Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\

Quantitation Report (Not Reviewed)

Data File : VV009035.D
Acq On : 19 Dec 2018 01:43
Operator : SY/MD
Sample : J6419-08
Misc : 5.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEZX5

Quant Time: Dec 19 07:25:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	232716	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29864	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	53835	22.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.44%			
7) Chloroethane-d5	1.58	69	57964	32.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.32%			
10) 1,1-Dichloroethene-d2	2.13	63	109689	18.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.88%			
20) 2-Butanone-d5	3.94	46	32200	36.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.46%			
24) Chloroform-d	4.40	84	145297	25.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.88%			
26) 1,2-Dichloroethane-d4	5.08	65	87578	28.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.76%			
29) Benzene-d6	5.10	84	286569	32.25	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.00%			
33) 1,2-Dichloropropane-d6	6.12	67	86544	34.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 139.16%#			
37) Toluene-d8	7.36	98	223488	27.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.72%			
38) trans-1,3-Dichloropropene-	7.67	79	35640	32.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 130.44%			
39) 2-Hexanone-d5	8.14	63	24355	53.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.88%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48756	23.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.44%			
61) 1,2-Dichlorobenzene-d4	11.68	152	24328	21.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.84%			
Target Compounds						Qvalue
13) Acetone	2.20	43	3121	2.416	ug/L	96
16) Methylene chloride	2.54	84	3886	0.992	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	3142	0.930	ug/L	79
25) Chloroform	4.42	83	3513	0.623	ug/L	82
35) Trichloroethene	5.96	95	27349	9.516	ug/L	98
40) 1,2-Dichloropropane	6.12	63	10118	4.422	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2432	0.726	ug/L #	53
45) trans-1,3-Dichloropropene	7.66	75	1653	0.566	ug/L #	82
46) 1,1,2-Trichloroethane	8.02	97	21389	11.220	ug/L #	9
47) Tetrachloroethene	8.03	164	2562876	1096.551	ug/L	97
49) 2-Hexanone	8.19	43	4867	3.804	ug/L #	62
50) Dibromochloromethane	8.03	129	2493870	1141.276	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	3408	1.911	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\

Quantitation Report (Not Reviewed)

Data File : VV009035.D
Acq On : 19 Dec 2018 01:43
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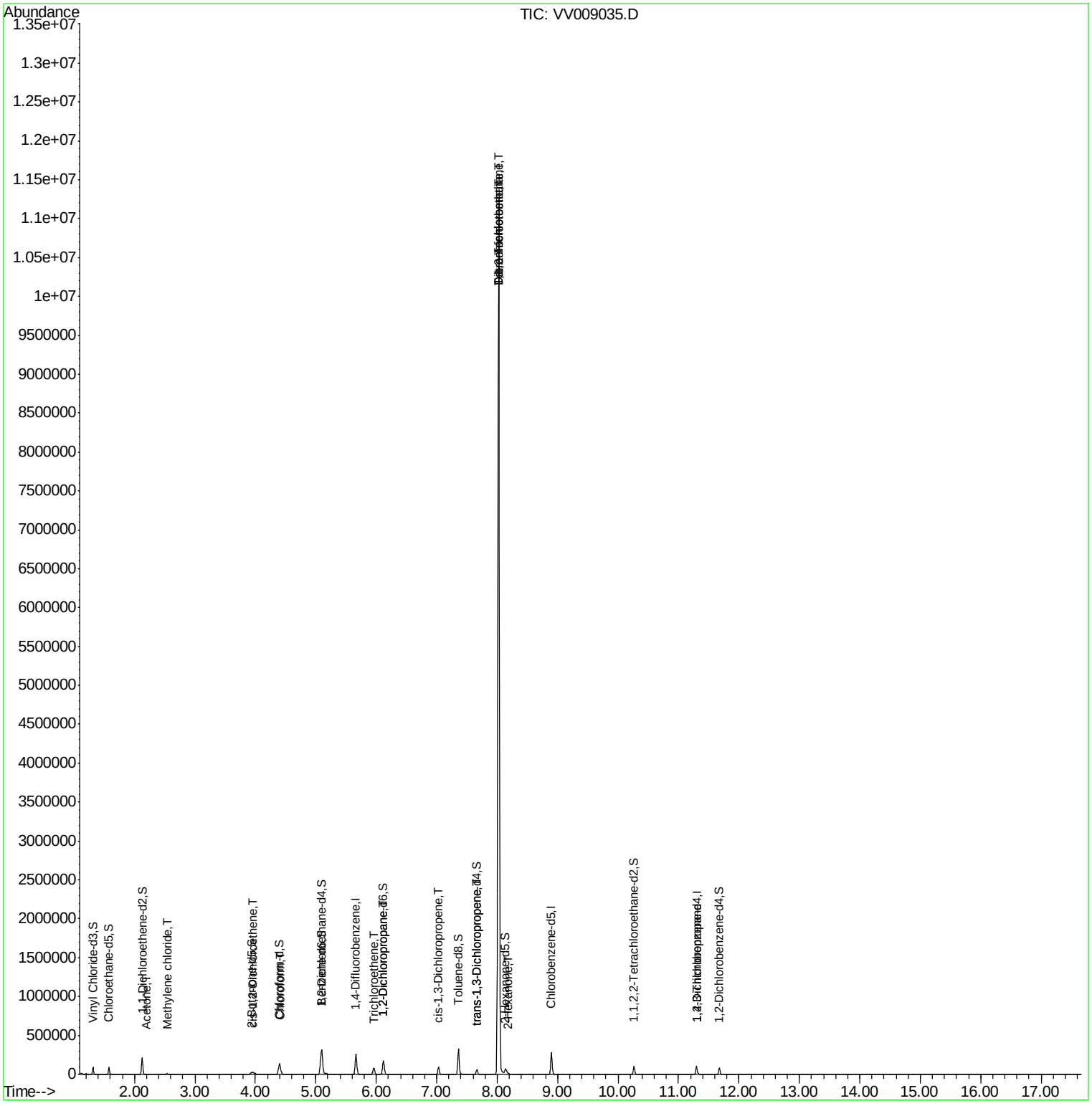
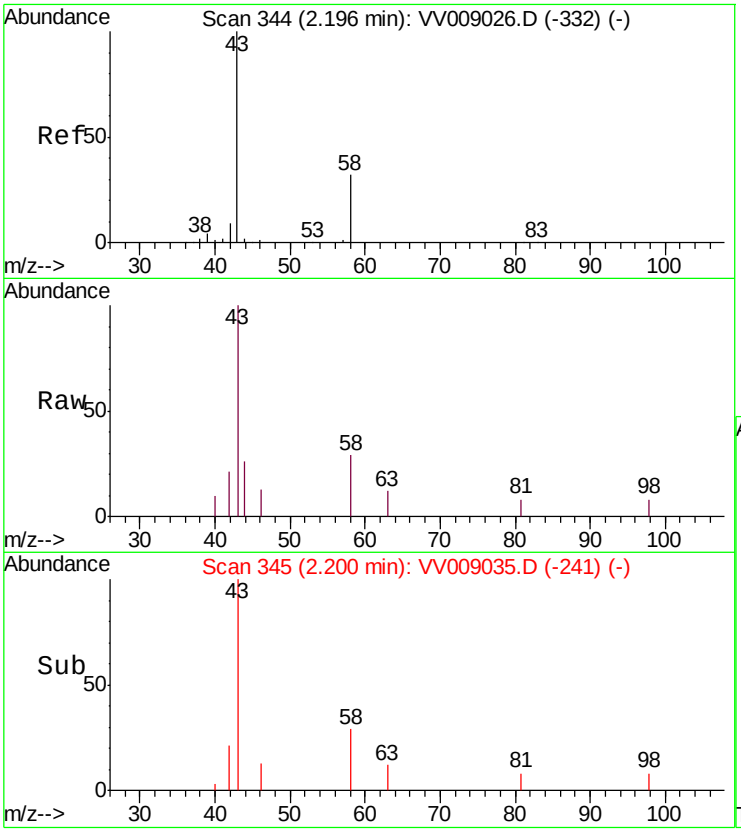
Misc : 5.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEZX5

Quant Time: Dec 19 07:25:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration



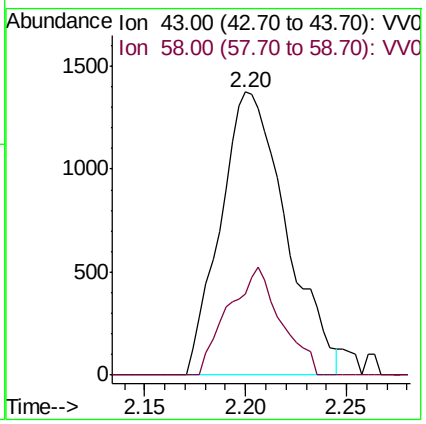


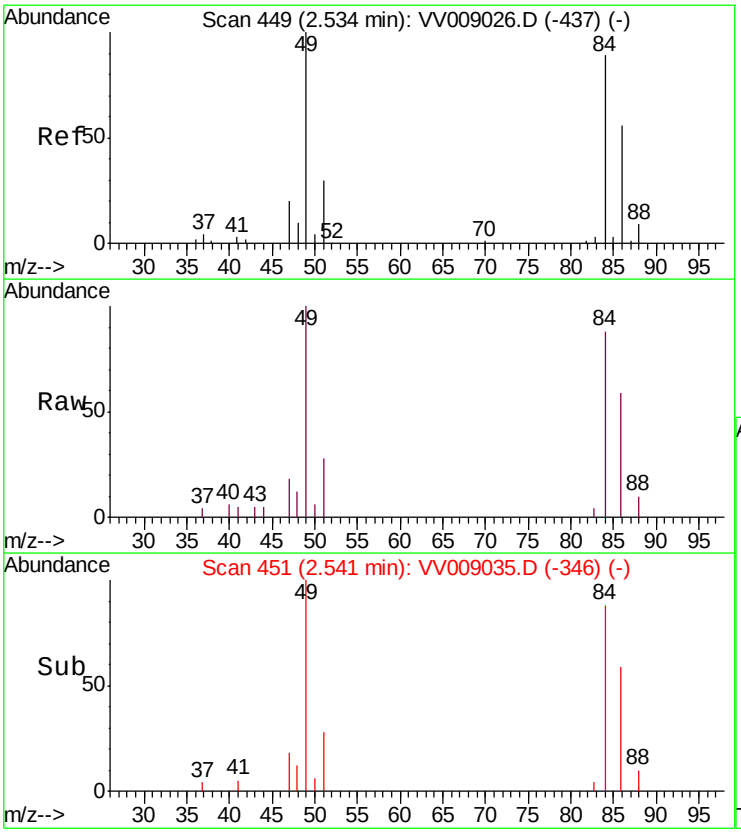
#13
Acetone
Concen: 2.416 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 43 Resp: 3121

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	65.4

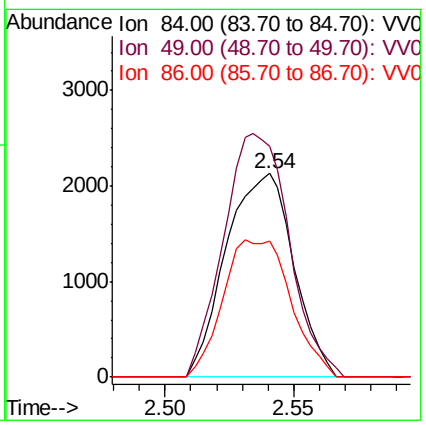


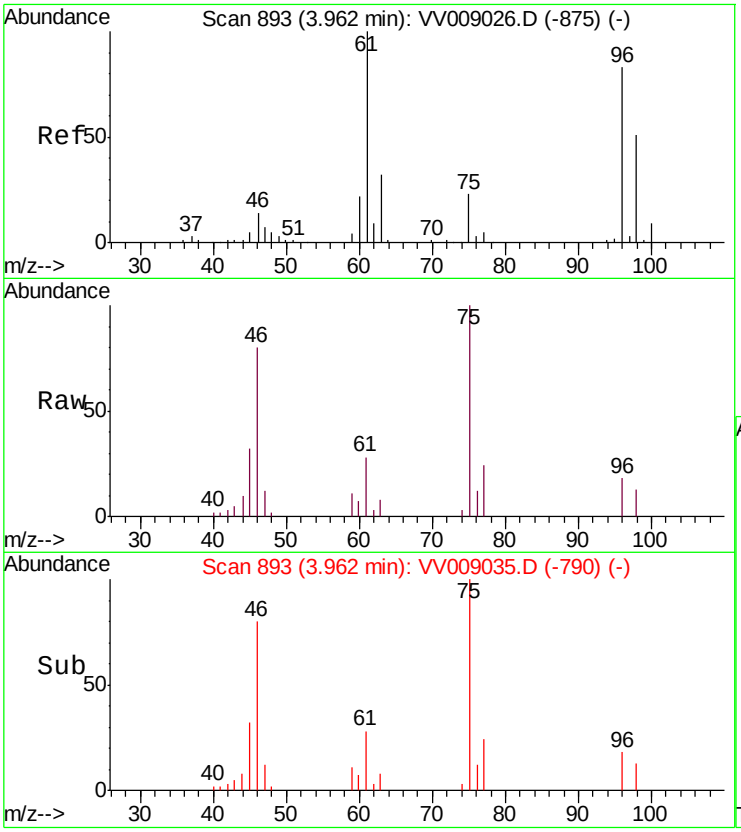


#16
Methylene chloride
Concen: 0.992 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion: 84 Resp: 3886

Ion	Ratio	Lower	Upper
84	100		
49	113.3	80.5	149.5
86	67.0	45.5	84.5



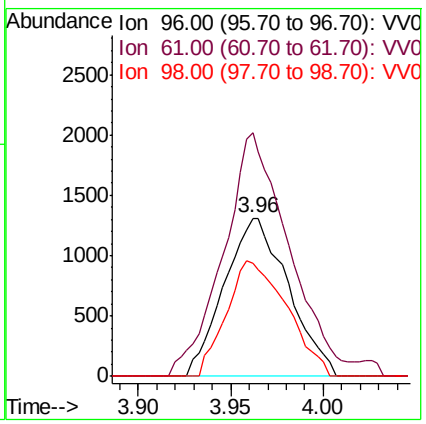


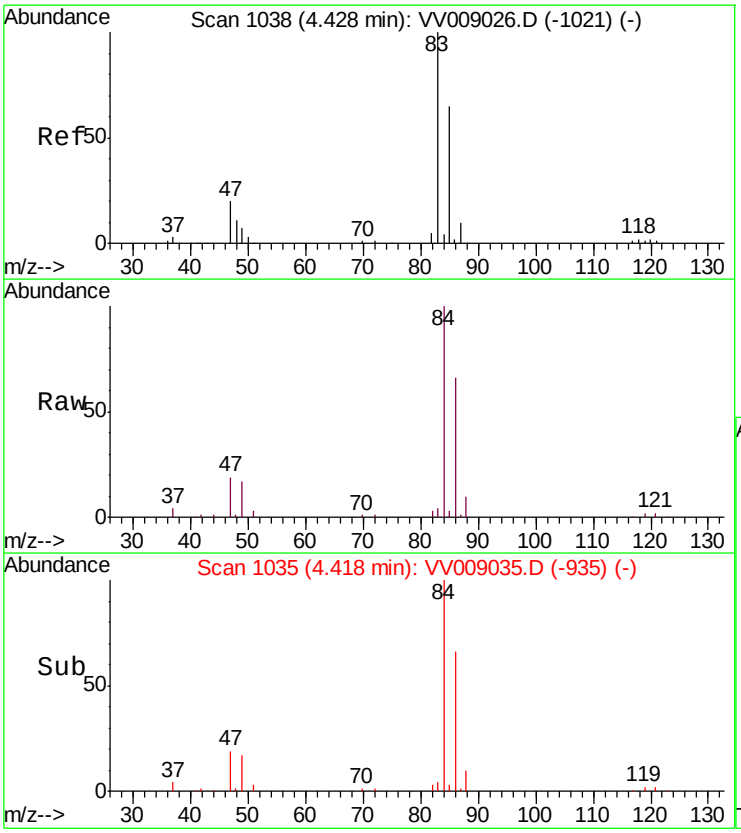
#22
cis-1,2-Dichloroethene
Concen: 0.930 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 96 Resp: 3142

Ion	Ratio	Lower	Upper
96	100		
61	154.0	86.2	160.0
98	71.7	45.6	84.6

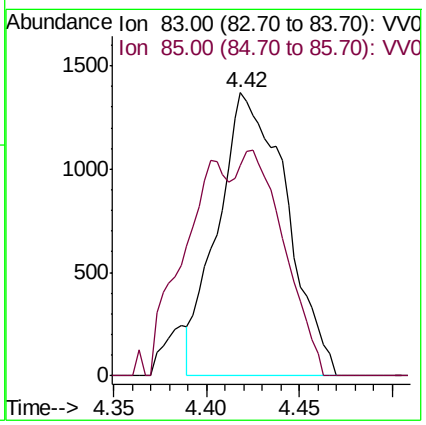


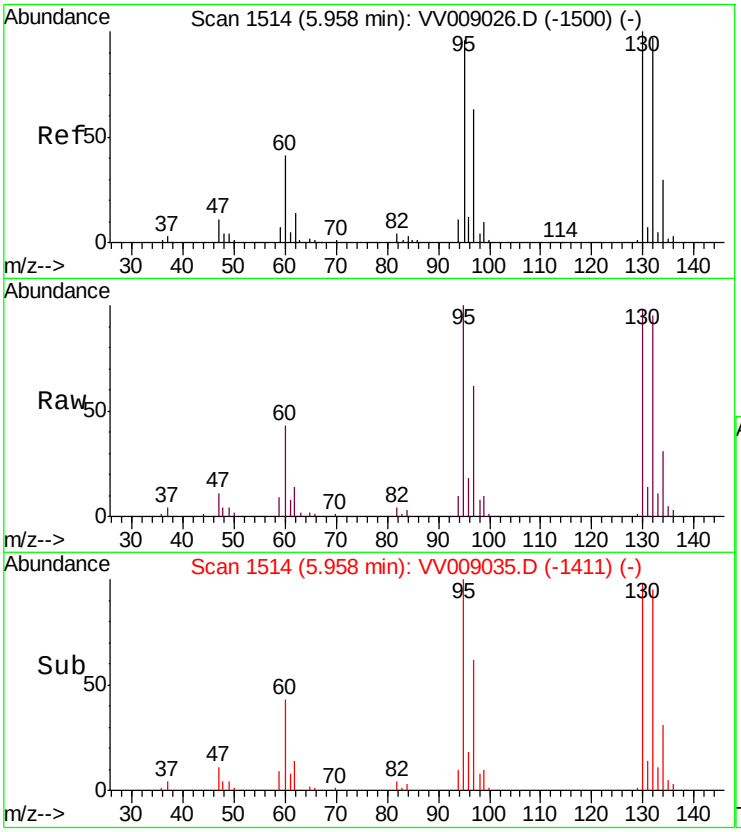


#25
Chloroform
Concen: 0.623 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion: 83 Resp: 3513

Ion	Ratio	Lower	Upper
83	100		
85	50.9	45.6	84.8



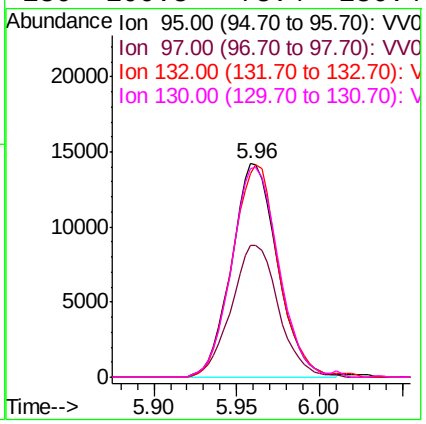


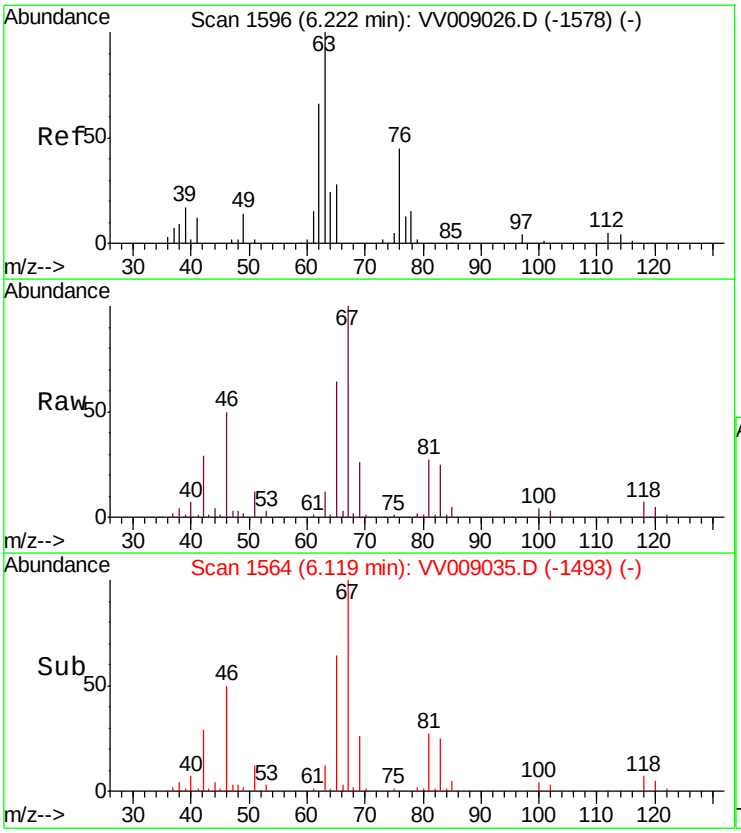
#35
Trichloroethene
Concen: 9.516 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 95 Resp: 27349

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.3	84.1
132	99.9	70.0	130.0
130	100.3	73.4	136.4

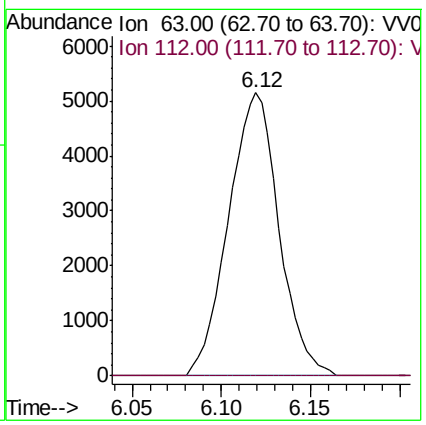


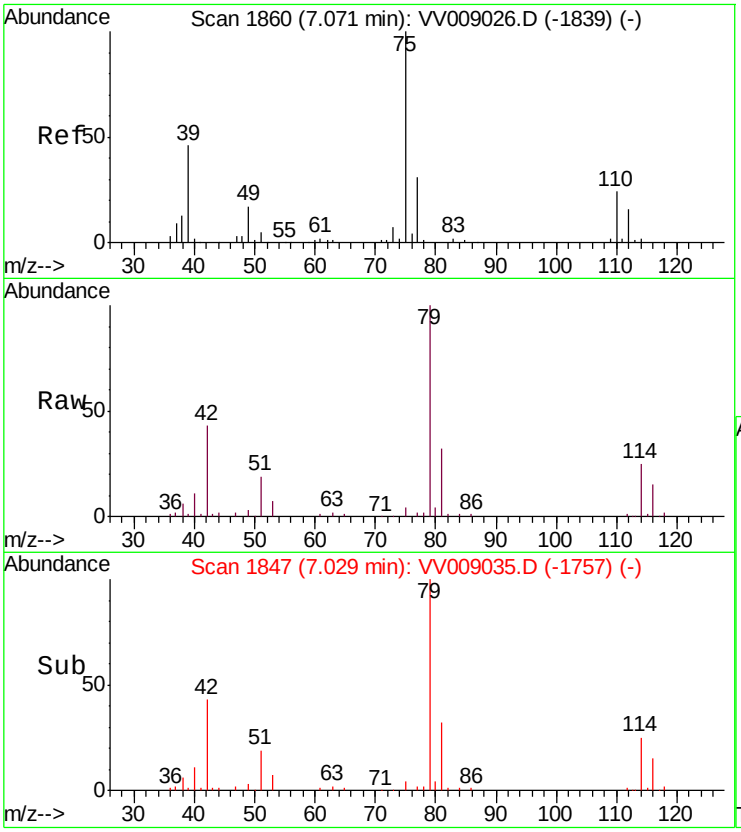


#40
1,2-Dichloropropane
Concen: 4.422 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion: 63 Resp: 10118

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



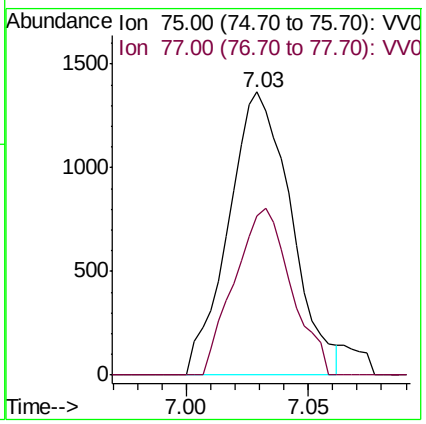


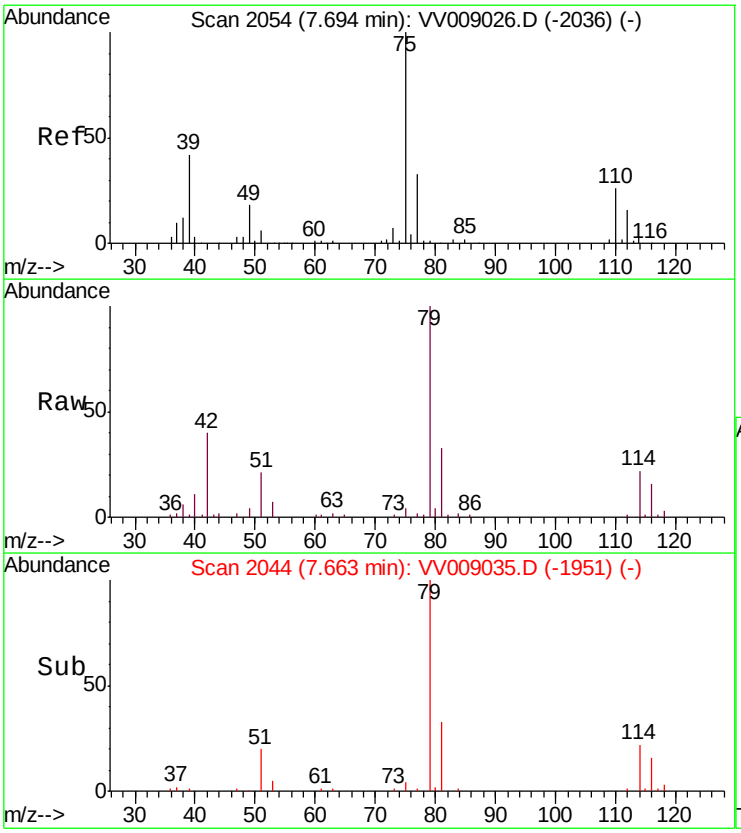
#42
cis-1,3-Dichloropropene
Concen: 0.726 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 75 Resp: 2432

Ion	Ratio	Lower	Upper
75	100		
77	56.2	21.3	39.6#

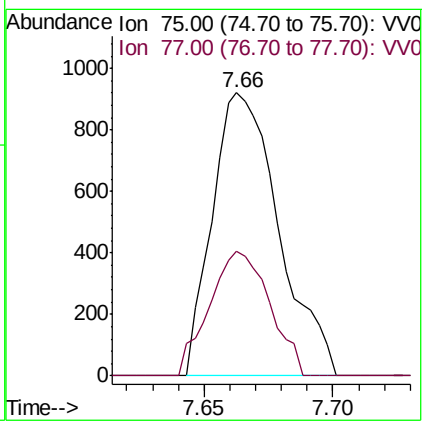


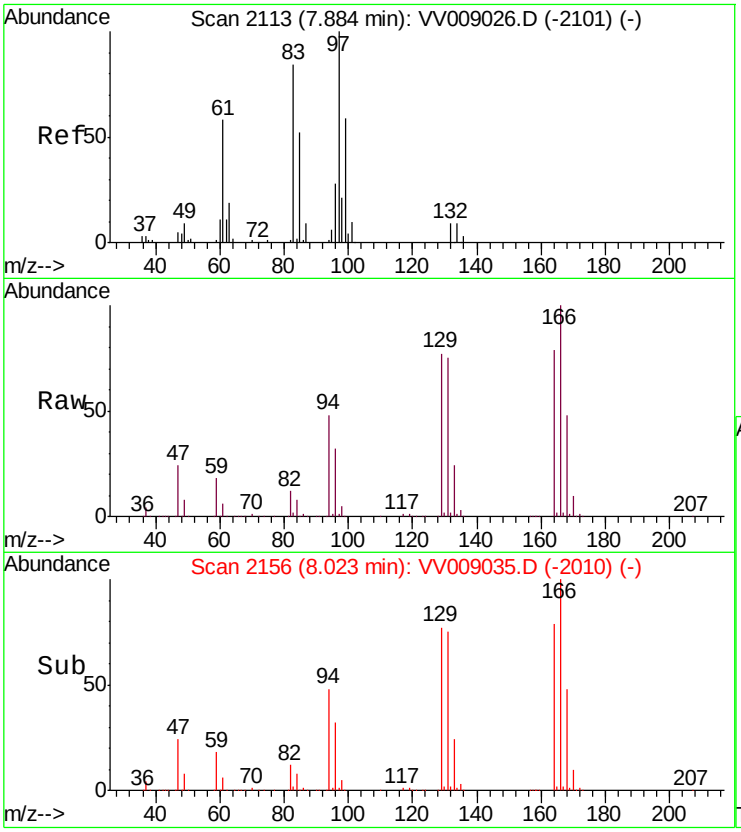


#45
trans-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion: 75 Resp: 1653

Ion	Ratio	Lower	Upper
75	100		
77	44.1	23.6	43.8#



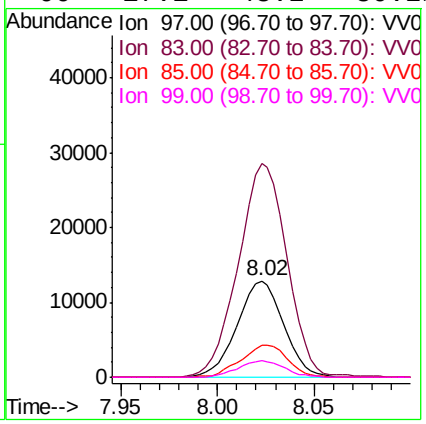


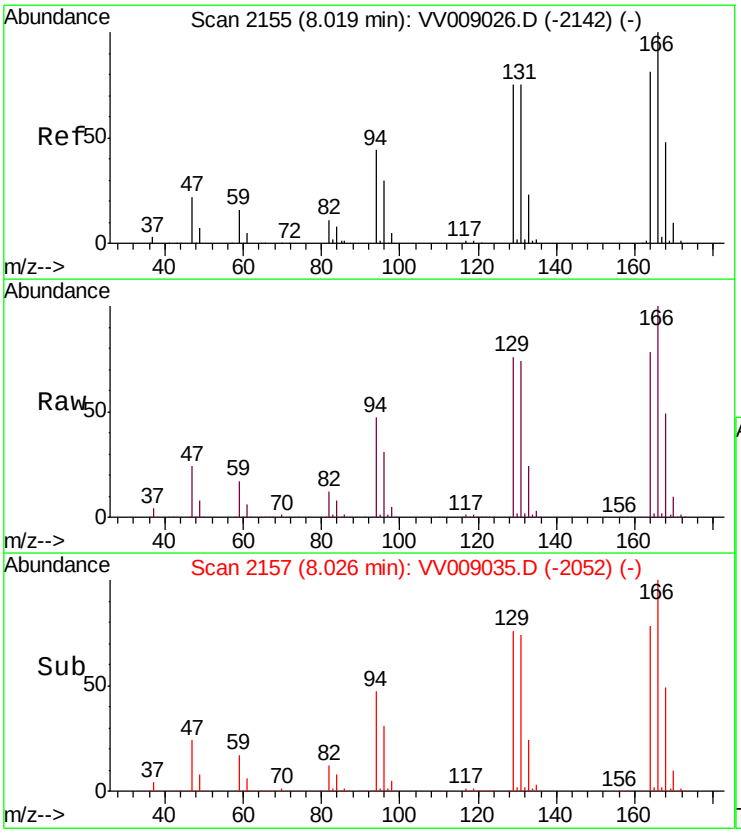
#46
1,1,2-Trichloroethane
Concen: 11.220 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.14 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 97 Resp: 21389

Ion	Ratio	Lower	Upper
97	100		
83	221.1	56.6	105.2#
85	32.9	36.6	68.0#
99	17.1	43.2	80.2#

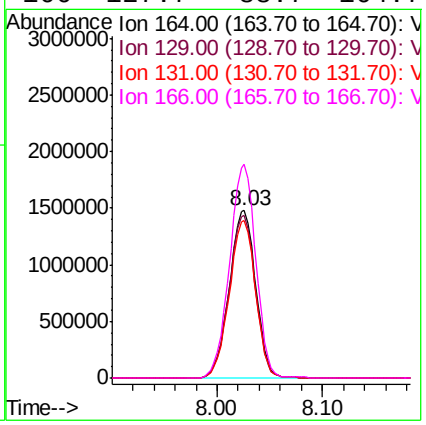


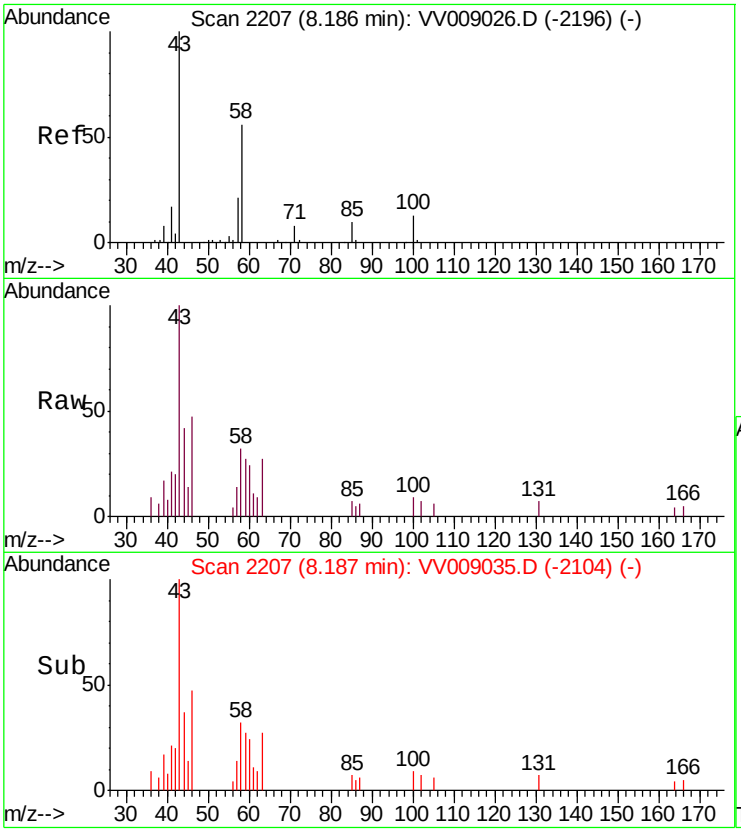


#47
Tetrachloroethene
Concen: 1096.551 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion:164 Resp: 2562876

Ion	Ratio	Lower	Upper
164	100		
129	97.1	64.6	120.0
131	94.4	64.5	119.7
166	127.7	88.7	164.7



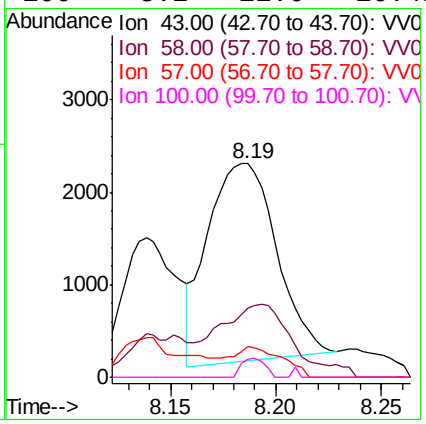


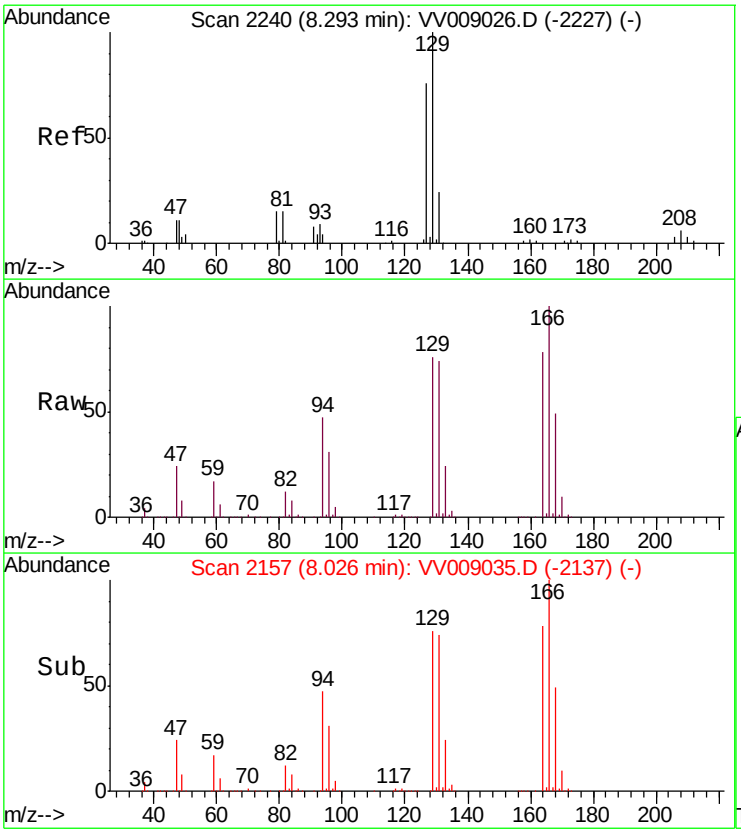
#49
2-Hexanone
Concen: 3.804 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument : MSVOA_V
ClientSampleId : BEZX5

Tgt Ion: 43 Resp: 4867

Ion	Ratio	Lower	Upper
43	100		
58	20.7	43.9	65.9#
57	10.2	15.7	23.5#
100	3.2	11.0	16.4#

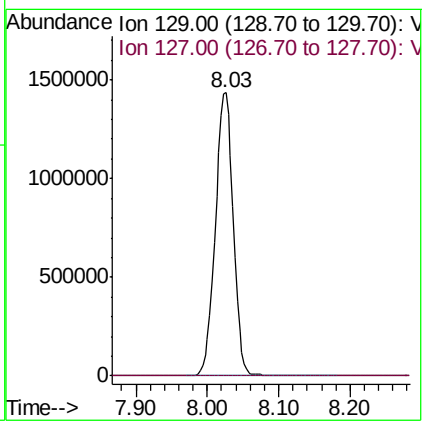


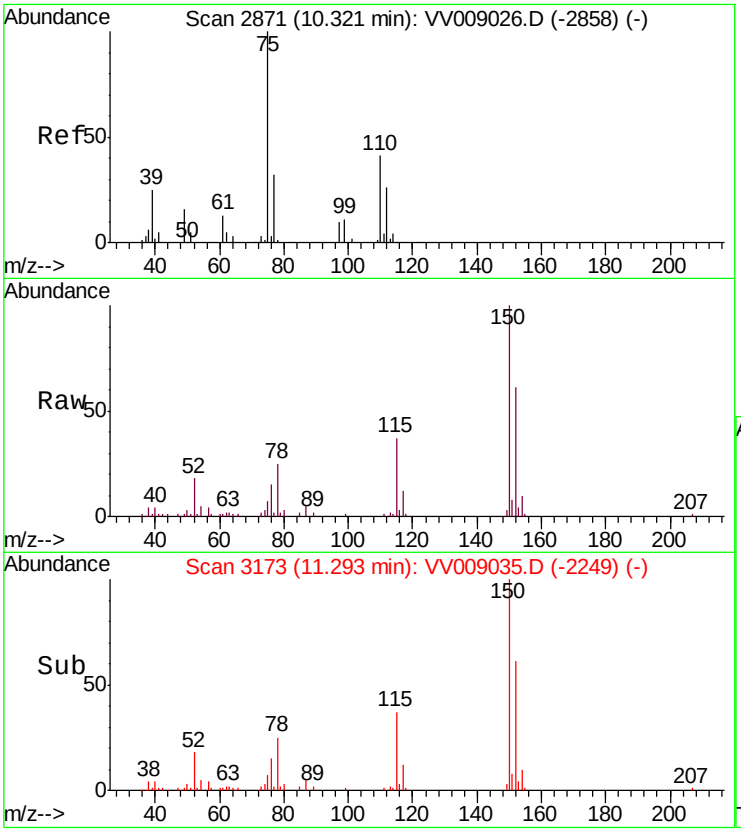


#50
Dibromochloromethane
Concen: 1141.276 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.27 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Tgt Ion:129 Resp: 2493870

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#





#59
1,2,3-Trichloropropane
Concen: 1.911 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009035.D
Acq: 19 Dec 2018 01:43

Instrument :
MSVOA_V
ClientSampleId :
BEZX5

Tgt Ion: 75 Resp: 3408

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.6	38.4