Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082119\

Quantitation Report (Not Reviewed)

Data File : VV012334.D
Acq On : 22 Aug 2019 00:01
Operator : SY/MD
Sample : K4454-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2C09

Quant Time: Aug 22 03:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	217742	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95593	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48254	46.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.62%			
7) Chloroethane-d5	1.58	69	36979	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.06%			
11) 1,1-Dichloroethene-d2	2.13	63	73530	36.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.46%			
21) 2-Butanone-d5	3.93	46	59462	74.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 74.00%			
24) Chloroform-d	4.40	84	135445	46.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.44%			
26) 1,2-Dichloroethane-d4	5.08	65	103775	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.72%			
32) Benzene-d6	5.10	84	269219	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.32%			
36) 1,2-Dichloropropane-d6	6.12	67	72371	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.74%			
41) Toluene-d8	7.36	98	259056	49.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.06%			
43) trans-1,3-Dichloropropene-	7.66	79	40927	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
47) 2-Hexanone-d5	8.13	63	56751	93.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102785	49.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.46%			
64) 1,2-Dichlorobenzene-d4	11.67	152	109447	52.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.16%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	793	0.375	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	793	0.827	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	631	0.720	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	704	0.477	ug/L	97
25) Chloroform	4.42	83	10080	3.669	ug/L	91
33) Benzene	5.10	78	2392	0.467	ug/L	100
34) Trichloroethene	5.96	95	952	0.634	ug/L	96
35) Methylcyclohexane	6.12	83	21367	9.416	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9632	8.292	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2836	1.315	ug/L #	63
44) trans-1,3-Dichloropropene	7.66	75	1818	0.885	ug/L #	72
48) 2-Hexanone	8.18	43	3047	2.584	ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	8155	4.927	ug/L #	85

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082119\

Quantitation Report (Not Reviewed)

Data File : VV012334.D
Acq On : 22 Aug 2019 00:01
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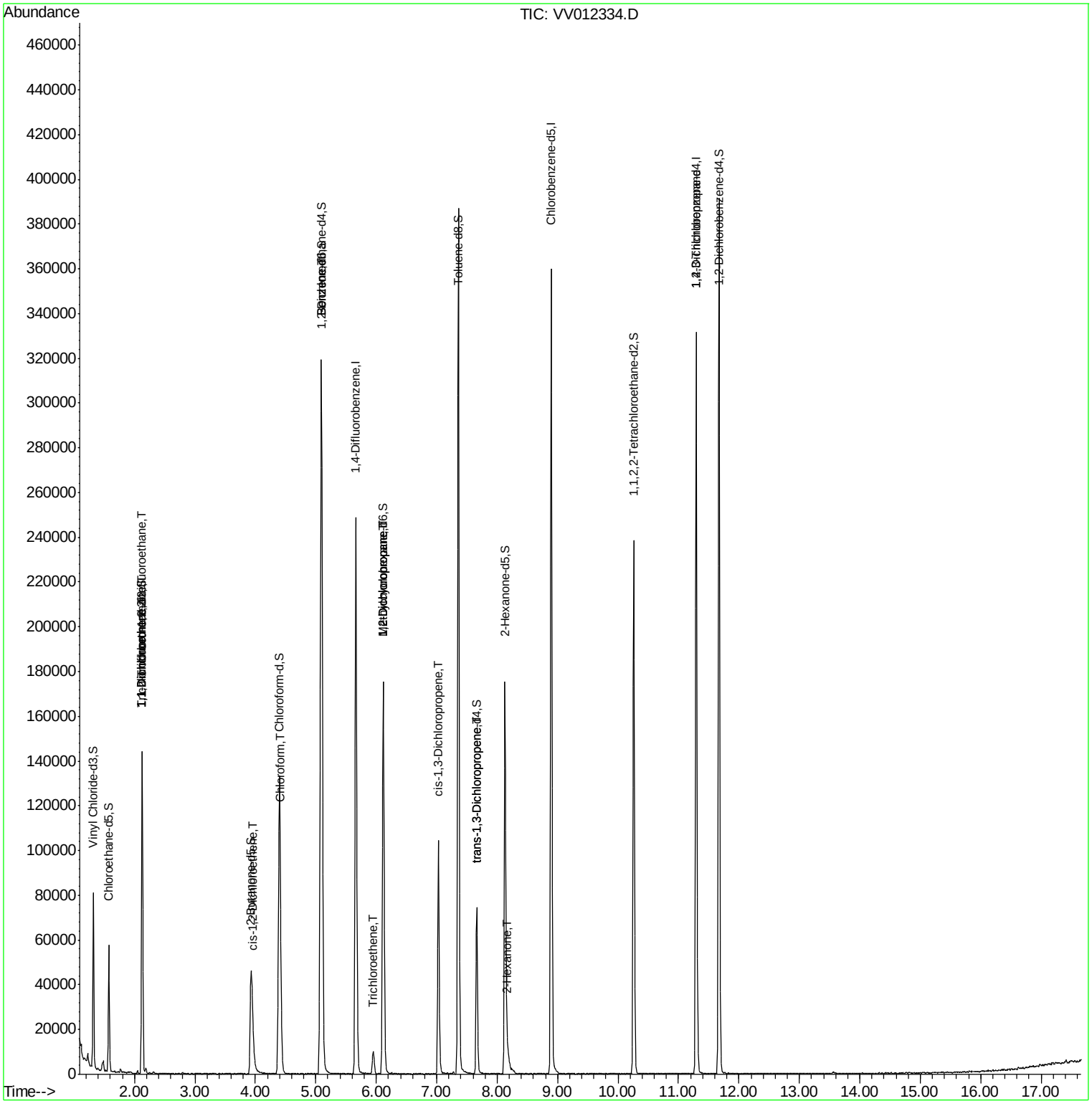
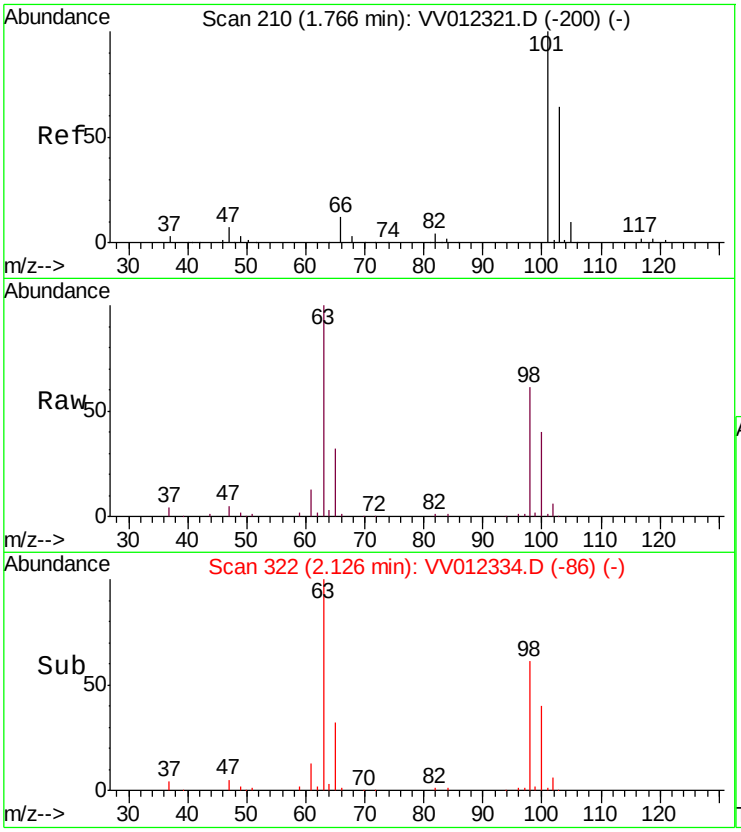
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Quant Time: Aug 22 03:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration



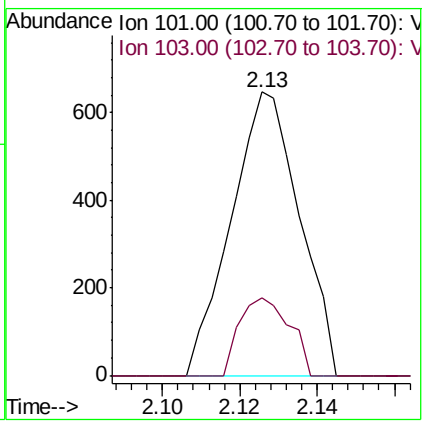


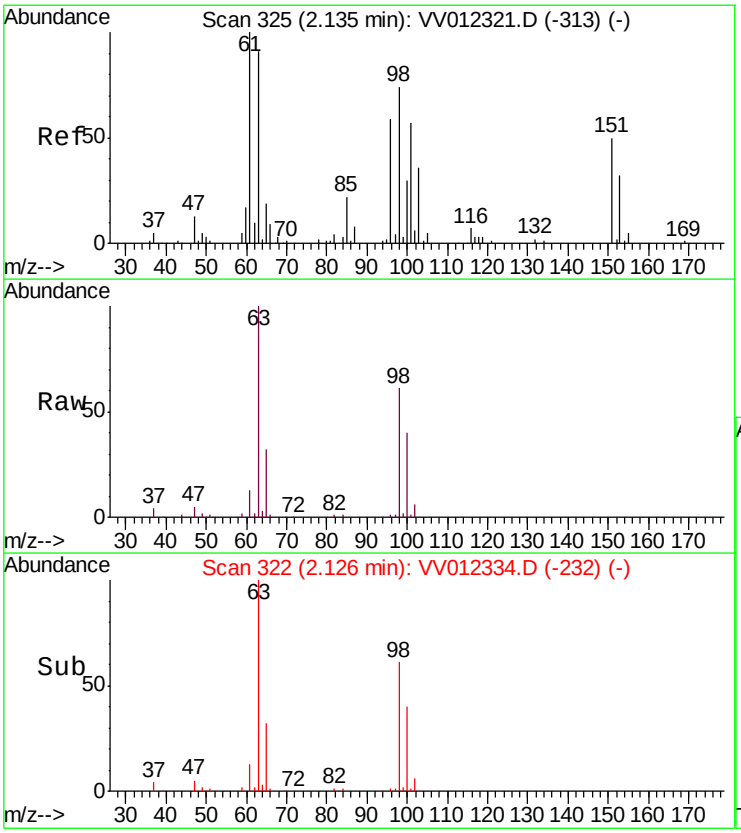
#9
Trichlorofluoromethane
Concen: 0.375 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Tgt Ion:101 Resp: 793

Ion	Ratio	Lower	Upper
101	100		
103	20.1	53.2	79.8#

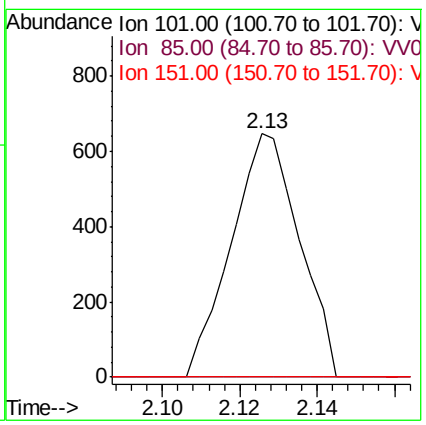


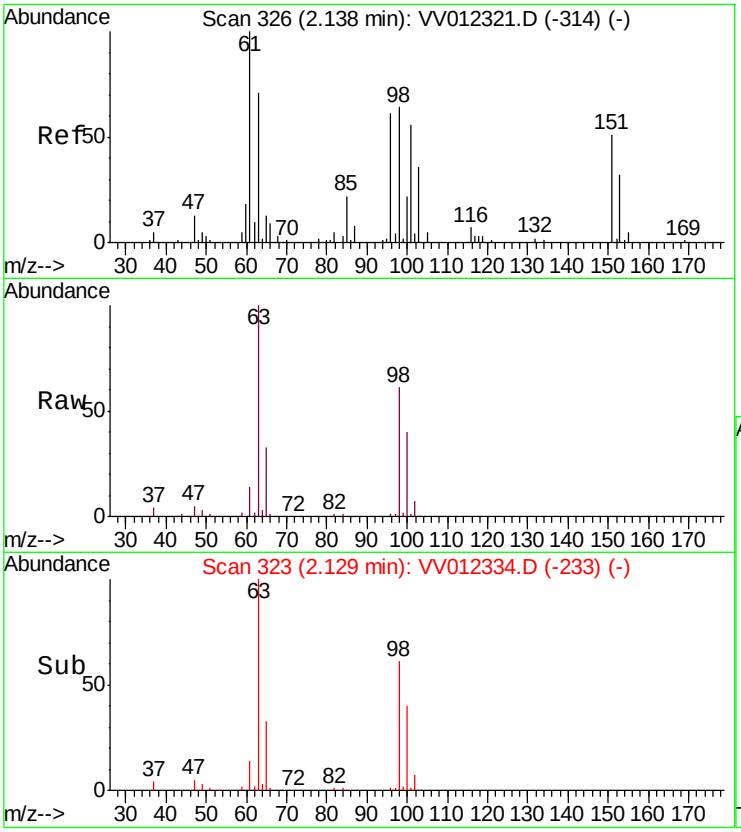


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.827 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion:101 Resp: 793

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.7	50.5#
151	0.0	73.0	109.6#



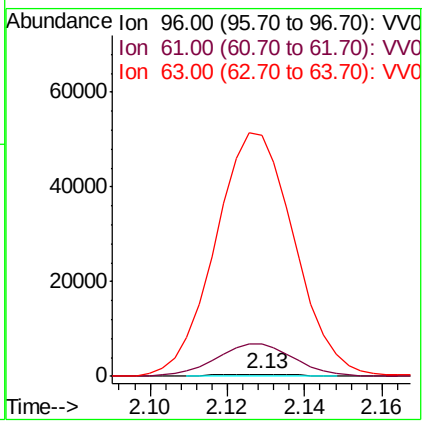


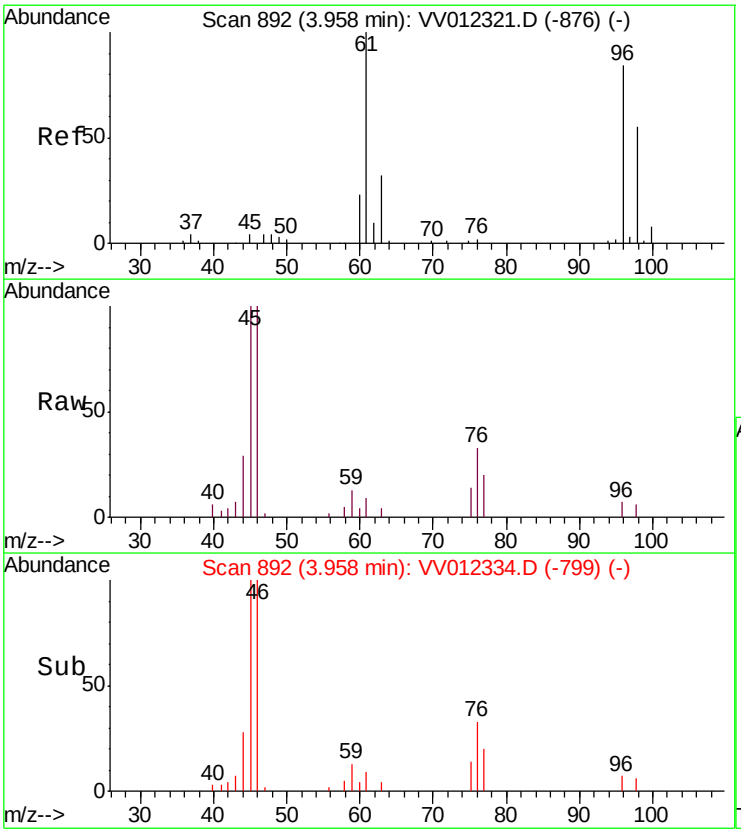
#12
1,1-Dichloroethene
Concen: 0.720 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument : MSVOA_V
ClientSampleId : F2C09

Tgt Ion: 96 Resp: 631

Ion	Ratio	Lower	Upper
96	100		
61	1503.0	122.6	227.8#
63	11083.5	98.6	183.2#

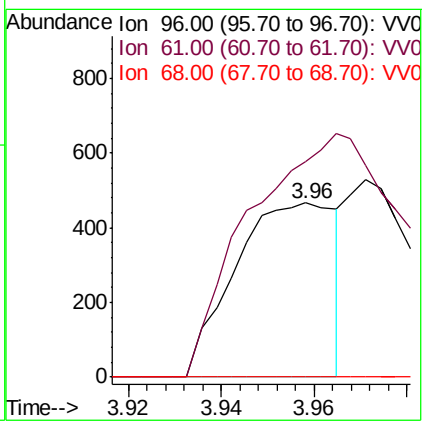


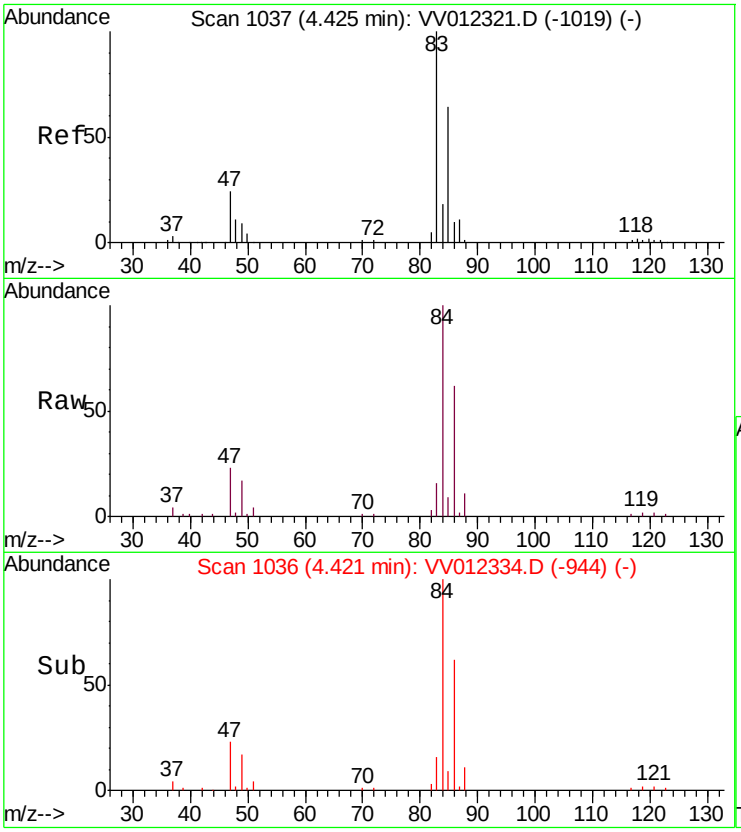


#20
cis-1,2-Dichloroethene
Concen: 0.477 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion: 96 Resp: 704

Ion	Ratio	Lower	Upper
96	100		
61	123.3	84.4	156.7
68	0.0	0.0	0.0



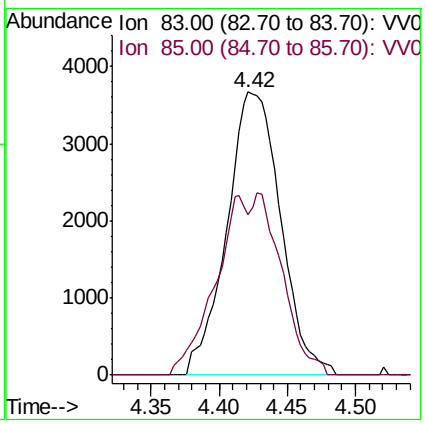


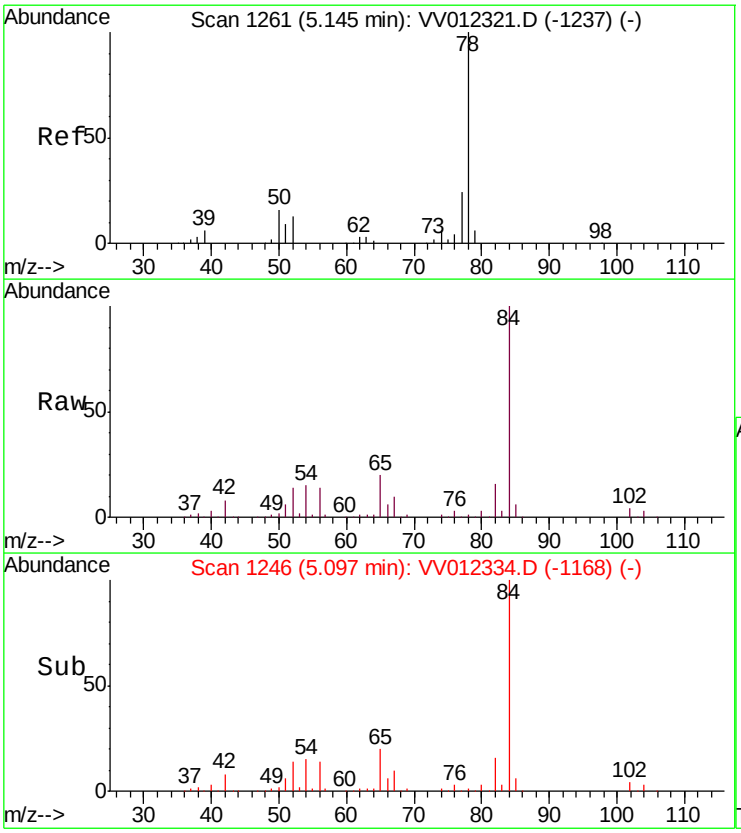
#25
Chloroform
Concen: 3.669 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Tgt Ion: 83 Resp: 10080

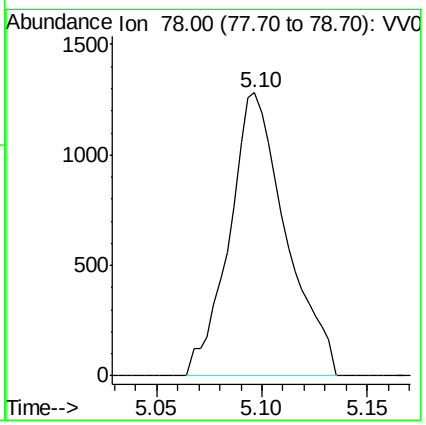
Ion	Ratio	Lower	Upper
83	100		
85	56.8	44.5	82.7

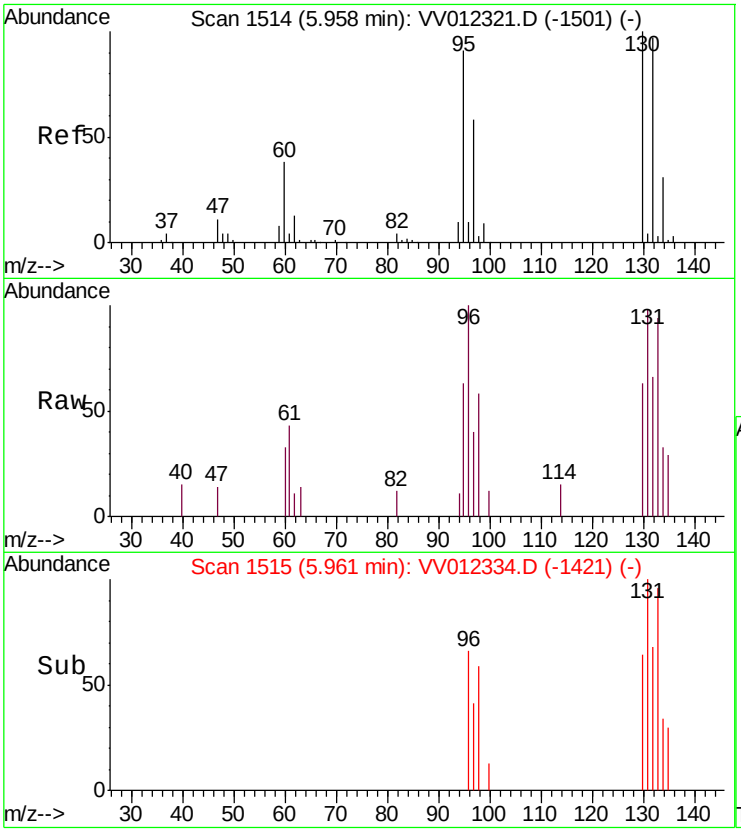




#33
Benzene
Concen: 0.467 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.05 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion: 78 Resp: 2392



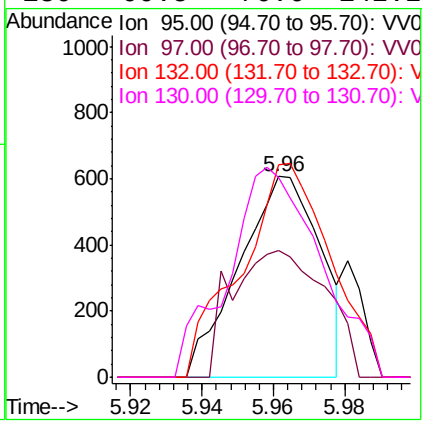


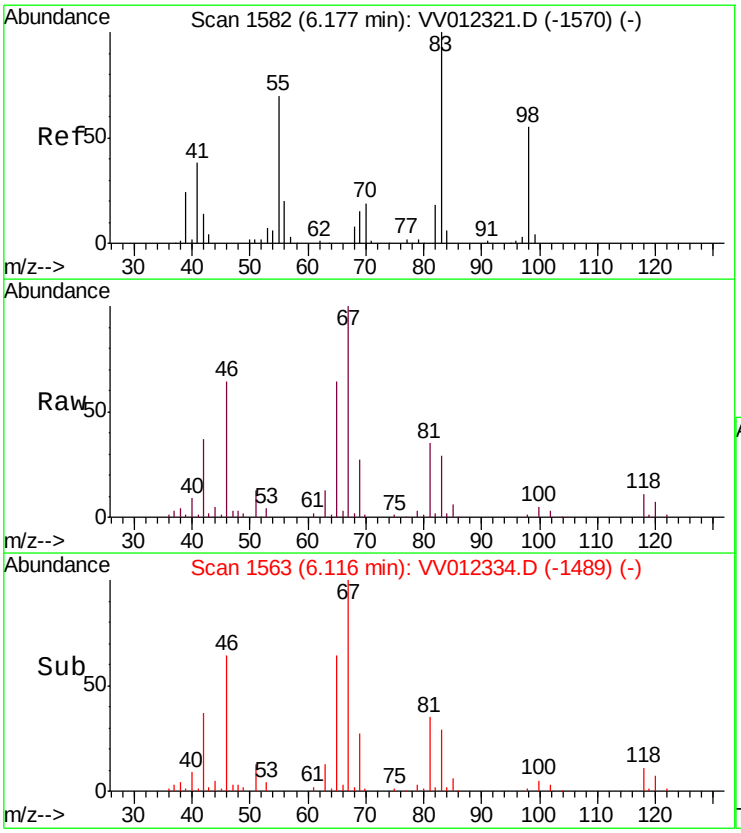
#34
Trichloroethene
Concen: 0.634 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Tgt Ion: 95 Resp: 952

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	105.6	73.9	137.3
130	99.5	76.6	142.2

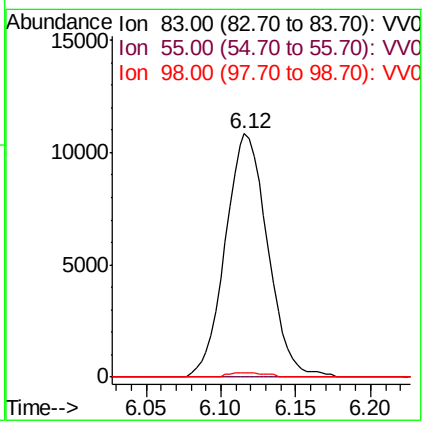


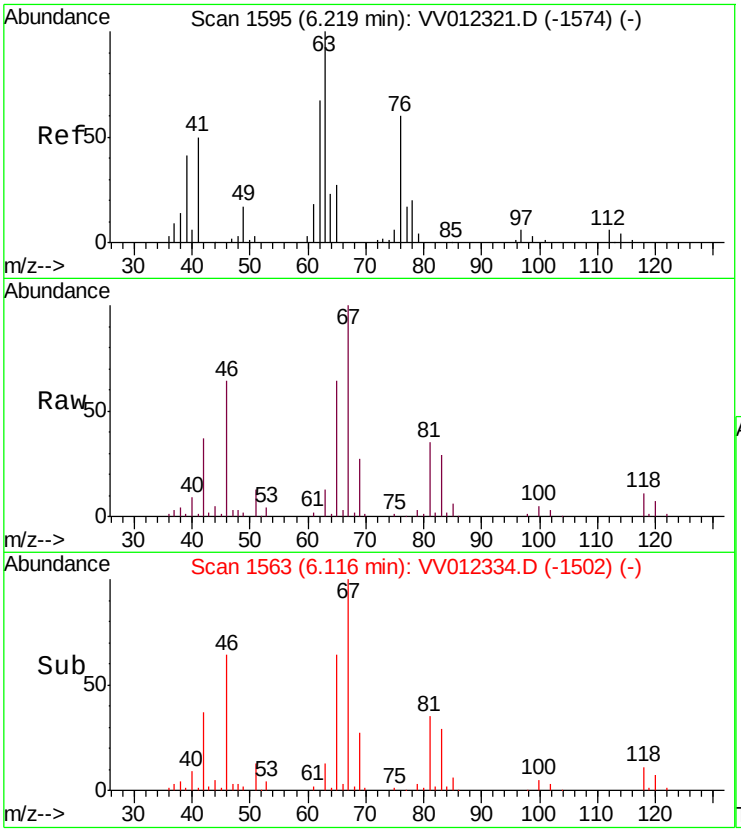


#35
Methylcyclohexane
Concen: 9.416 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion: 83 Resp: 21367

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.2	84.4#
98	1.4	42.2	63.4#



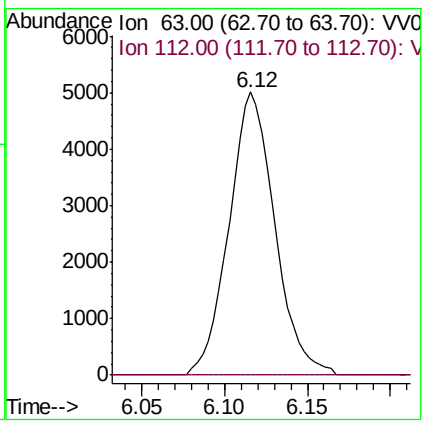


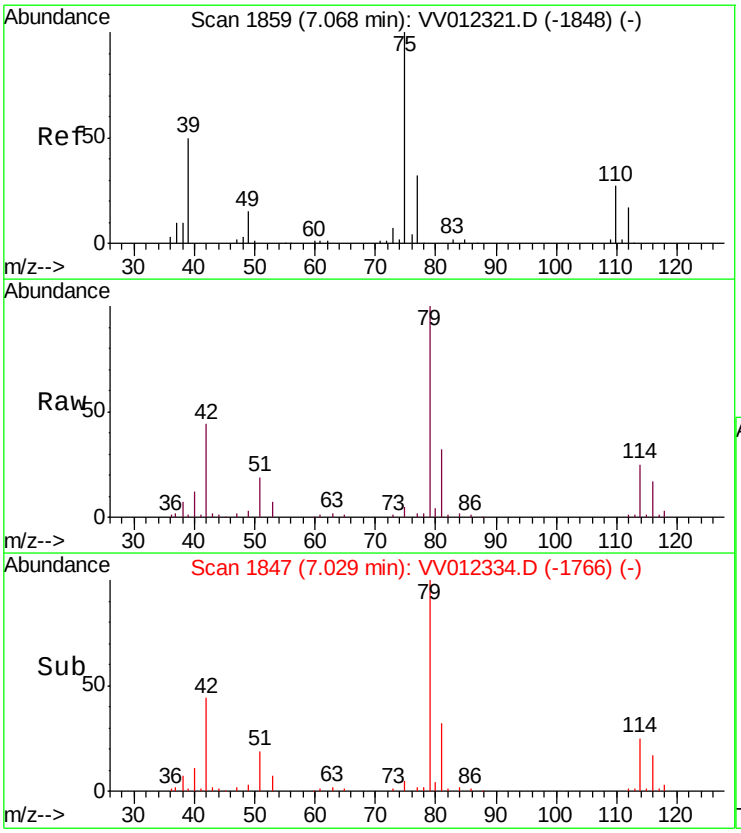
#37
1,2-Dichloropropane
Concen: 8.292 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument : MSVOA_V
ClientSampleId : F2C09

Tgt Ion: 63 Resp: 9632

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#

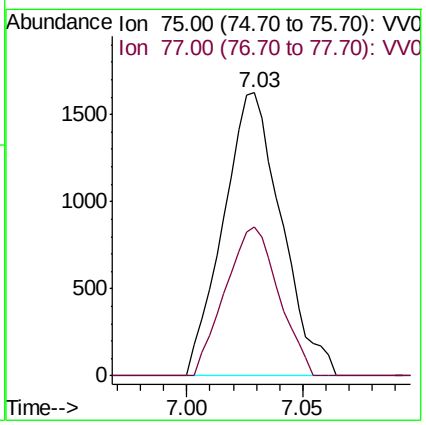


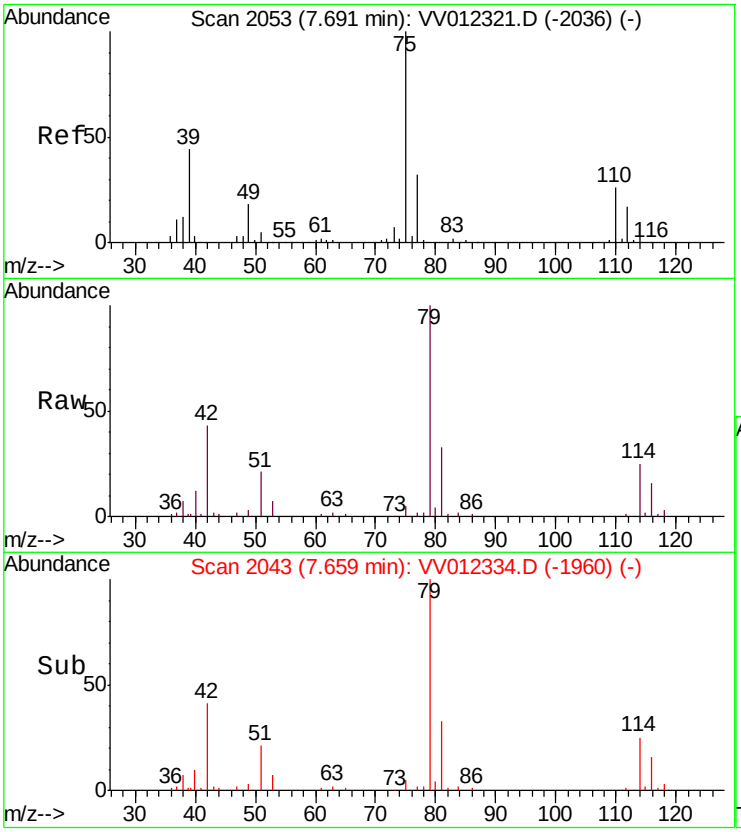


#39
cis-1,3-Dichloropropene
Concen: 1.315 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion: 75 Resp: 2836

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.5	41.7#



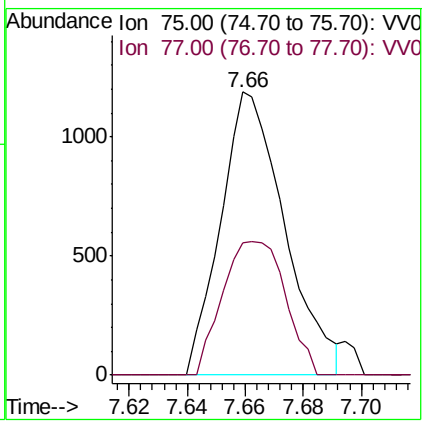


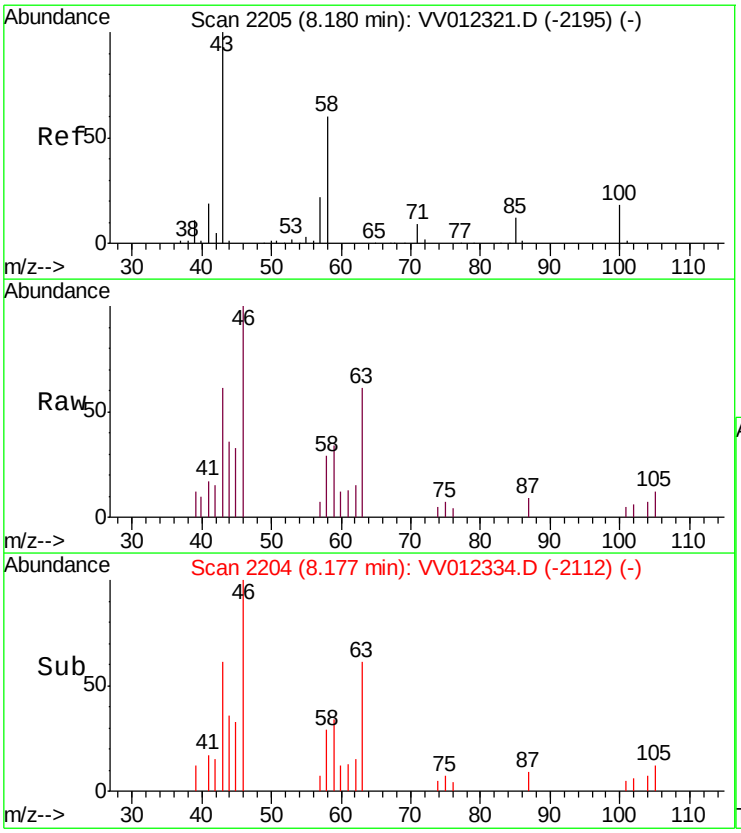
#44
trans-1,3-Dichloropropene
Concen: 0.885 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Tgt Ion: 75 Resp: 1818

Ion	Ratio	Lower	Upper
75	100		
77	46.5	21.7	40.3#

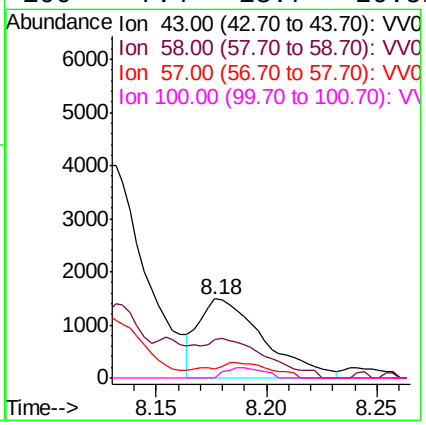


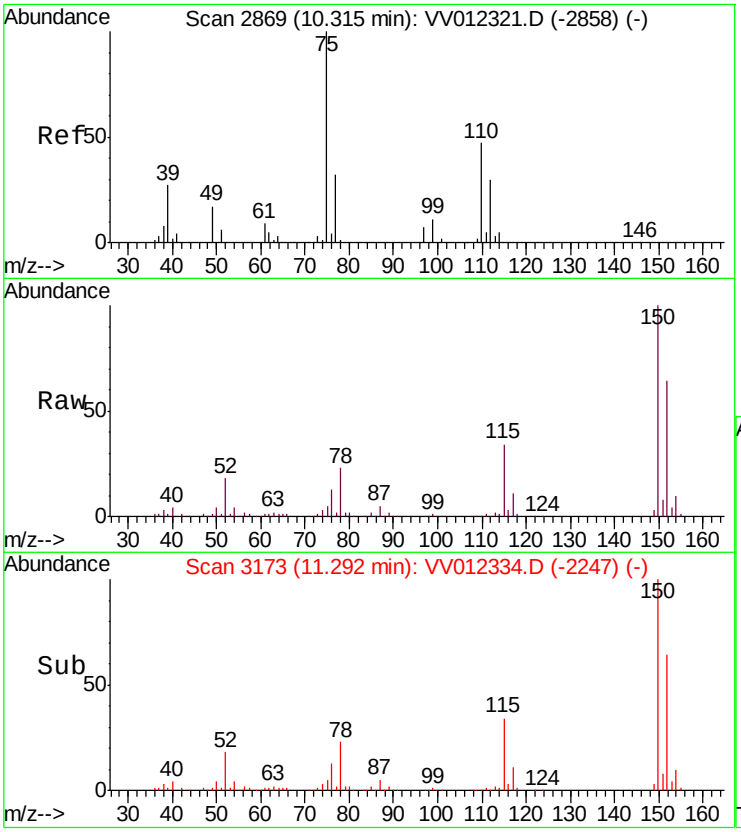


#48
2-Hexanone
Concen: 2.584 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Tgt Ion: 43 Resp: 3047

Ion	Ratio	Lower	Upper
43	100		
58	39.1	45.7	68.5#
57	7.6	16.8	25.2#
100	7.4	13.7	20.5#





#59
1,2,3-Trichloropropane
Concen: 4.927 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012334.D
Acq: 22 Aug 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
F2C09

Tgt Ion: 75 Resp: 8155

Ion	Ratio	Lower	Upper
75	100		
77	42.1	26.8	40.2#