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

Quantitation Report (Not Reviewed)

Data File : VV012333.D
Acq On : 21 Aug 2019 23:36
Operator : SY/MD
Sample : K4454-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2C08

Quant Time: Aug 22 03:53:31 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	209533	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92279	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46501	46.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.74%			
7) Chloroethane-d5	1.58	69	36576	51.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.84%			
11) 1,1-Dichloroethene-d2	2.13	63	77506	39.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.38%			
21) 2-Butanone-d5	3.93	46	69471	89.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.84%			
24) Chloroform-d	4.40	84	136582	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.88%			
26) 1,2-Dichloroethane-d4	5.08	65	102660	52.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.58%			
32) Benzene-d6	5.10	84	269808	51.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.50%			
36) 1,2-Dichloropropane-d6	6.12	67	73091	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.68%			
41) Toluene-d8	7.36	98	258966	50.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.94%			
43) trans-1,3-Dichloropropene-	7.66	79	40471	46.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.30%			
47) 2-Hexanone-d5	8.13	63	56535	96.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102073	50.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.68%			
64) 1,2-Dichlorobenzene-d4	11.67	152	109388	53.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.84%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	42912	42.404	ug/L	98
9) Trichlorofluoromethane	2.13	101	777	0.382	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	777	0.842	ug/L #	13
12) 1,1-Dichloroethene	2.14	96	3665	4.348	ug/L #	1
17) trans-1,2-Dichloroethene	2.79	96	22241	17.438	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	207178	49.032	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	381027	268.463	ug/L	98
25) Chloroform	4.42	83	9793	3.704	ug/L	95
34) Trichloroethene	5.96	95	216107	148.267	ug/L	93
37) 1,2-Dichloropropane	6.12	63	9465	8.390	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2639	1.260	ug/L #	83
40) 4-Methyl-2-pentanone	7.35	43	1094	0.721	ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	1886	0.945	ug/L	89
48) 2-Hexanone	8.18	43	2124	1.855	ug/L #	52
59) 1,2,3-Trichloropropane	11.29	75	7886	4.906	ug/L	89

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

Quantitation Report (Not Reviewed)

Data File : VV012333.D
Acq On : 21 Aug 2019 23:36
Operator : SY/MD
Sample : K4454-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Quant Time: Aug 22 03:53:31 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)

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

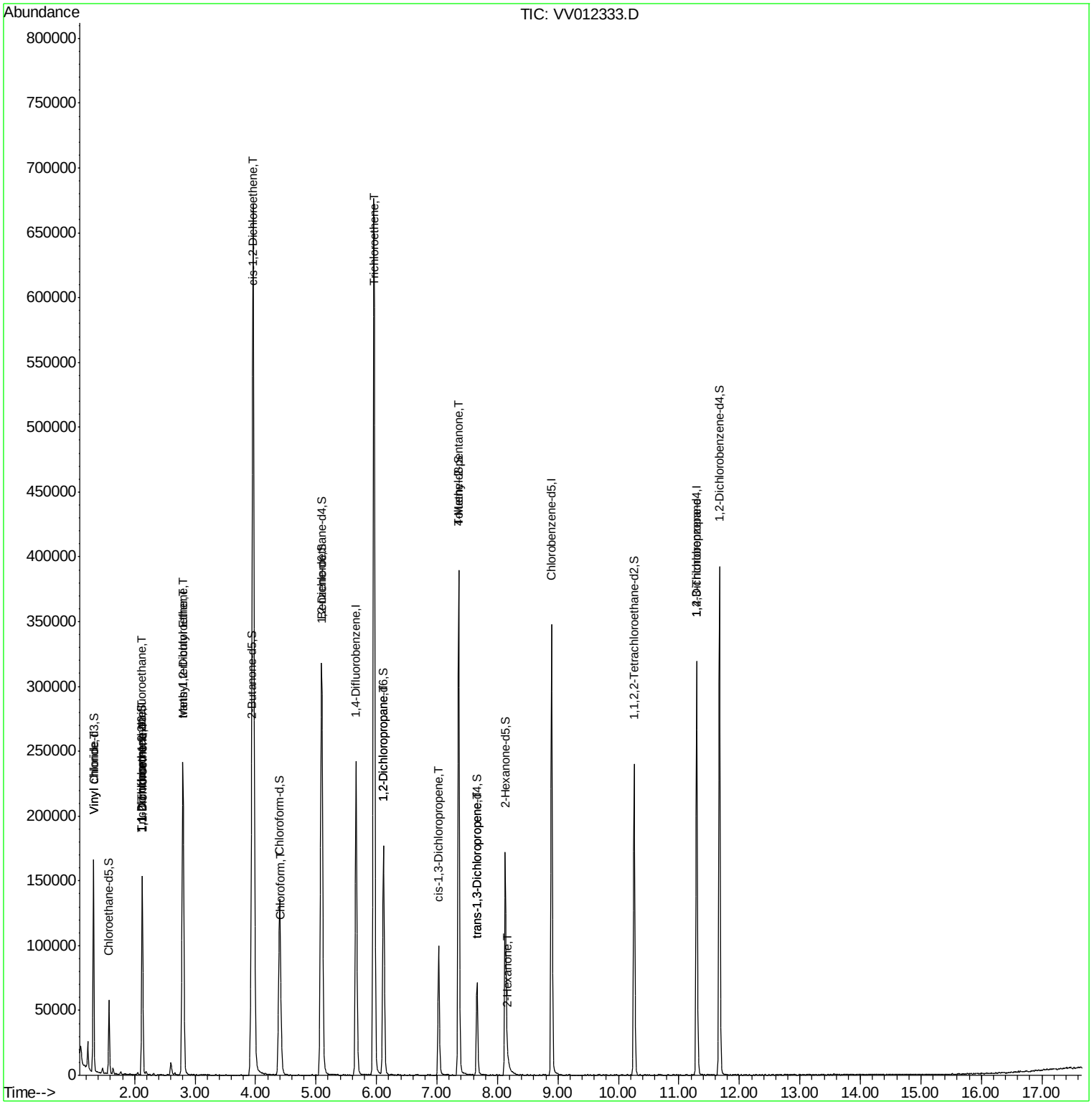
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082119\

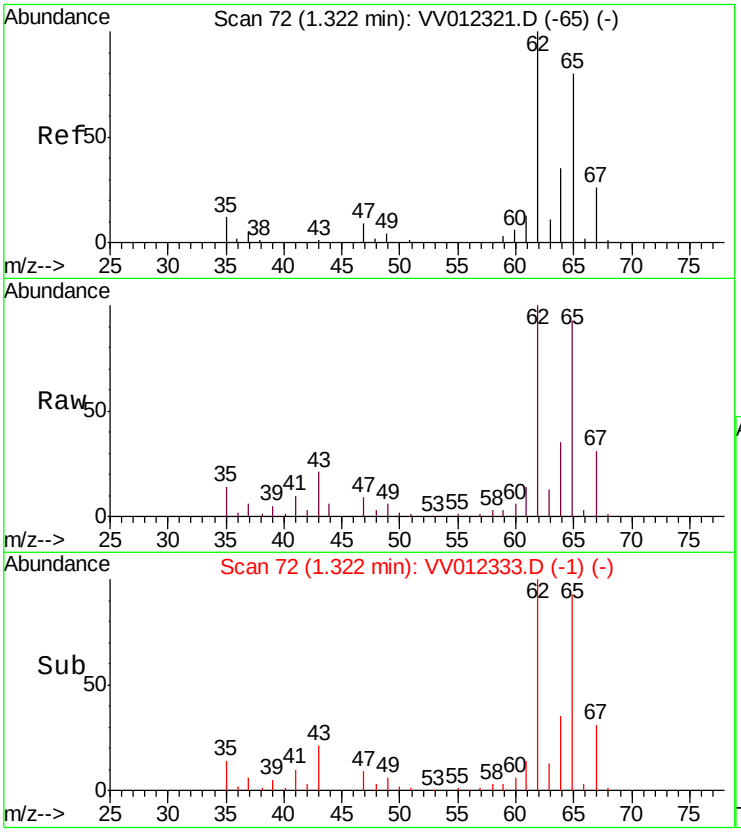
Quantitation Report (Not Reviewed)

Data File : VV012333.D
Acq On : 21 Aug 2019 23:36
Operator : SY/MD
Sample : K4454-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2C08

Quant Time: Aug 22 03:53:31 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



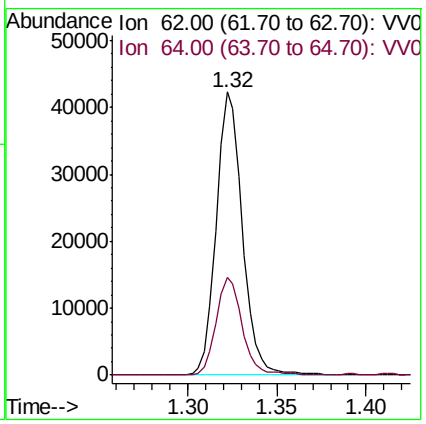


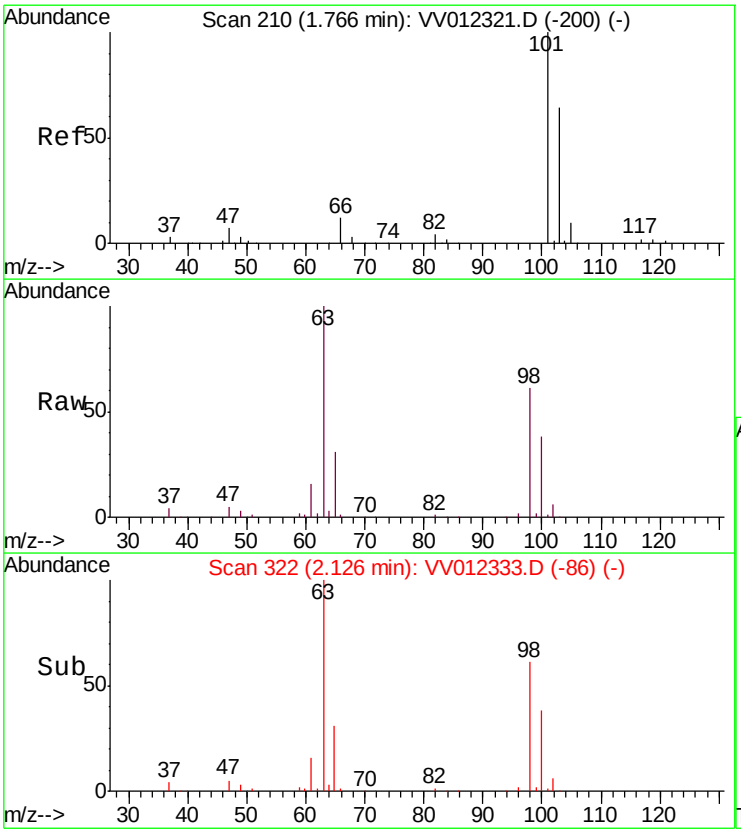
#5
Vinyl chloride
Concen: 42.404 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 62 Resp: 42912

Ion	Ratio	Lower	Upper
62	100		
64	34.5	23.5	43.7

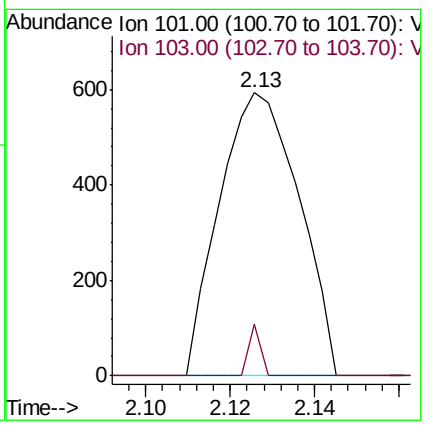


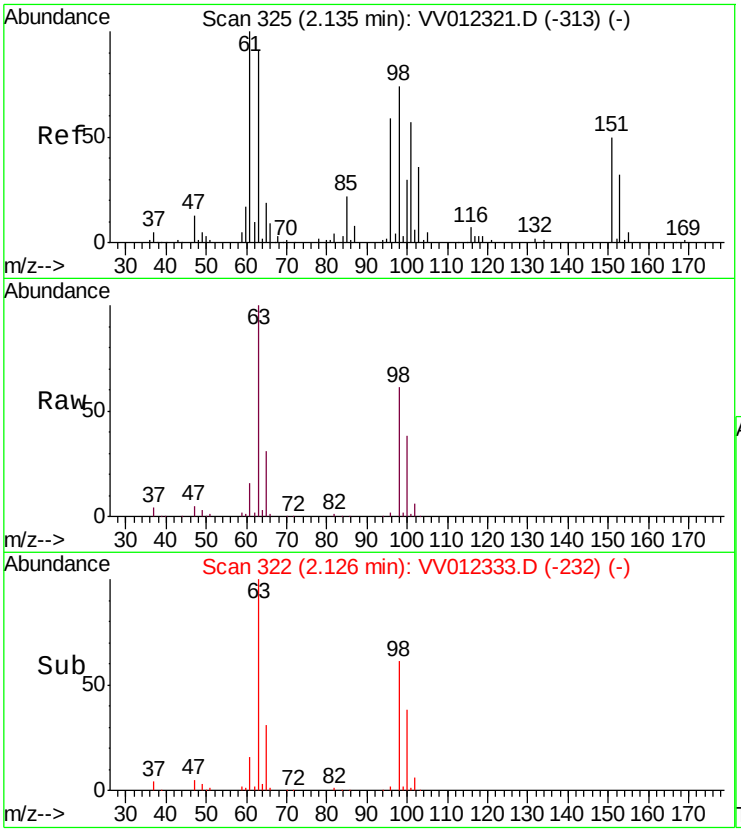


#9
Trichlorofluoromethane
Concen: 0.382 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion:101 Resp: 777

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.2	79.8#



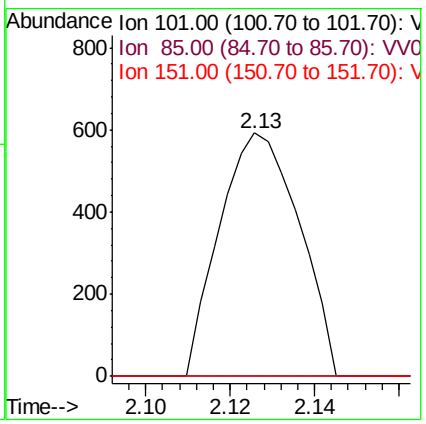


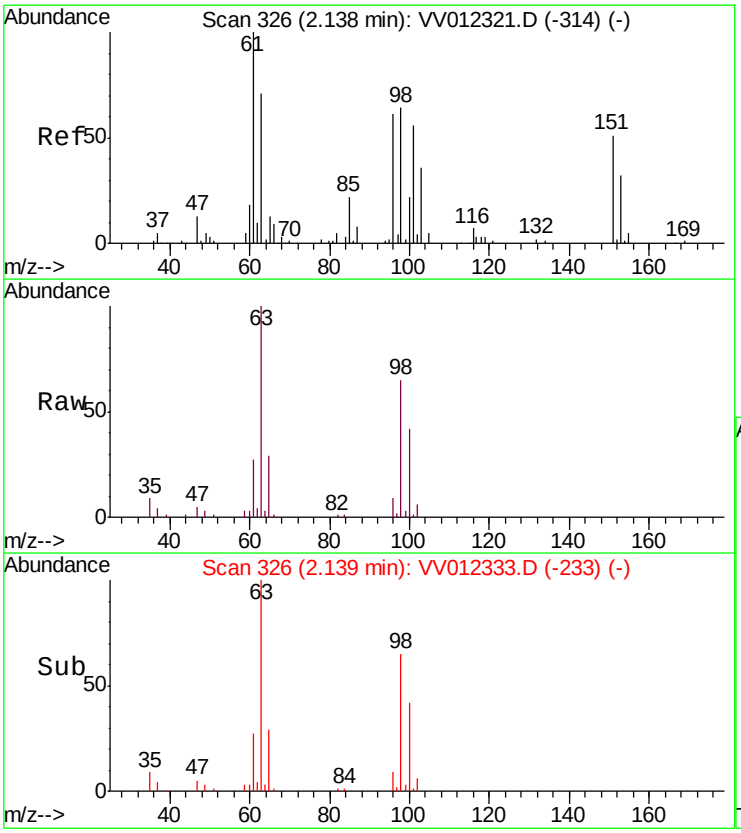
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.842 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion:101 Resp: 777

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

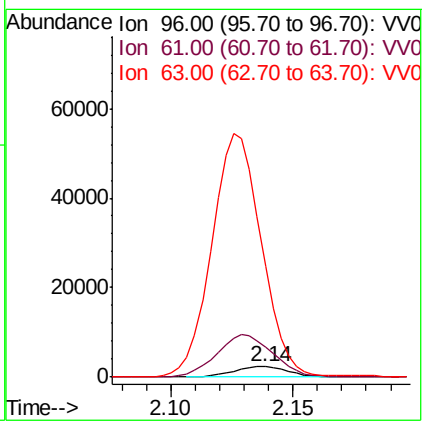


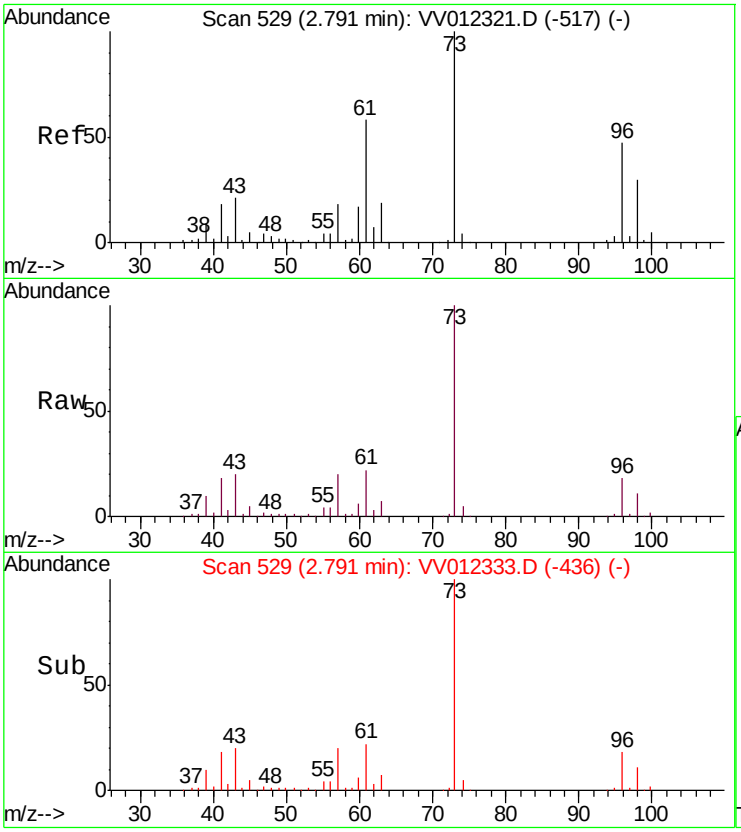


#12
1,1-Dichloroethene
Concen: 4.348 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 96 Resp: 3665

Ion	Ratio	Lower	Upper
96	100		
61	290.2	122.6	227.8#
63	1060.8	98.6	183.2#



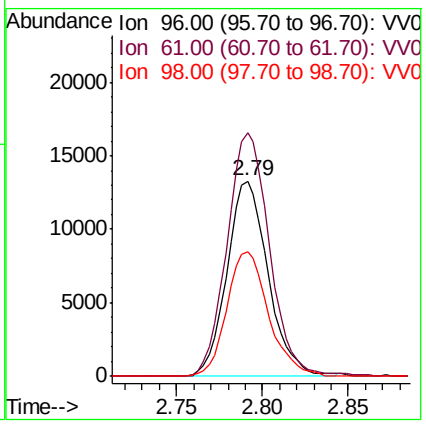


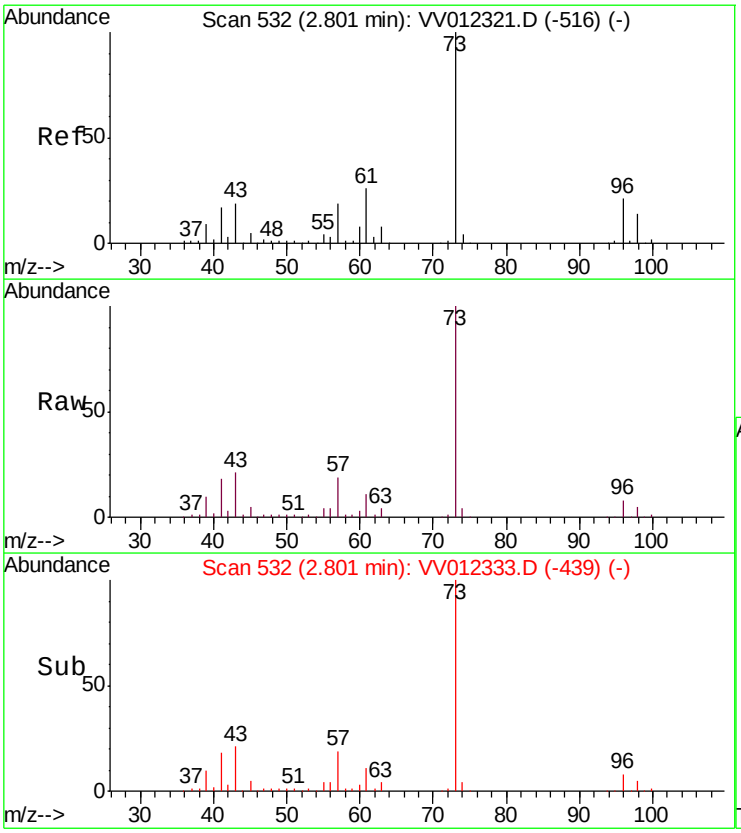
#17
trans-1,2-Dichloroethene
Concen: 17.438 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 96 Resp: 22241

Ion	Ratio	Lower	Upper
96	100		
61	124.7	87.0	161.6
98	63.8	43.8	81.4

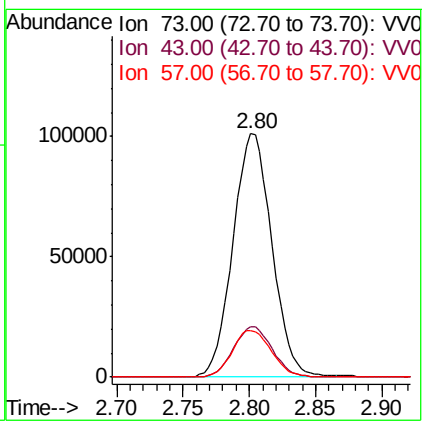


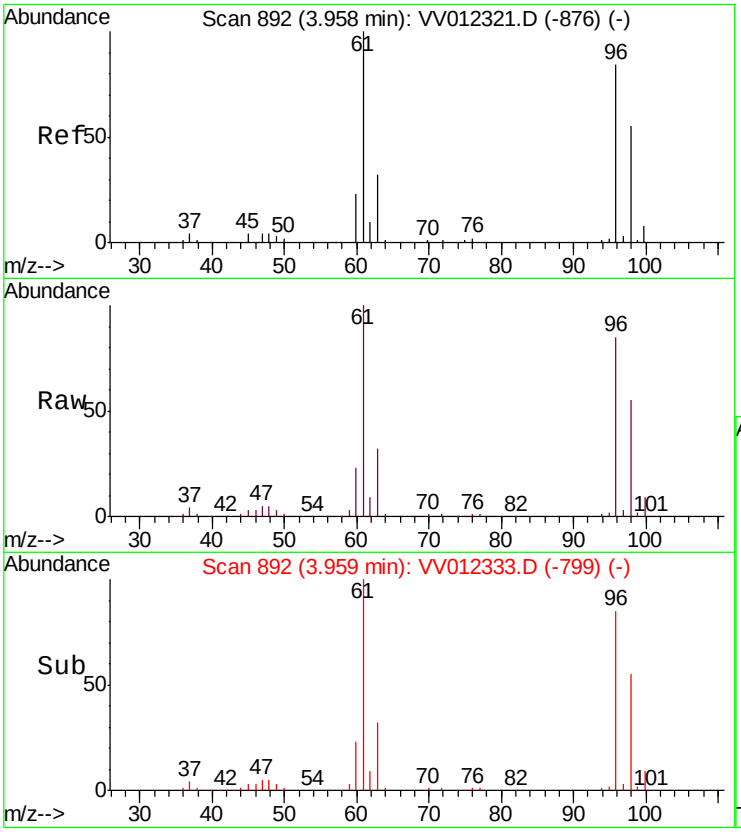


#18
Methyl tert-butyl Ether
Concen: 49.032 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 73 Resp: 207178

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.6	25.0
57	19.5	15.0	22.6



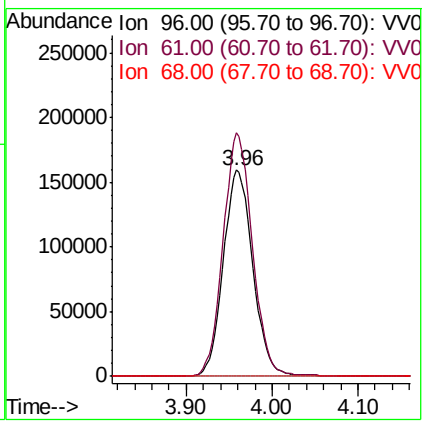


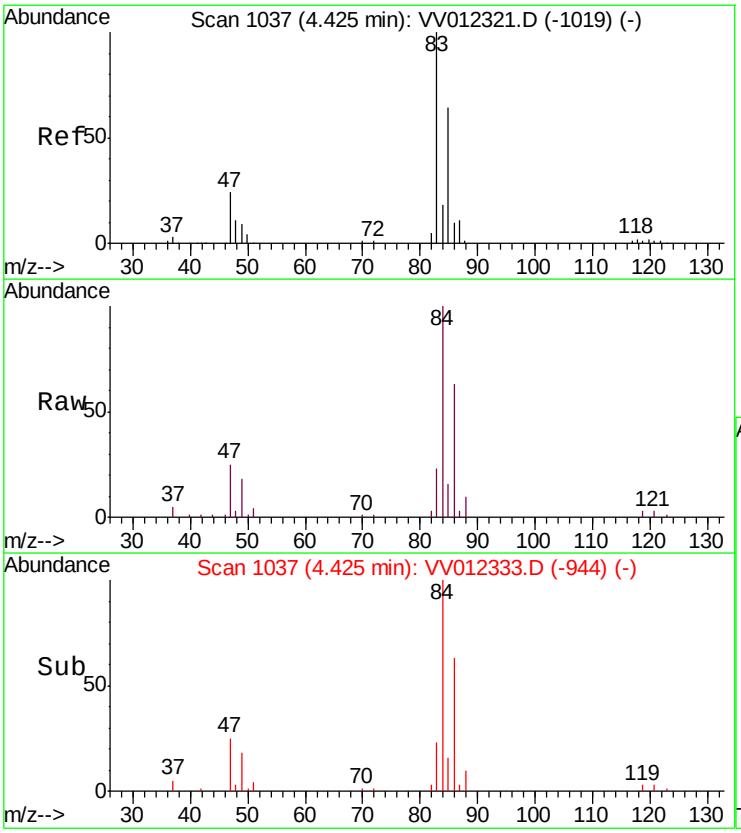
#20
cis-1,2-Dichloroethene
Concen: 268.463 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 96 Resp: 381027

Ion	Ratio	Lower	Upper
96	100		
61	118.0	84.4	156.7
68	0.0	0.0	0.0

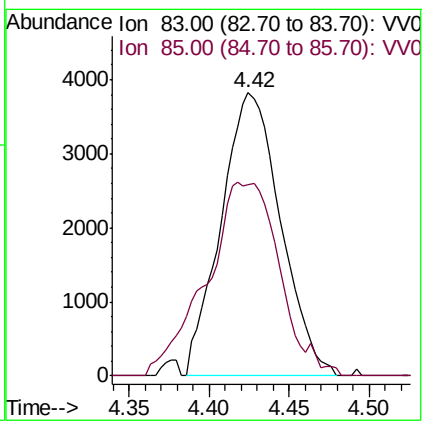


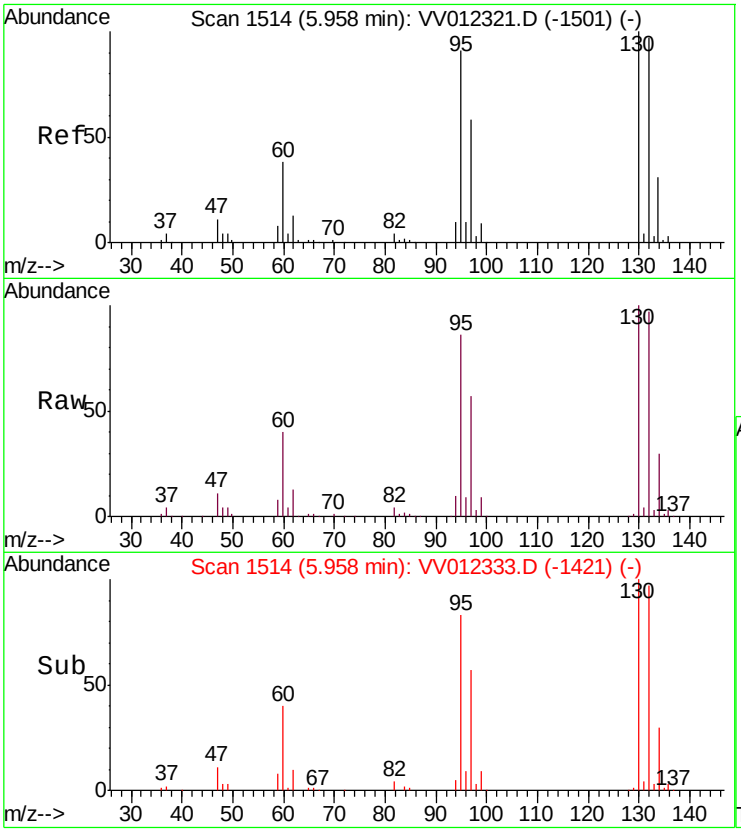


#25
Chloroform
Concen: 3.704 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 83 Resp: 9793

Ion	Ratio	Lower	Upper
83	100		
85	67.7	44.5	82.7



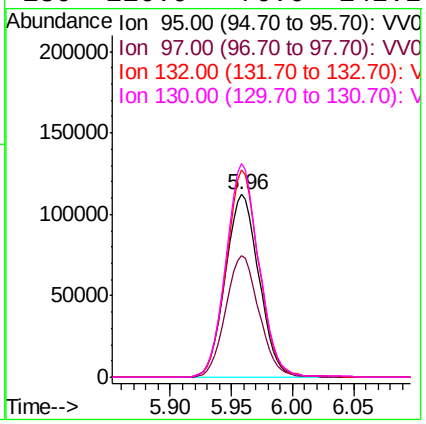


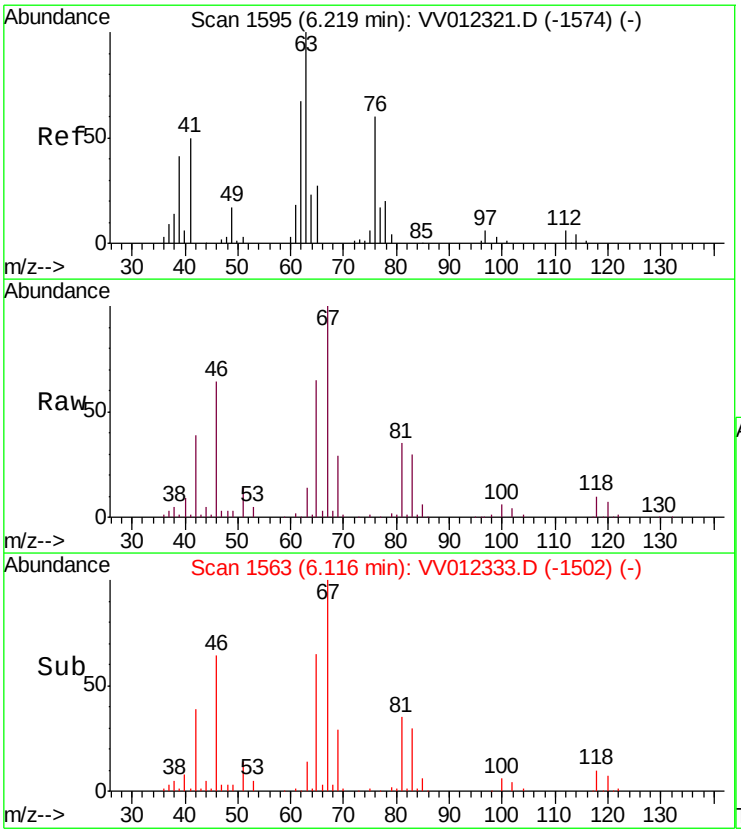
#34
Trichloroethene
Concen: 148.267 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 95 Resp: 216107

Ion	Ratio	Lower	Upper
95	100		
97	66.6	43.6	81.0
132	113.7	73.9	137.3
130	116.9	76.6	142.2

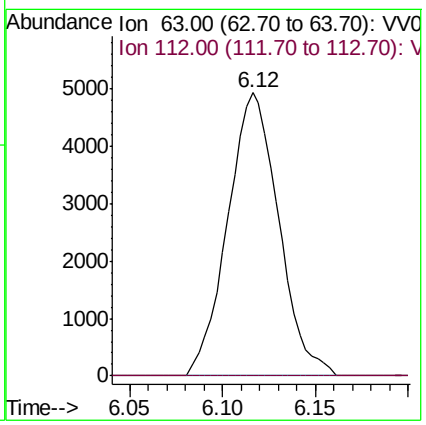


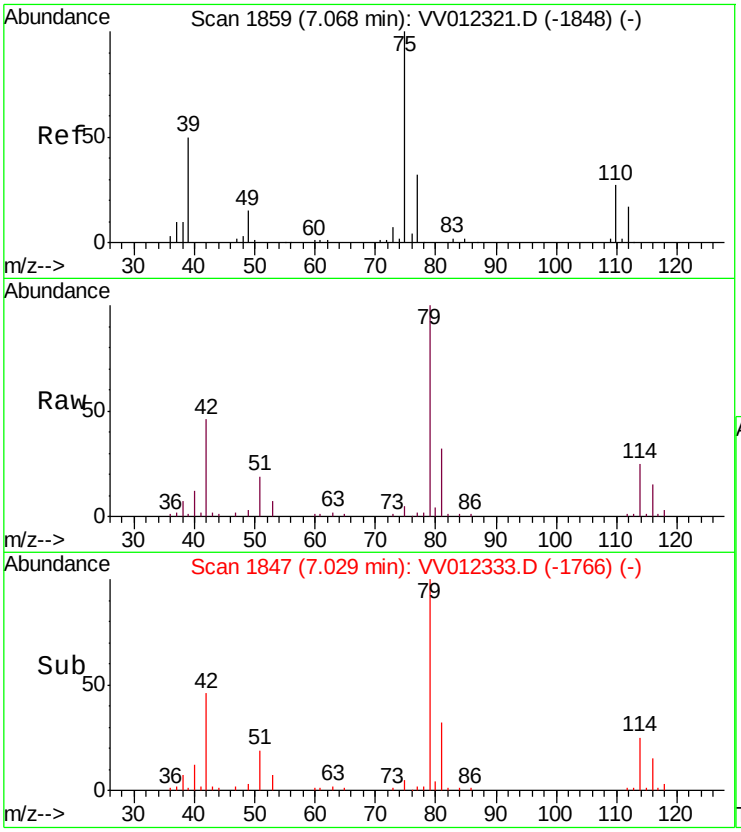


#37
1,2-Dichloropropane
Concen: 8.390 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 63 Resp: 9465

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#



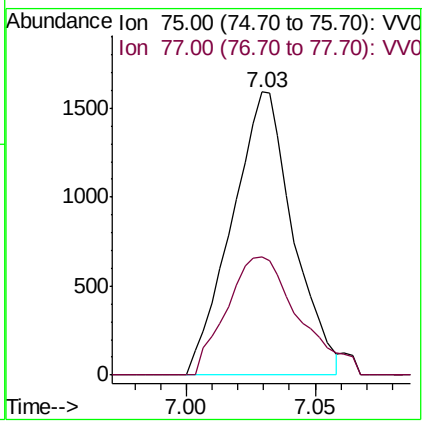


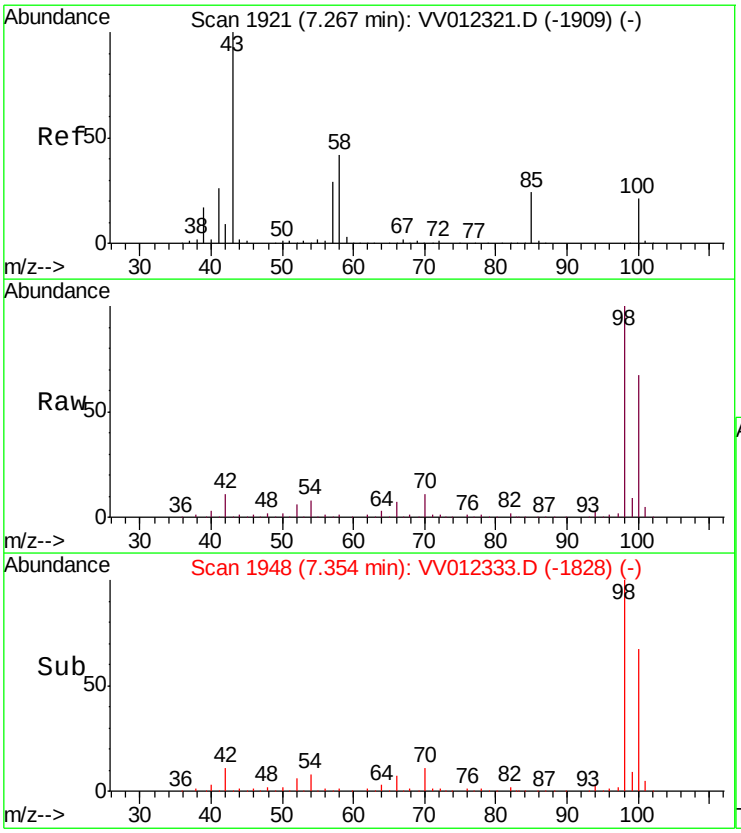
#39
cis-1,3-Dichloropropene
Concen: 1.260 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 75 Resp: 2639

Ion	Ratio	Lower	Upper
75	100		
77	41.7	22.5	41.7#

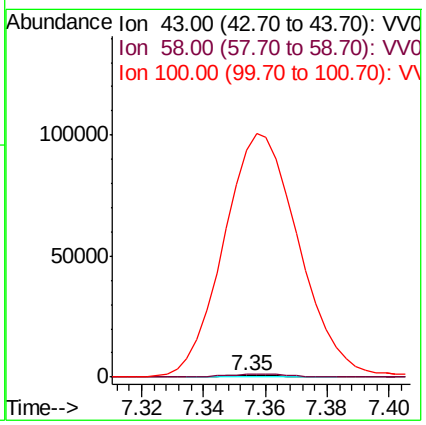


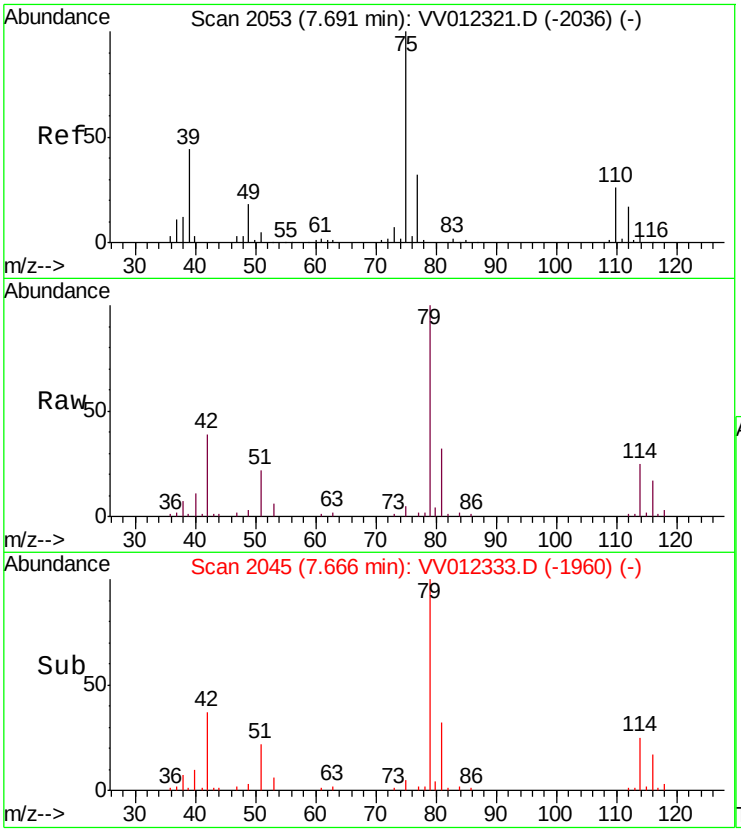


#40
4-Methyl-2-pentanone
Concen: 0.721 ug/L
RT: 7.35 min Scan# 1948
Delta R.T. 0.09 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 43 Resp: 1094

Ion	Ratio	Lower	Upper
43	100		
58	162.0	33.7	50.5#
100	15690.2	17.8	26.6#



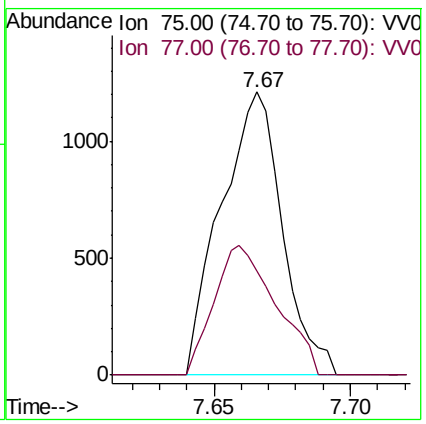


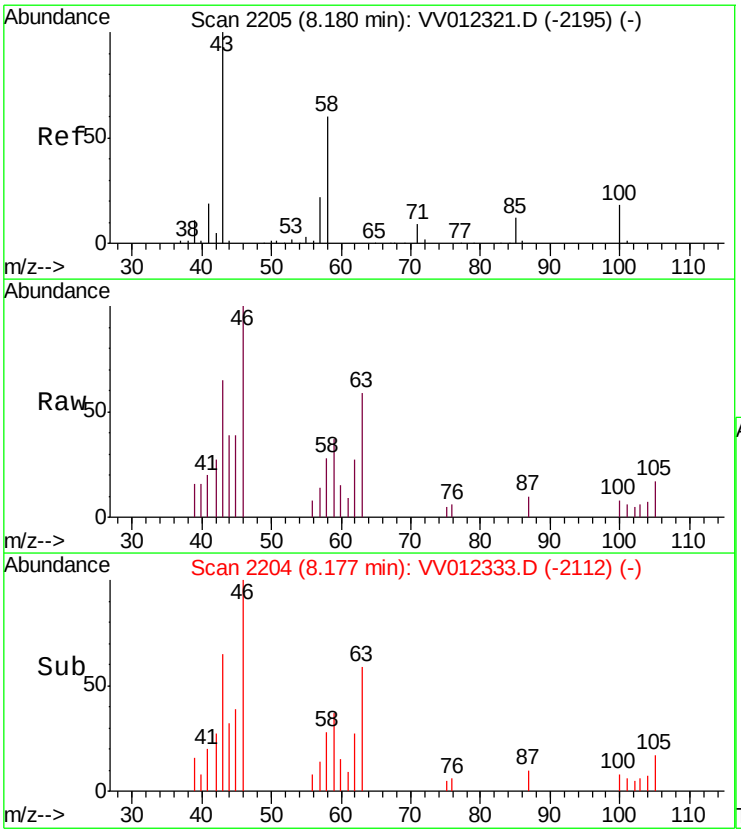
#44
trans-1,3-Dichloropropene
Concen: 0.945 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 75 Resp: 1886

Ion	Ratio	Lower	Upper
75	100		
77	36.9	21.7	40.3

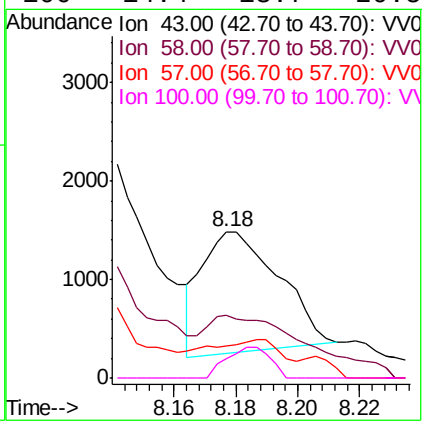


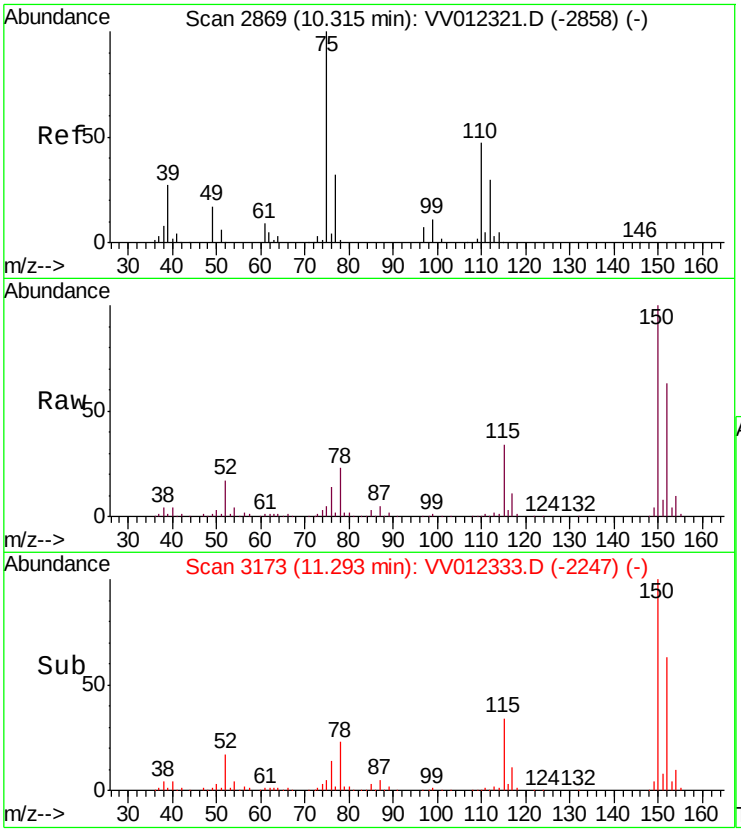


#48
2-Hexanone
Concen: 1.855 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Tgt Ion: 43 Resp: 2124

Ion	Ratio	Lower	Upper
43	100		
58	7.8	45.7	68.5#
57	6.5	16.8	25.2#
100	14.4	13.7	20.5





#59
1,2,3-Trichloropropane
Concen: 4.906 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012333.D
Acq: 21 Aug 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
F2C08

Tgt Ion: 75 Resp: 7886

Ion	Ratio	Lower	Upper
75	100		
77	39.9	26.8	40.2