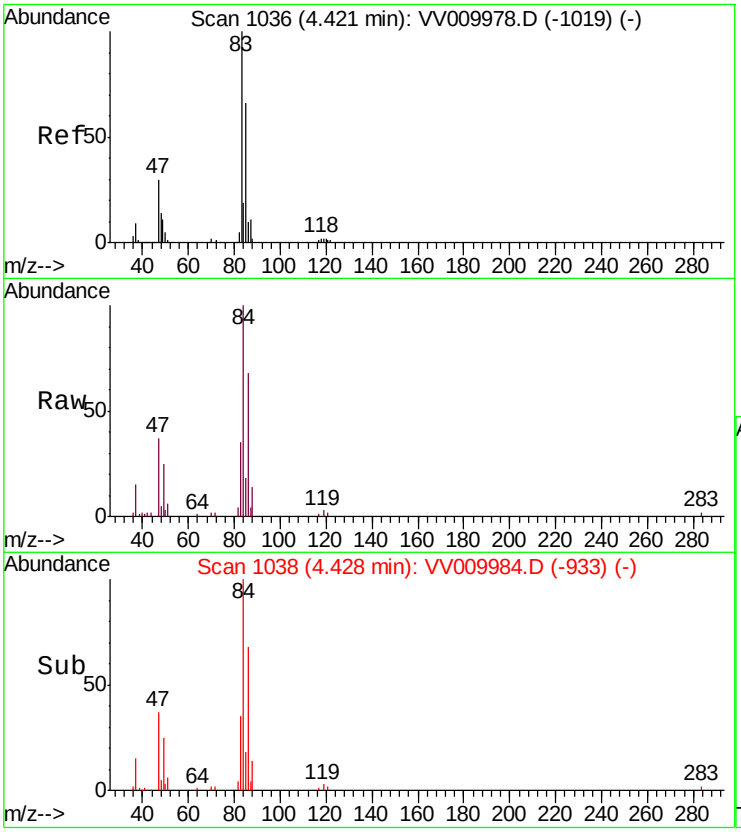


#16
Methylene chloride
Concen: 5.131 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Tgt Ion: 84 Resp: 11730

Ion	Ratio	Lower	Upper
84	100		
49	131.1	90.4	167.8
86	68.2	44.0	81.6



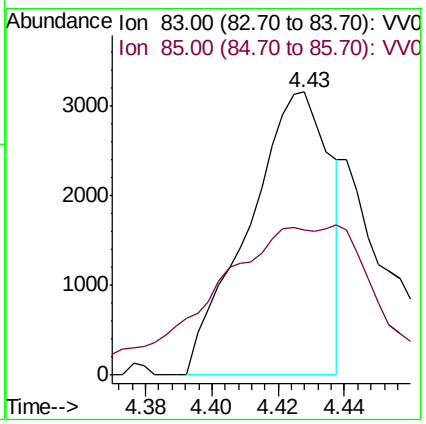


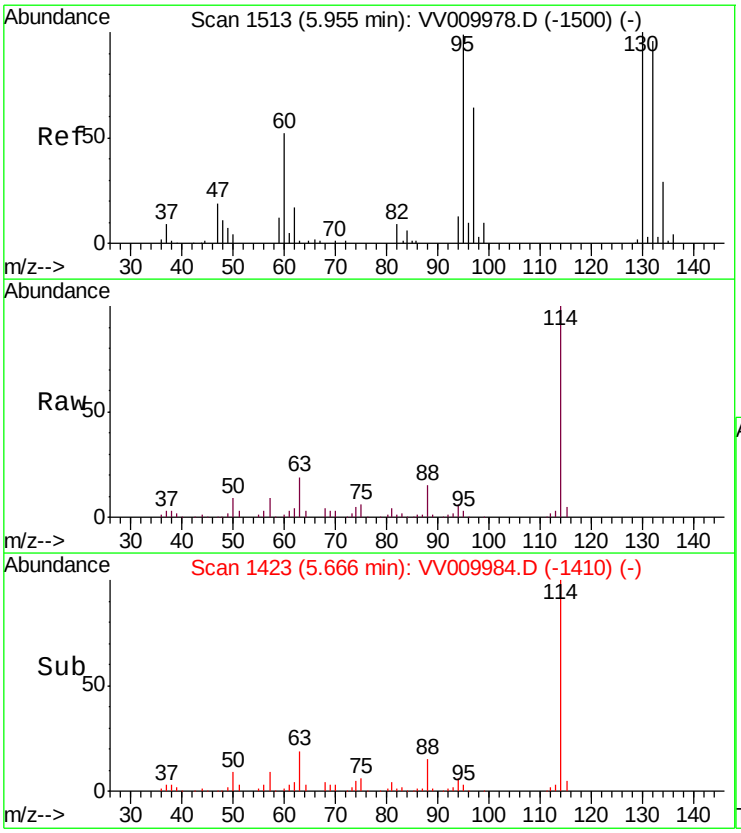
#25
Chloroform
Concen: 1.472 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Instrument :
MSVOA_V
ClientSampleId :
BF5B9

Tgt Ion: 83 Resp: 5415

Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.1	85.7

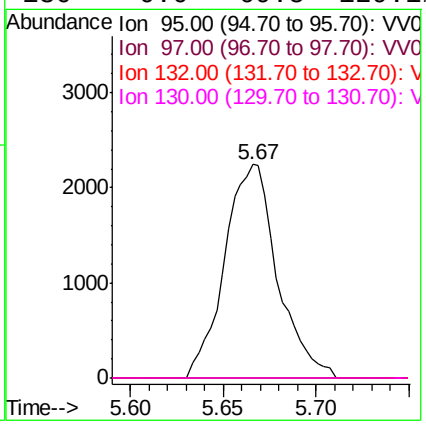


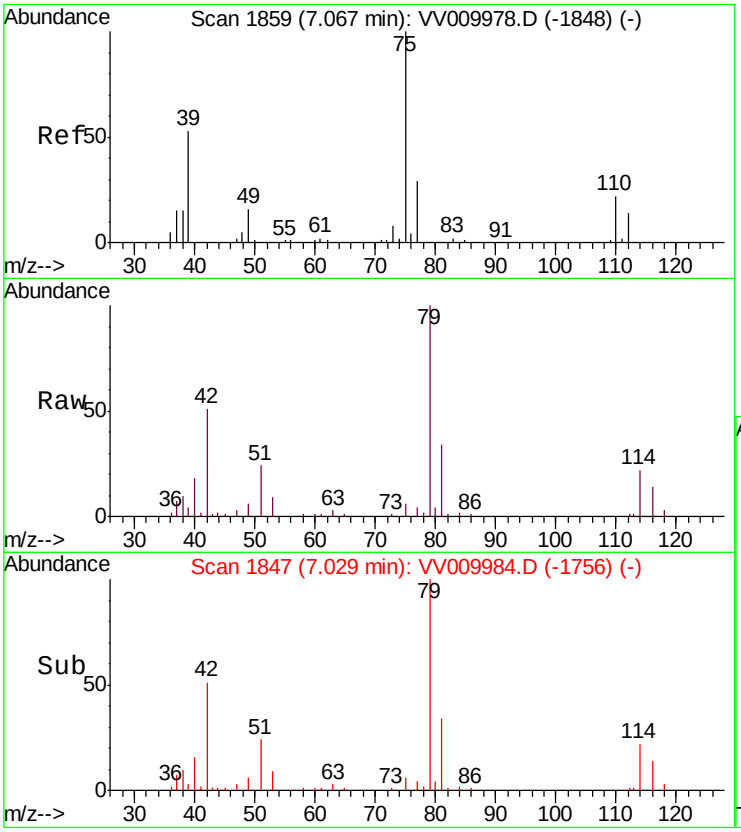


#35
Trichloroethene
Concen: 2.192 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Tgt Ion: 95 Resp: 4436

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.3	85.9#
132	1.0	69.3	128.7#
130	0.0	69.5	129.1#



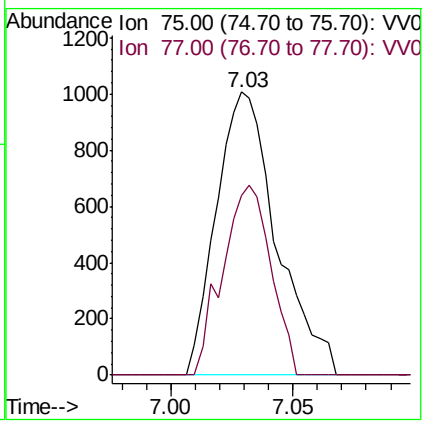


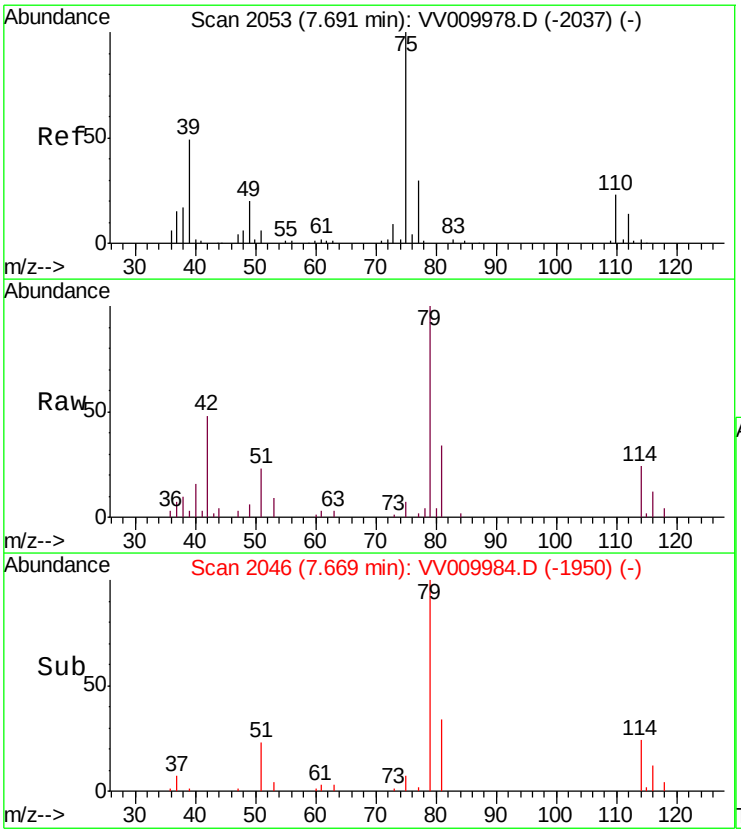
#42
cis-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Instrument :
MSVOA_V
ClientSampleId :
BF5B9

Tgt Ion: 75 Resp: 1733

Ion	Ratio	Lower	Upper
75	100		
77	63.7	21.8	40.6#

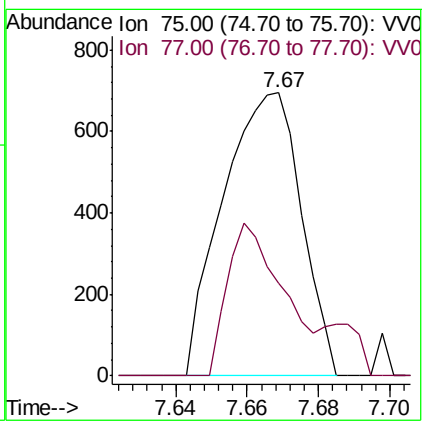


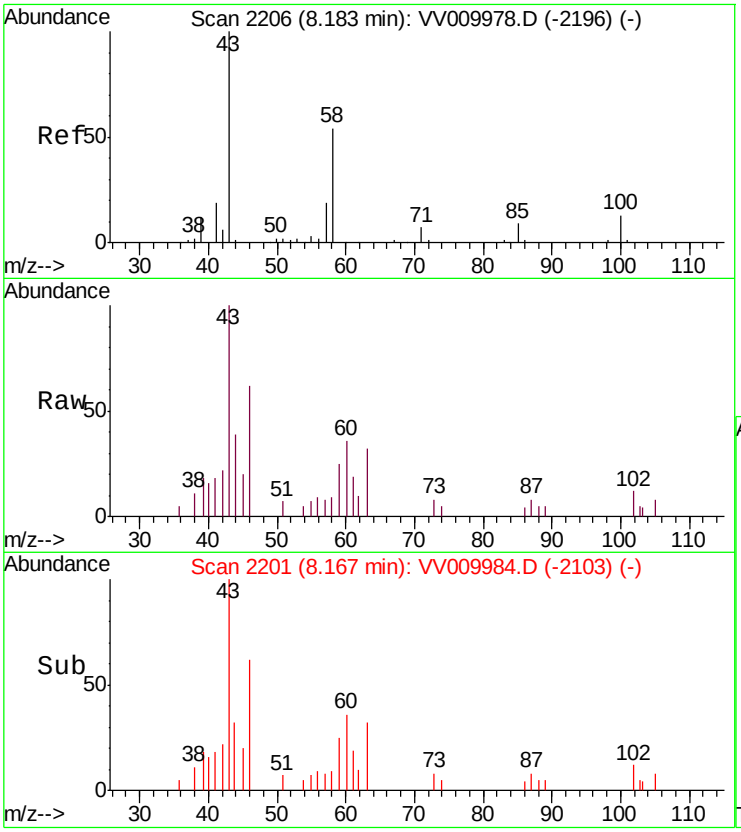


#45
trans-1,3-Dichloropropene
Concen: 0.461 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Tgt Ion: 75 Resp: 1055

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.7	38.5



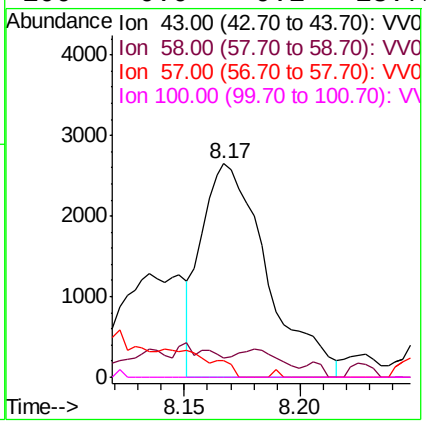


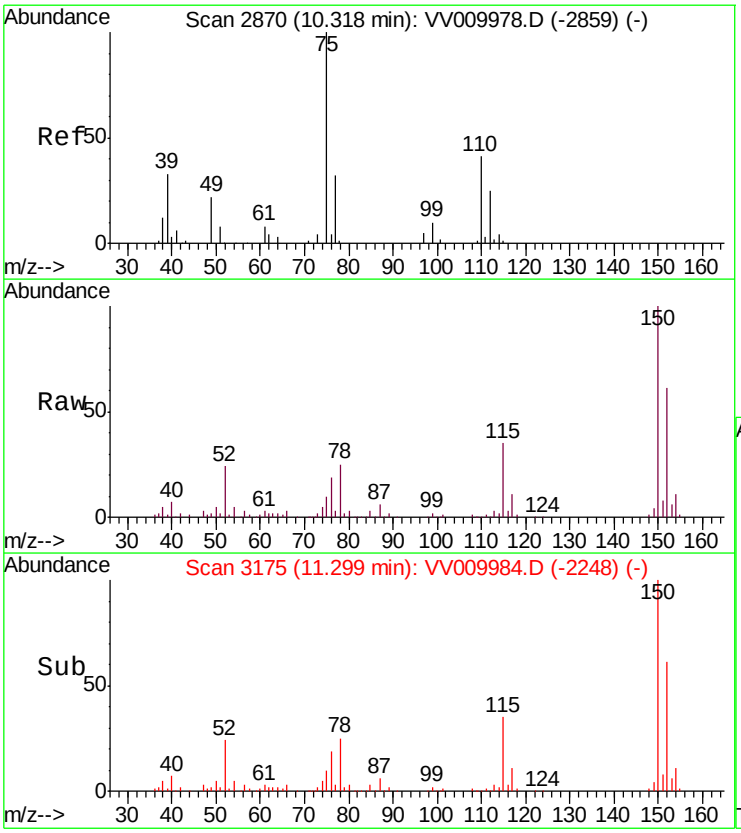
#49
2-Hexanone
Concen: 5.603 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Instrument :
MSVOA_V
ClientSampleId :
BF5B9

Tgt Ion: 43 Resp: 5182

Ion	Ratio	Lower	Upper
43	100		
58	4.4	42.0	63.0#
57	2.1	12.9	19.3#
100	0.0	9.1	13.7#





#59
1,2,3-Trichloropropane
Concen: 5.352 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009984.D
Acq: 29 Mar 2019 00:31

Tgt Ion: 75 Resp: 8257

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.2	39.2