Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011308.D
Acq On : 08 Jun 2019 02:02
Operator : SY/MD
Sample : K3226-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ1

Quant Time: Jun 08 02:30:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 02:09:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155408	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56941	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43349	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.55	69	38022	3.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.60%			
11) 1,1-Dichloroethene-d2	2.12	63	71820	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	3.94	46	142819	53.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.74%			
24) Chloroform-d	4.40	84	91479	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.08	65	53348	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.09	84	177160	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
36) 1,2-Dichloropropane-d6	6.11	67	56459	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	7.36	98	157625	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.66	79	16296	3.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.40%			
46) 2-Hexanone-d5	8.13	63	111001	51.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42070	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	53406	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1198	0.081	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	819	0.081	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1316	0.134	ug/L #	1
13) Acetone	2.19	43	4419	2.486	ug/L	93
15) Methyl Acetate	2.57	43	584	0.124	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5116	0.421	ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	1288	0.070	ug/L	93
34) Trichloroethene	5.95	95	204164	17.260	ug/L	97
35) Methylcyclohexane	6.11	83	13988	0.715	ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	1468	0.088	ug/L #	70
47) Tetrachloroethene	8.01	164	872	0.102	ug/L	84
48) 2-Hexanone	8.13	43	15560	3.074	ug/L #	71
49) Dibromochloromethane	8.02	129	912	0.110	ug/L #	11

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

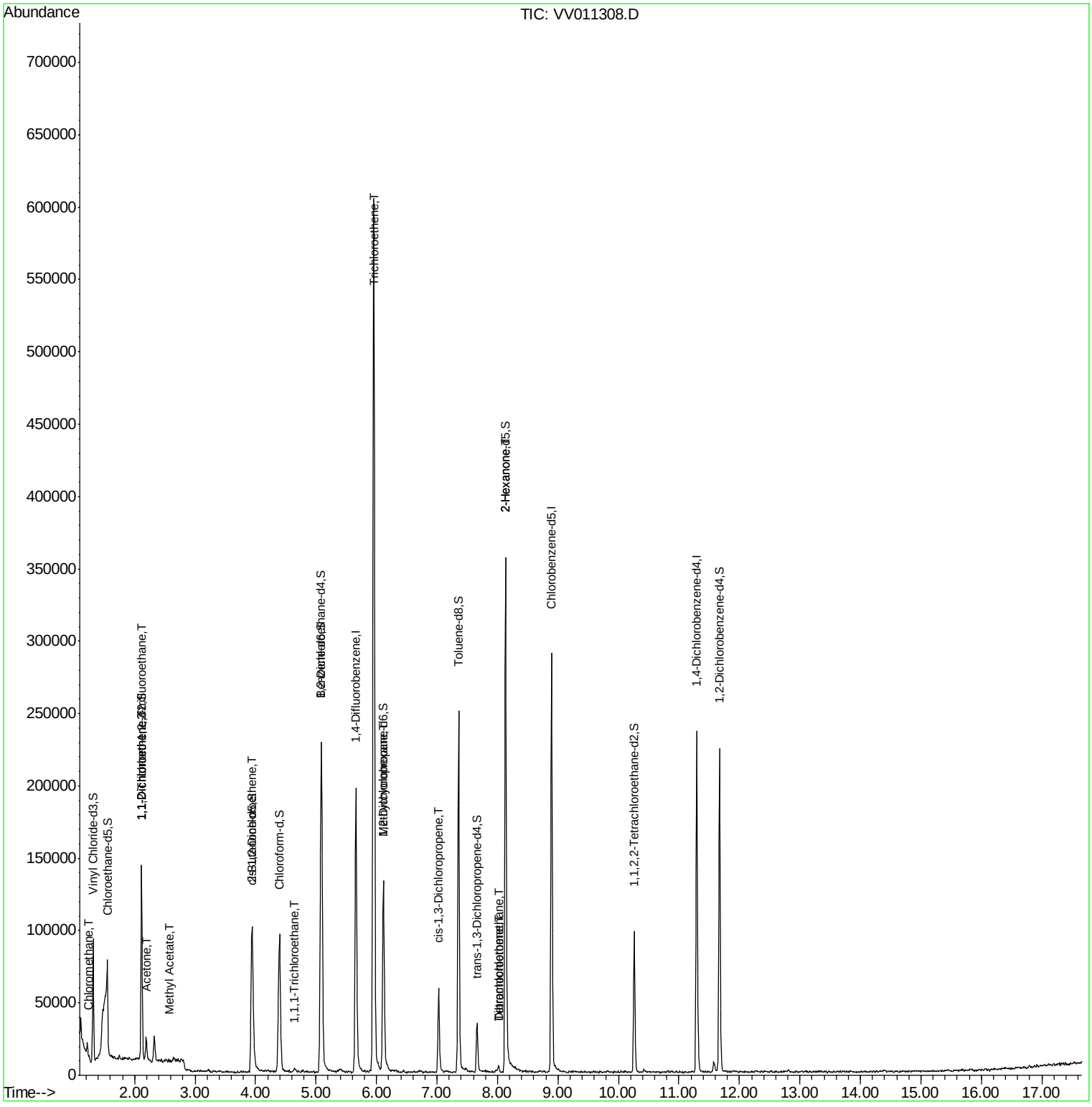
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

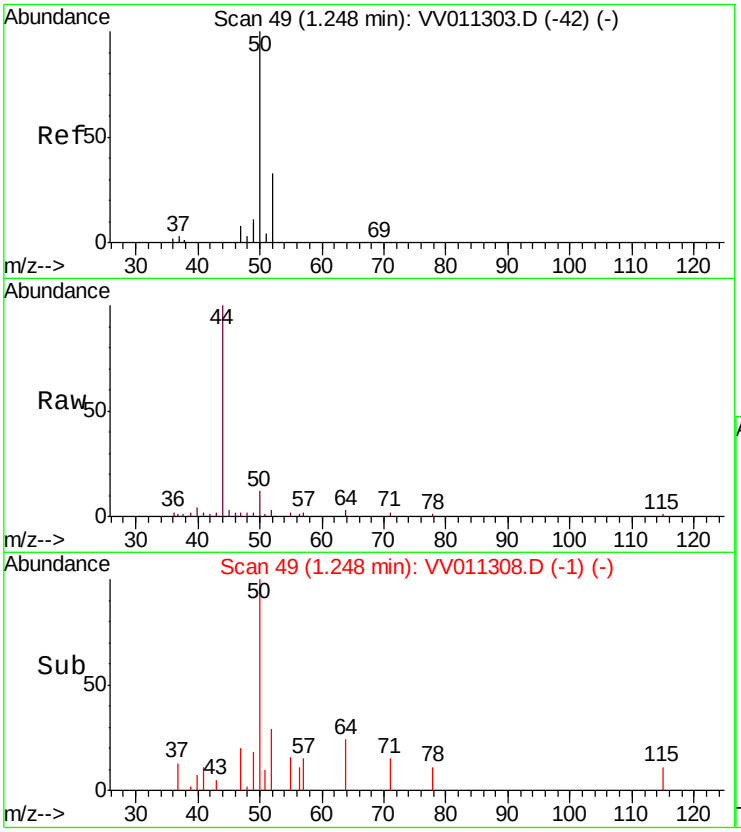
Quantitation Report (Not Reviewed)

Data File : VV011308.D
Acq On : 08 Jun 2019 02:02
Operator : SY/MD
Sample : K3226-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ1

Quant Time: Jun 08 02:30:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 02:09:28 2019
Response via : Initial Calibration



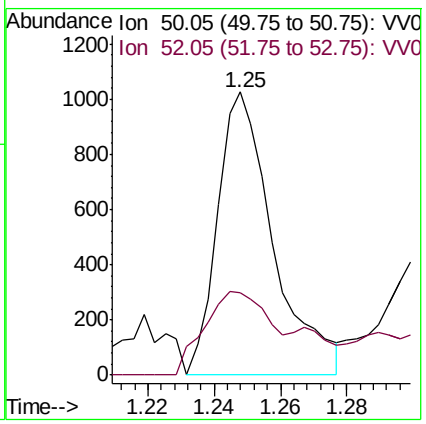


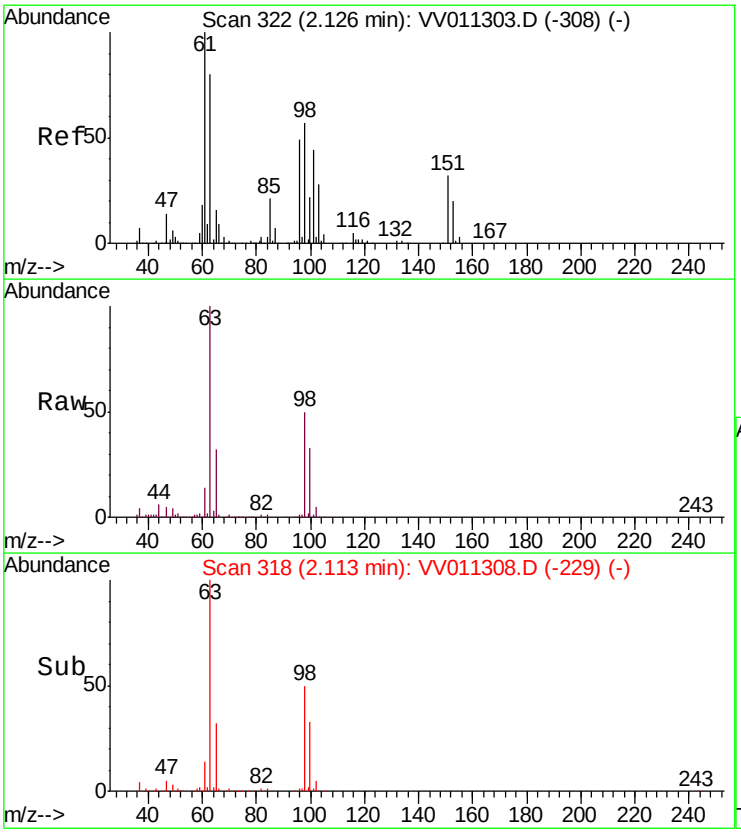
#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion: 50 Resp: 1198

Ion	Ratio	Lower	Upper
50	100		
52	28.9	22.3	41.5

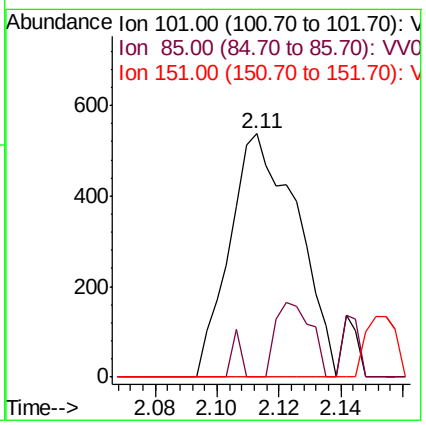


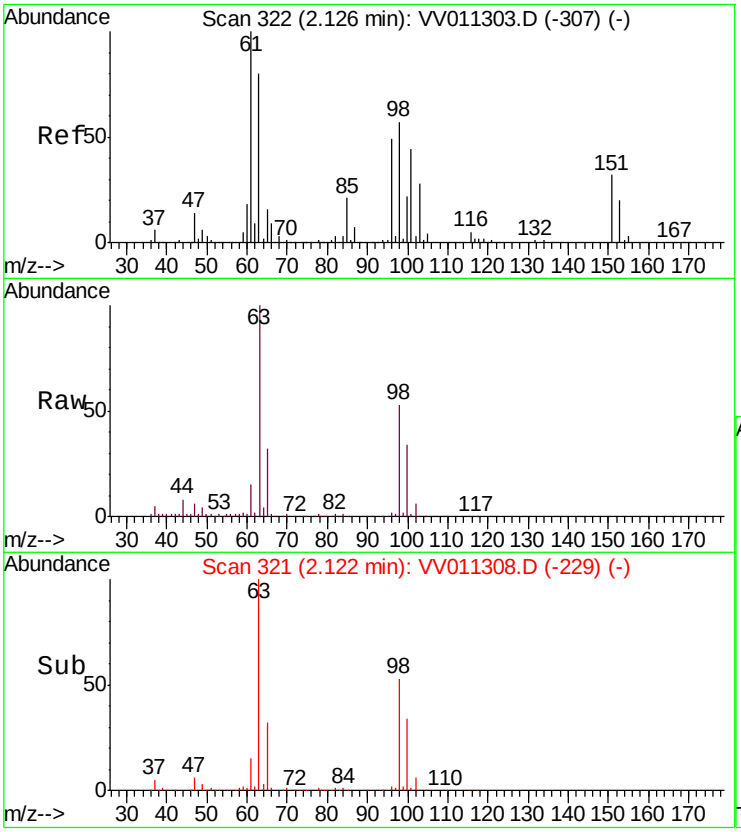


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion:101 Resp: 819

Ion	Ratio	Lower	Upper
101	100		
85	2.4	35.5	53.3#
151	0.0	56.9	85.3#



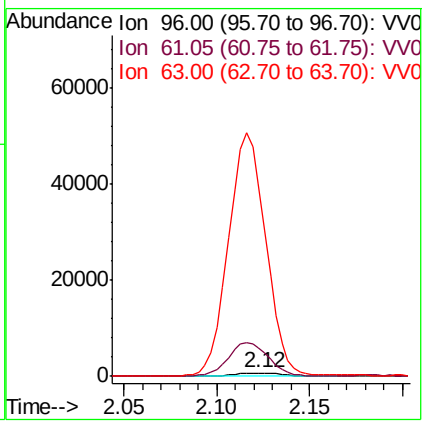


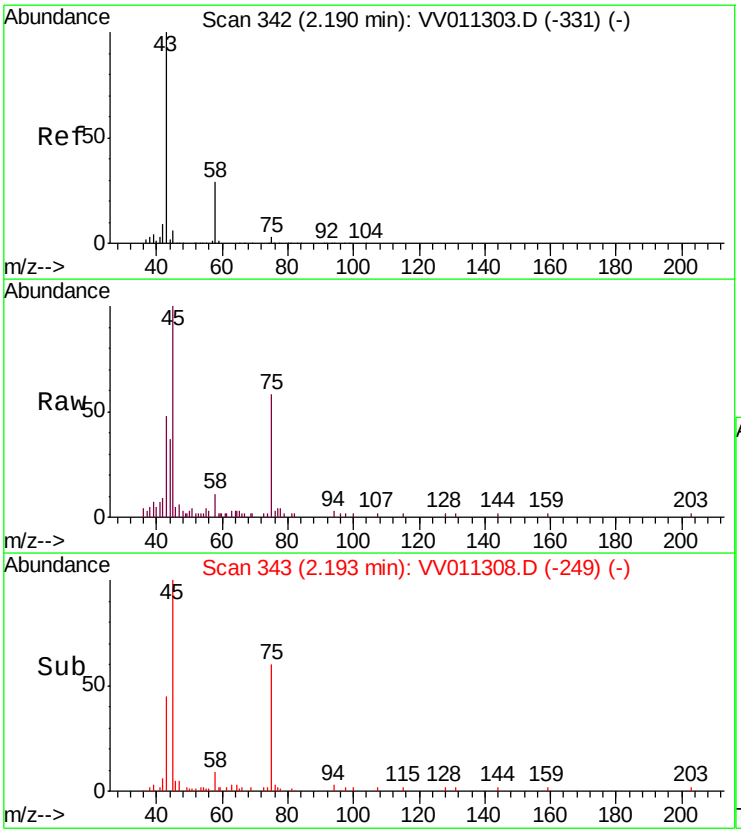
#12
1,1-Dichloroethene
Concen: 0.134 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion: 96 Resp: 1316

Ion	Ratio	Lower	Upper
96	100		
61	878.0	139.8	259.6#
63	6003.0	94.3	175.1#

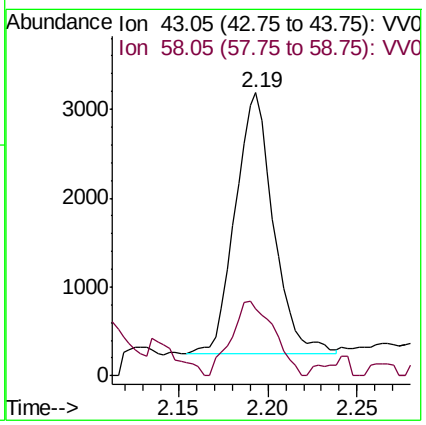


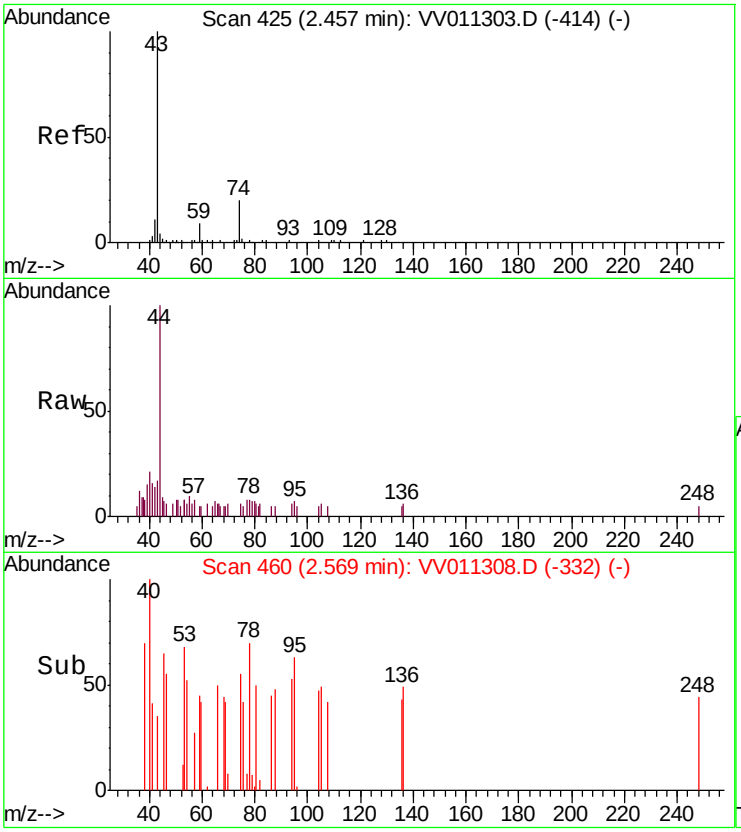


#13
Acetone
Concen: 2.486 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion: 43 Resp: 4419

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	55.2



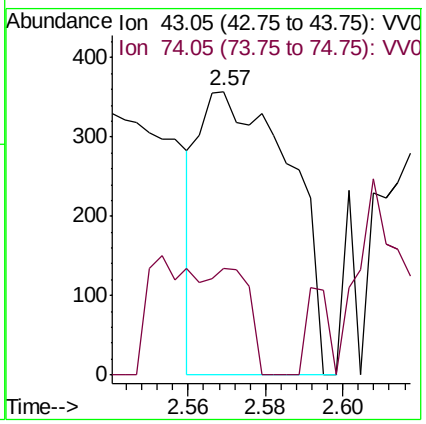


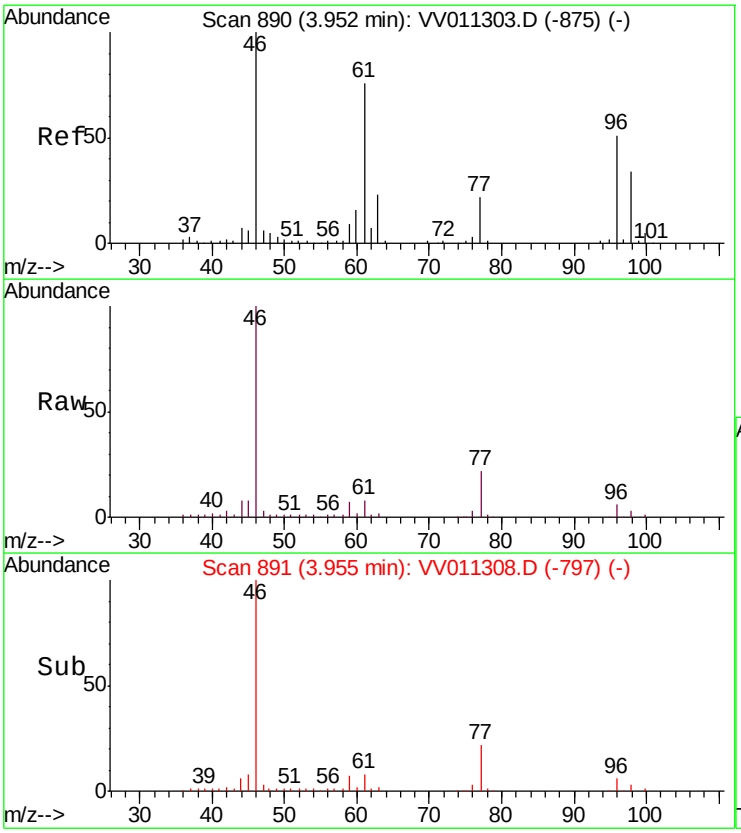
#15
Methyl Acetate
Concen: 0.124 ug/L
RT: 2.57 min Scan# 460
Delta R.T. 0.11 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion: 43 Resp: 584

Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.5	27.7

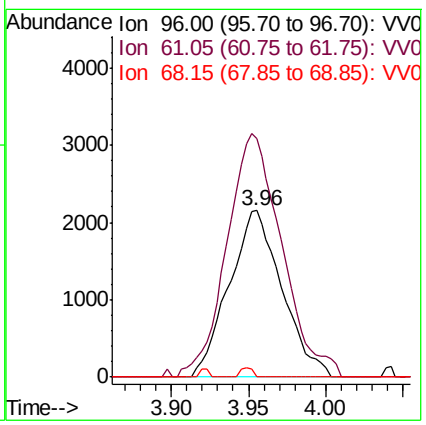


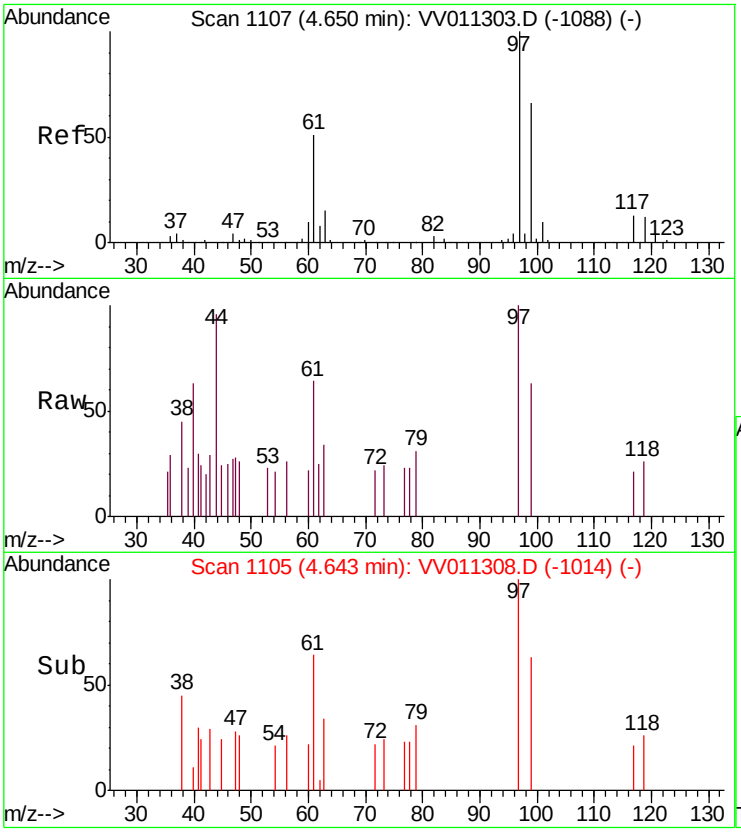


#22
cis-1,2-Dichloroethene
Concen: 0.421 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion: 96 Resp: 5116

Ion	Ratio	Lower	Upper
96	100		
61	143.0	100.8	187.2
68	0.0	0.0	0.0



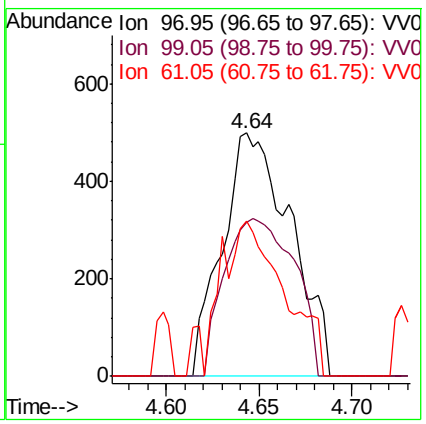


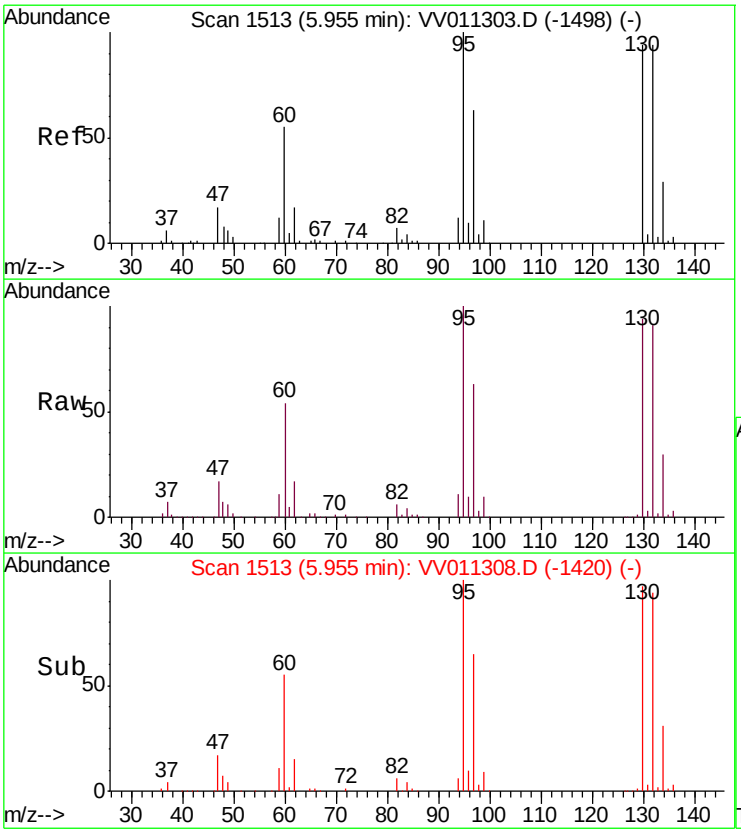
#29
1,1,1-Trichloroethane
Concen: 0.070 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument : MSVOA_V
ClientSampleId : BFCQ1

Tgt Ion: 97 Resp: 1288

Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.8	76.2
61	57.6	38.9	58.3

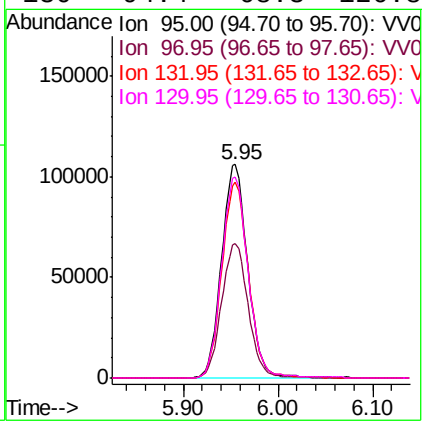


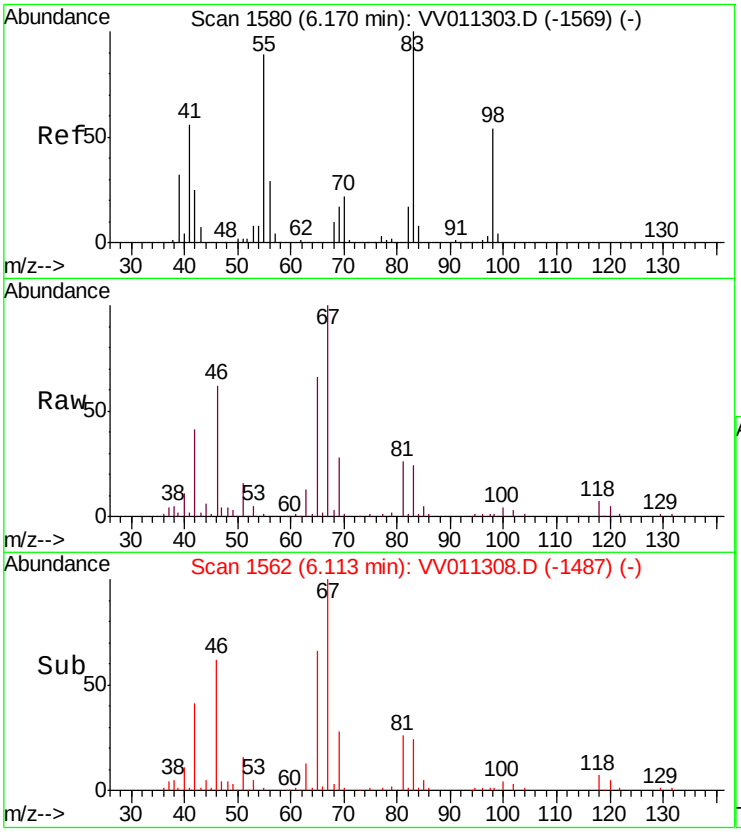


#34
Trichloroethene
Concen: 17.260 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion: 95 Resp: 204164

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.8	85.2
132	91.5	66.4	123.2
130	94.4	68.3	126.8



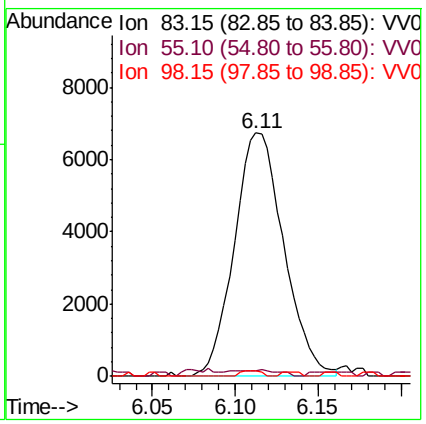


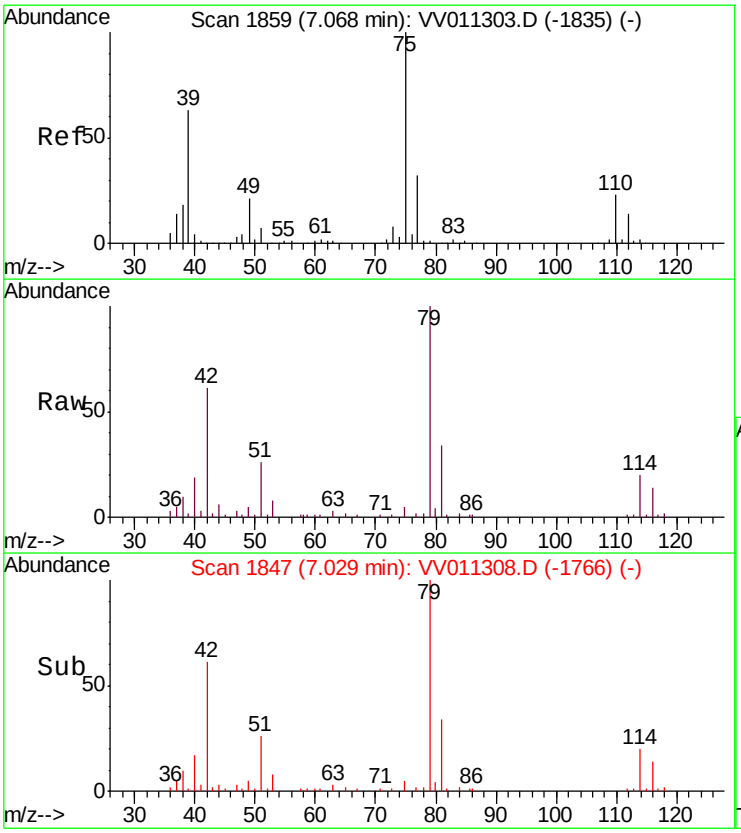
#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion: 83 Resp: 13988

Ion	Ratio	Lower	Upper
83	100		
55	2.5	67.0	100.6#
98	0.0	40.0	60.0#

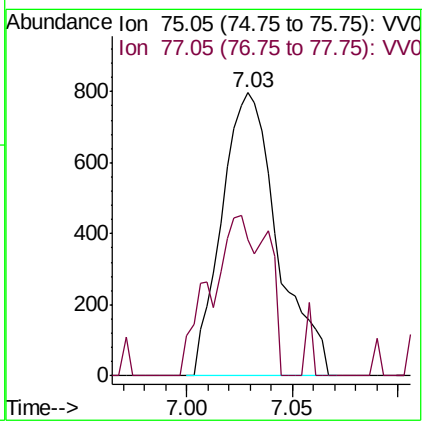


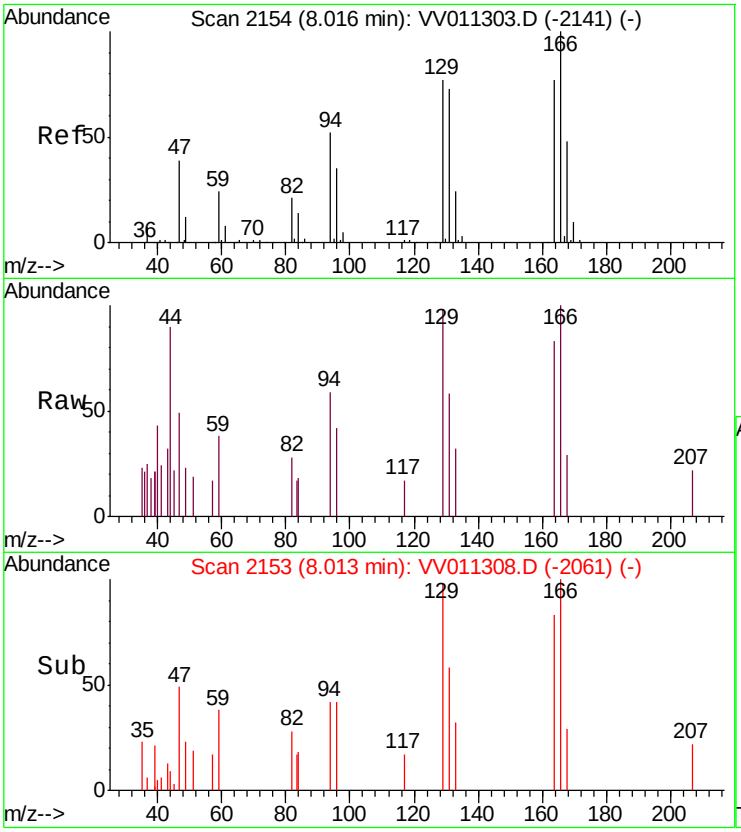


#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion: 75 Resp: 1468

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.2	41.2#



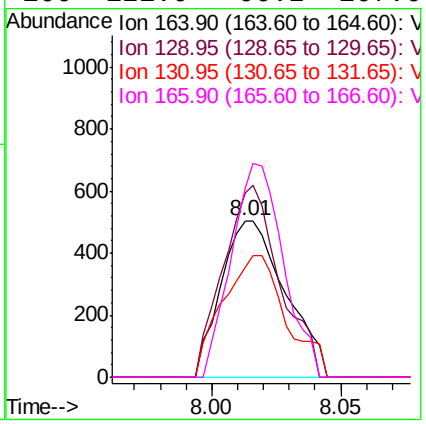


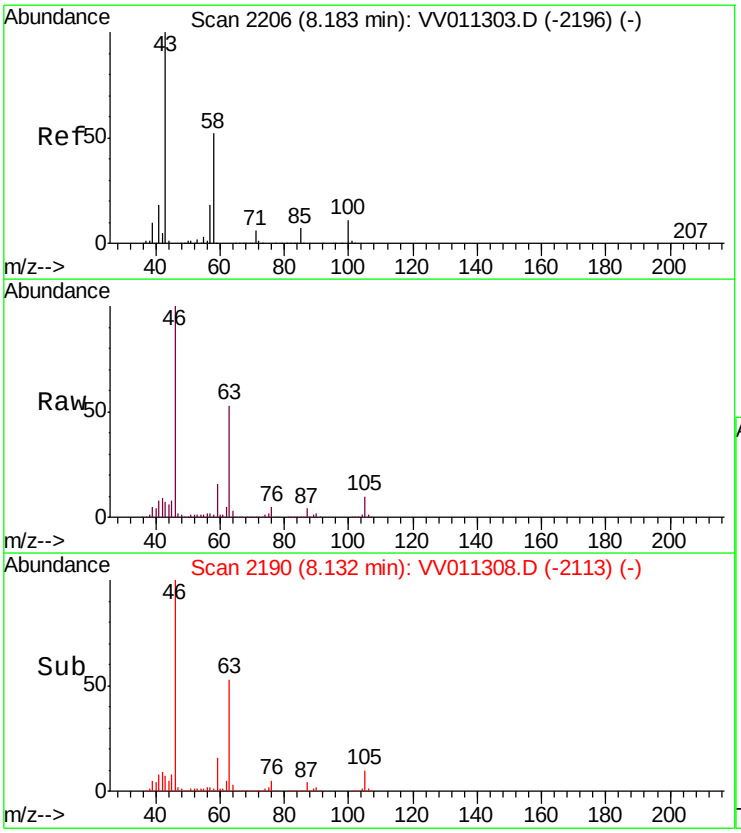
#47
Tetrachloroethene
Concen: 0.102 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion:164 Resp: 872

Ion	Ratio	Lower	Upper
164	100		
129	118.3	69.9	129.9
131	70.0	66.8	124.2
166	121.0	90.2	167.6

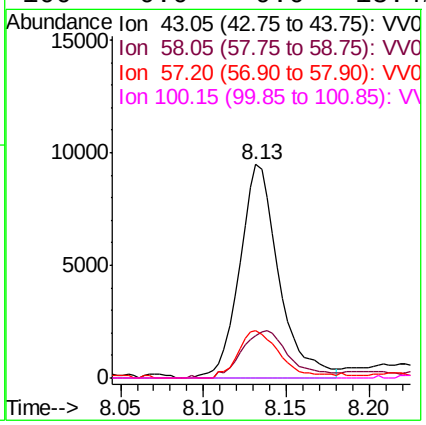


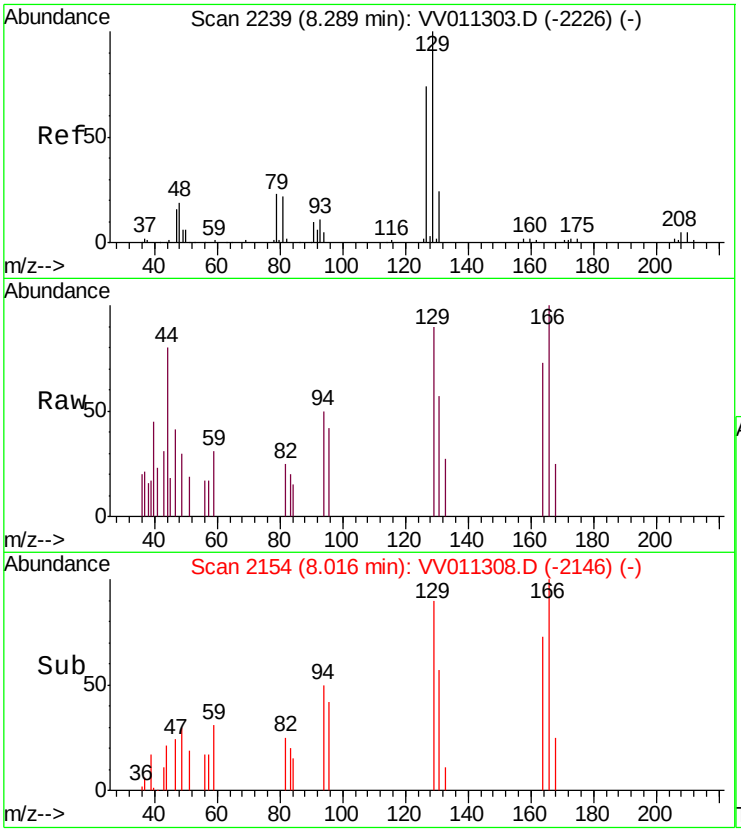


#48
2-Hexanone
Concen: 3.074 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Tgt Ion: 43 Resp: 15560

Ion	Ratio	Lower	Upper
43	100		
58	26.8	41.4	62.0#
57	23.4	15.0	22.4#
100	0.0	9.0	13.4#





#49
Dibromochloromethane
Concen: 0.110 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011308.D
Acq: 08 Jun 2019 02:02

Instrument :
MSVOA_V
ClientSampleId :
BFCQ1

Tgt Ion:129 Resp: 912

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#