Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

Quantitation Report (Not Reviewed)

Data File : VV014626.D
Acq On : 20 Feb 2020 16:13
Operator : SY/MD
Sample : L1607-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AN5

Quant Time: Feb 21 03:35:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263394	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	240868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118683	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54286	53.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.34%			
7) Chloroethane-d5	1.58	69	39903	56.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.18%			
11) 1,1-Dichloroethene-d2	2.13	63	75866	44.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.90%			
21) 2-Butanone-d5	3.93	46	93490	111.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.46%			
24) Chloroform-d	4.40	84	153929	52.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.36%			
26) 1,2-Dichloroethane-d4	5.08	65	104132	56.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.82%			
32) Benzene-d6	5.10	84	328788	57.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.16%			
36) 1,2-Dichloropropane-d6	6.12	67	100303	57.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.62%			
41) Toluene-d8	7.35	98	307073	55.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.82%			
43) trans-1,3-Dichloropropene-	7.66	79	52170	54.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.06%			
47) 2-Hexanone-d5	8.13	63	77070	111.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.17%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	129266	54.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.78%			
64) 1,2-Dichlorobenzene-d4	11.67	152	120202	57.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.64%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	10126	4.967	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10480	12.060	ug/L	97
12) 1,1-Dichloroethene	2.14	96	3281	4.062	ug/L #	1
13) Acetone	2.19	43	1739	2.417	ug/L	81
20) cis-1,2-Dichloroethene	3.96	96	36350	19.731	ug/L	98
25) Chloroform	4.42	83	11981	3.875	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	35787	13.658	ug/L	99
31) Carbon tetrachloride	4.66	117	4522	1.911	ug/L	93
34) Trichloroethene	5.97	95	10402821	6095.793	ug/L	97
35) Methylcyclohexane	6.12	83	24942	9.335	ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	3303	1.198	ug/L #	41
42) Toluene	7.43	91	7240	1.050	ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	2257	0.907	ug/L #	80
45) 1,1,2-Trichloroethane	7.88	97	2247	1.393	ug/L	84
46) Tetrachloroethene	8.02	164	2032	1.514	ug/L	91
49) Dibromochloromethane	8.02	129	1965	1.022	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	12900	6.419	ug/L #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

Quantitation Report (Not Reviewed)

Data File : VV014626.D
Acq On : 20 Feb 2020 16:13
Operator : SY/MD
Sample : L1607-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AN5

Quant Time: Feb 21 03:35:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

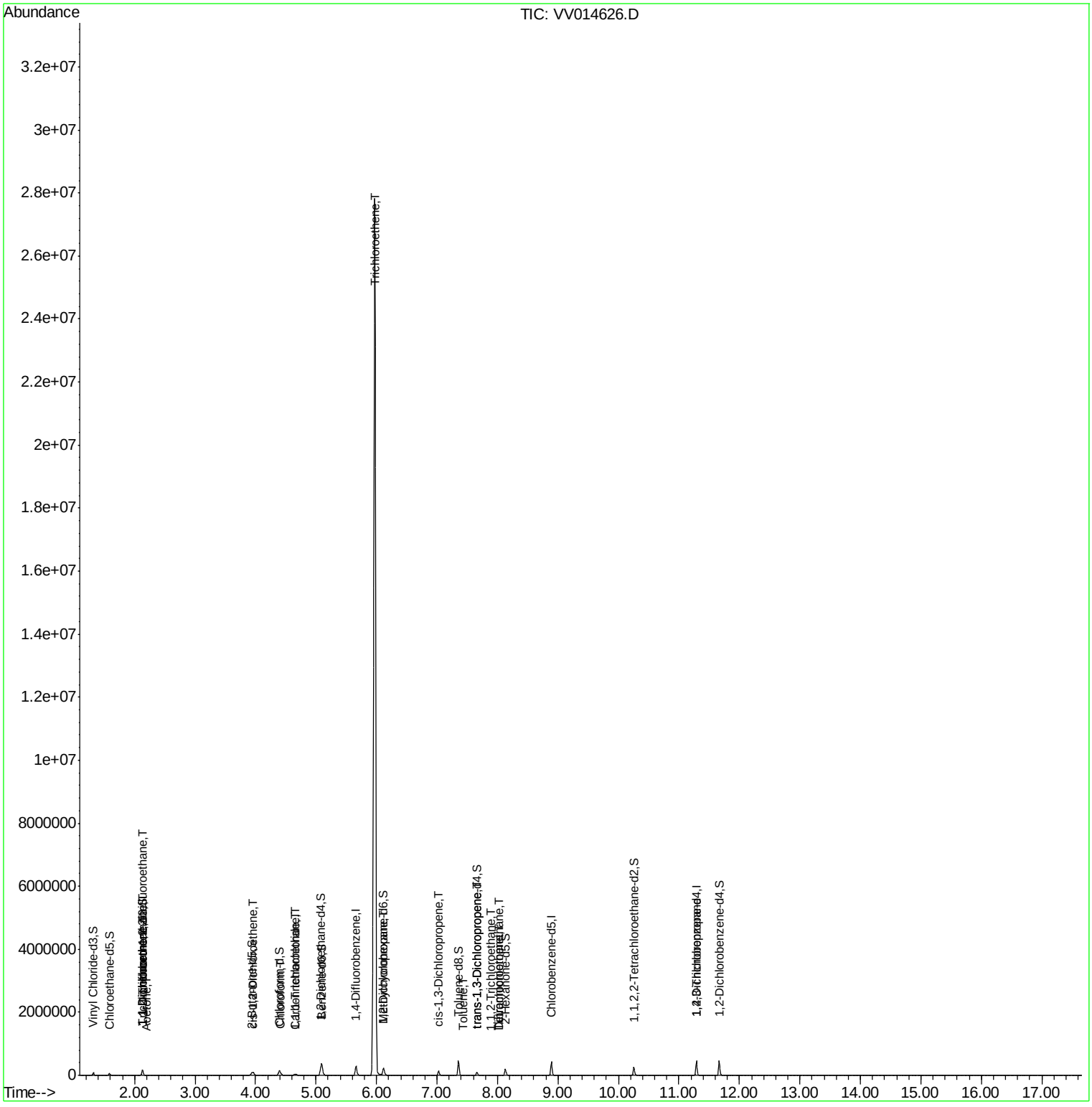
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

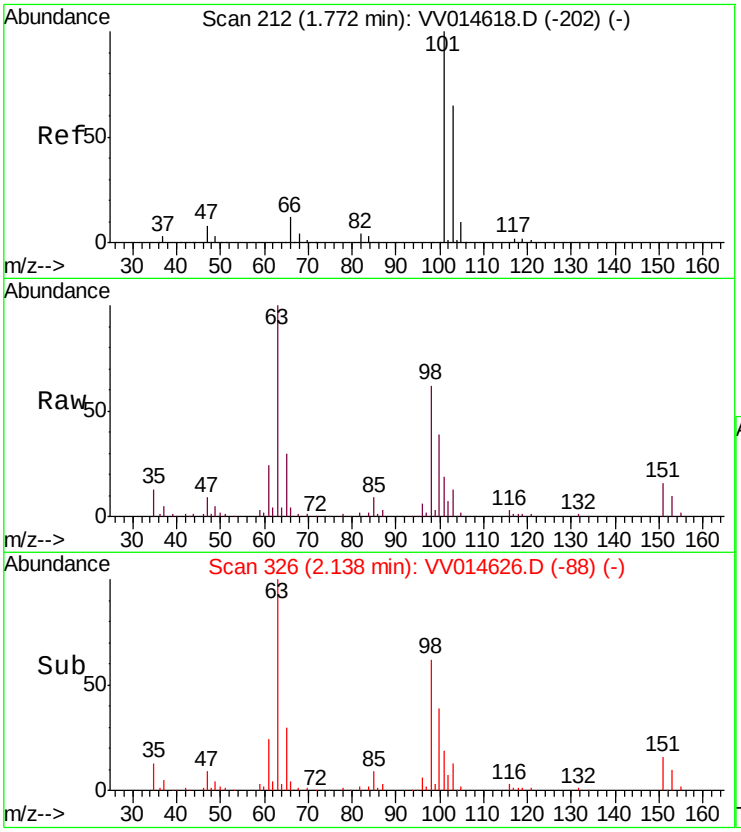
Quantitation Report (Not Reviewed)

Data File : VV014626.D
Acq On : 20 Feb 2020 16:13
Operator : SY/MD
Sample : L1607-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AN5

Quant Time: Feb 21 03:35:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration



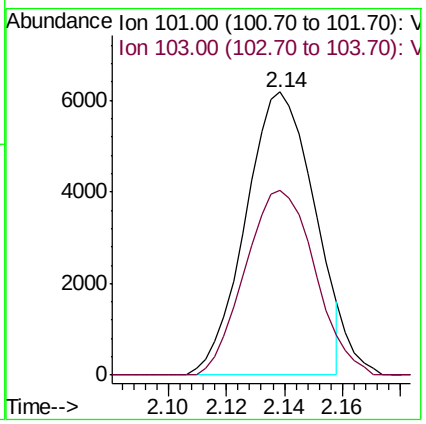


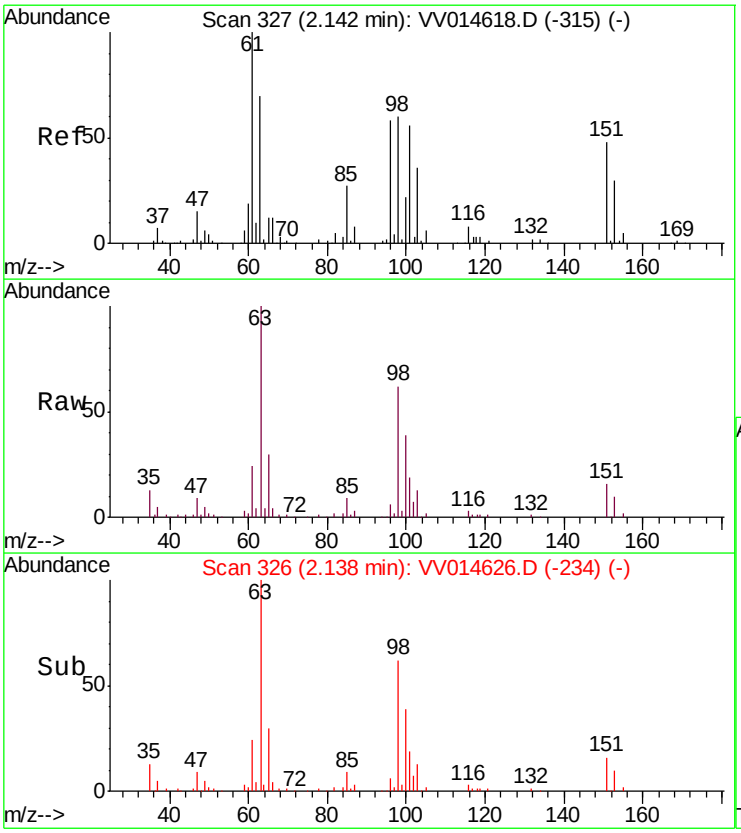
#9
Trichlorofluoromethane
Concen: 4.967 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.37 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :
C0AN5

Tgt Ion:101 Resp: 10126

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

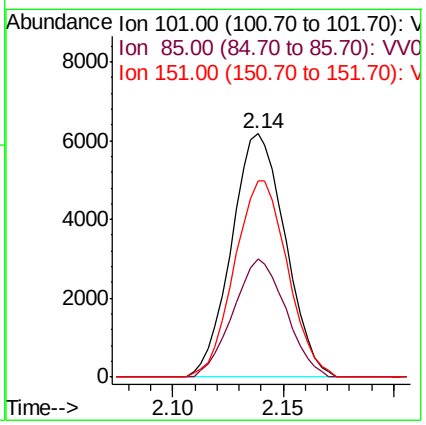


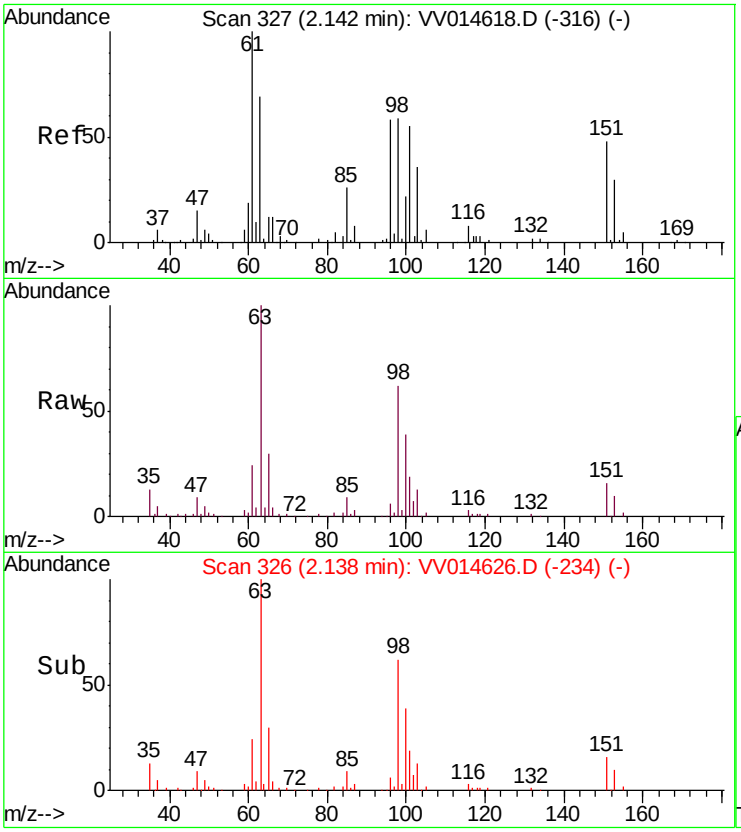


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.060 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Tgt Ion:101 Resp: 10480

Ion	Ratio	Lower	Upper
101	100		
85	47.3	35.4	53.0
151	79.7	65.4	98.2



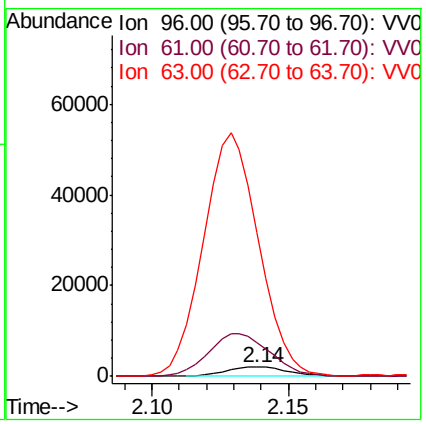


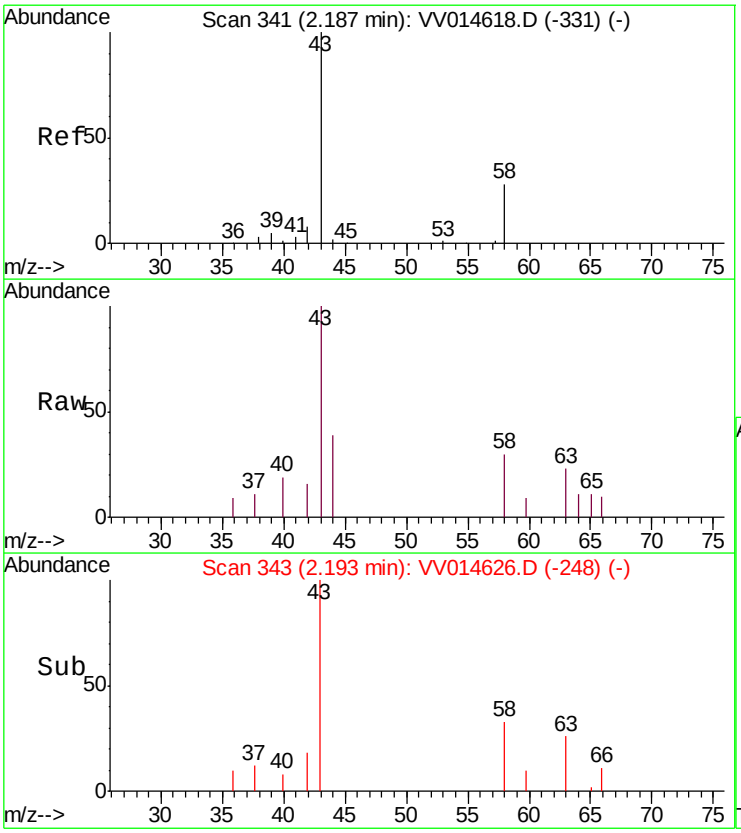
#12
1,1-Dichloroethene
Concen: 4.062 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :
C0AN5

Tgt Ion: 96 Resp: 3281

Ion	Ratio	Lower	Upper
96	100		
61	366.5	124.2	230.6#
63	1548.0	89.2	165.8#

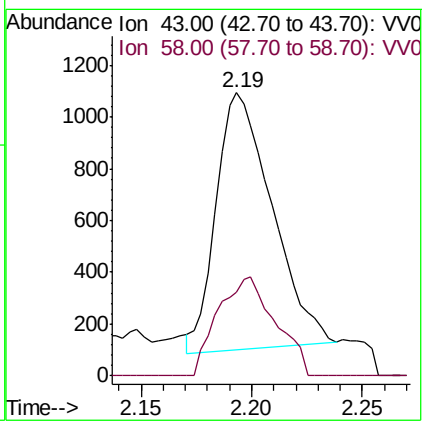


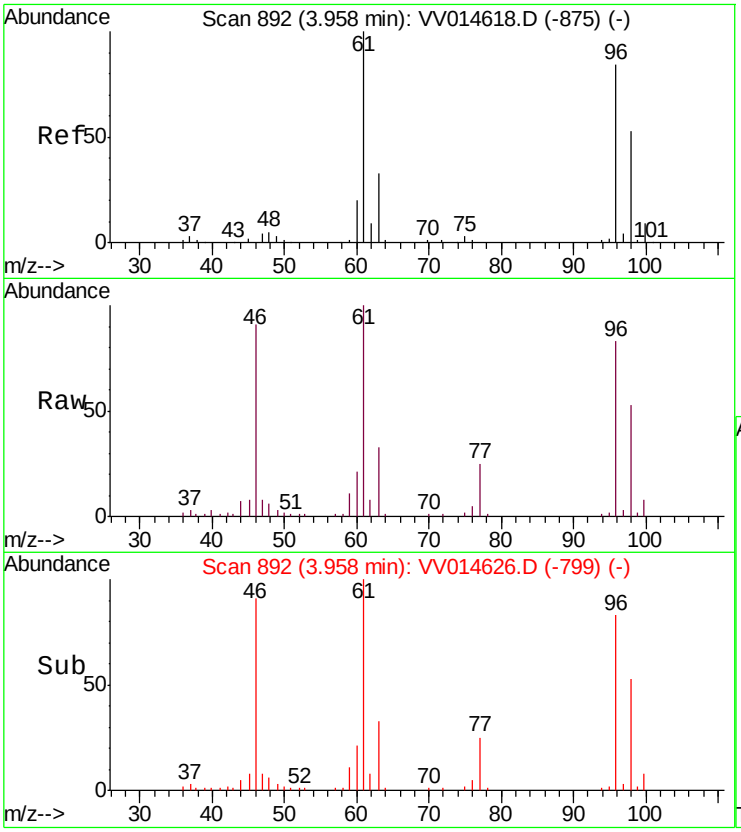


#13
Acetone
Concen: 2.417 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Tgt Ion: 43 Resp: 1739

Ion	Ratio	Lower	Upper
43	100		
58	39.5	0.0	58.8



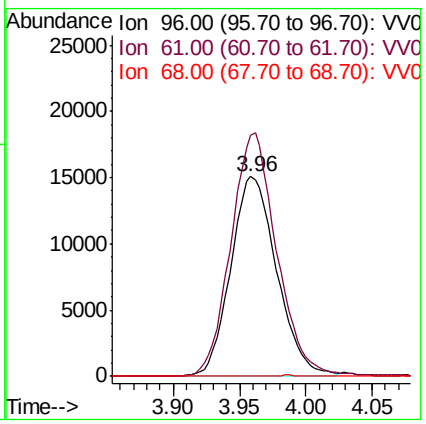


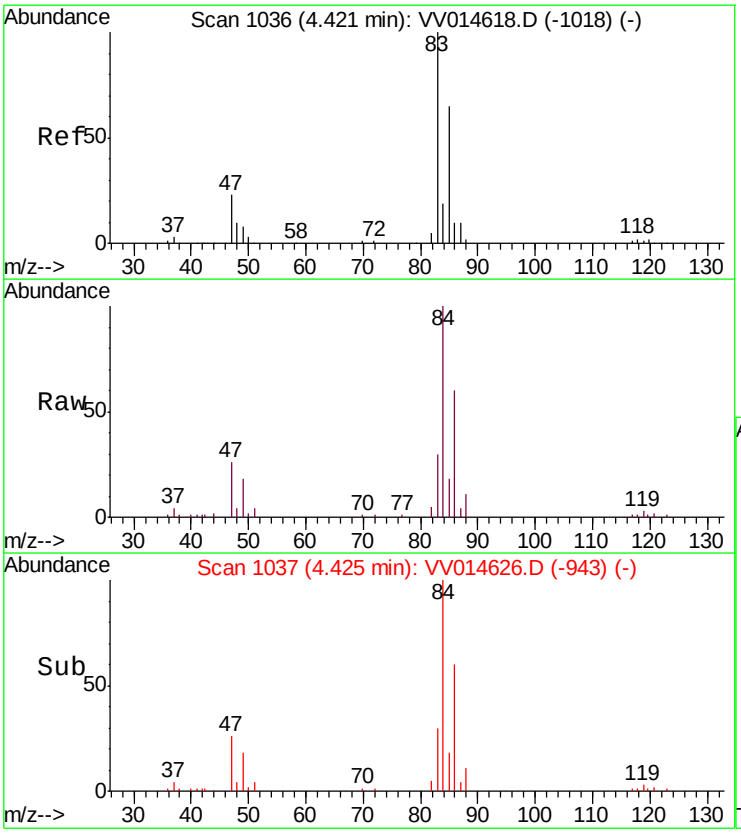
#20
cis-1,2-Dichloroethene
Concen: 19.731 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :
C0AN5

Tgt Ion: 96 Resp: 36350

Ion	Ratio	Lower	Upper
96	100		
61	120.9	85.9	159.5
68	0.0	0.0	0.0

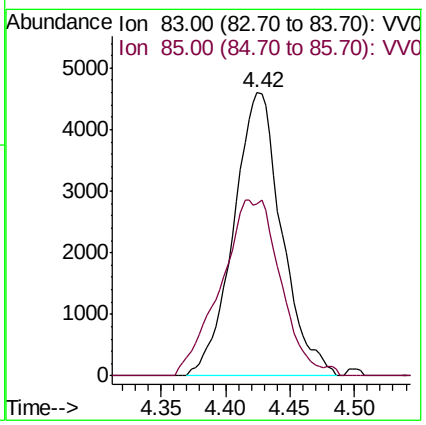


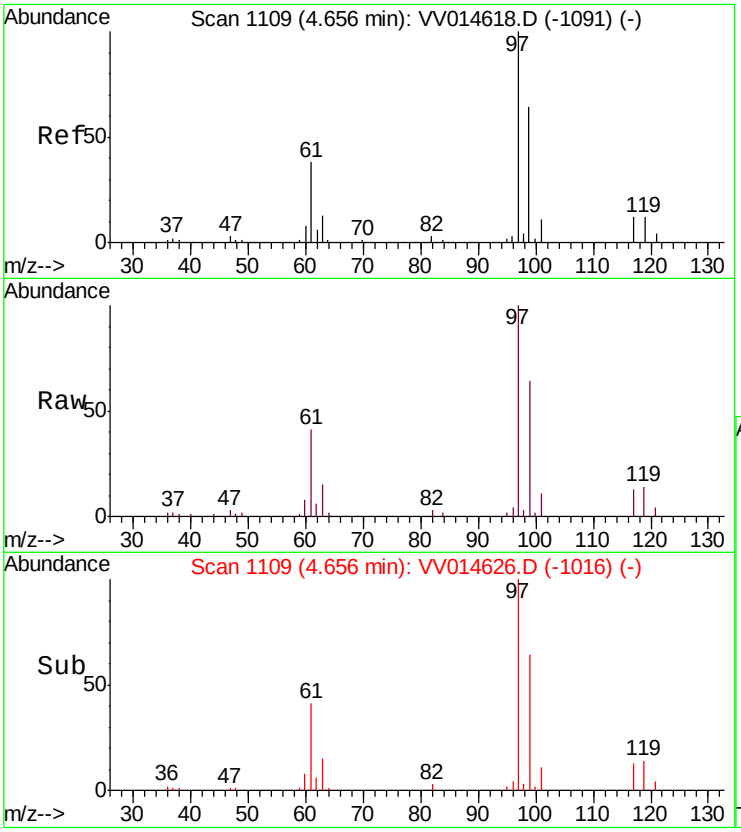


#25
Chloroform
Concen: 3.875 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Tgt Ion: 83 Resp: 11981

Ion	Ratio	Lower	Upper
83	100		
85	60.9	45.0	83.6



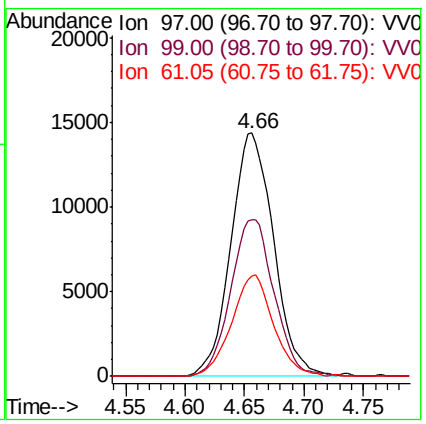


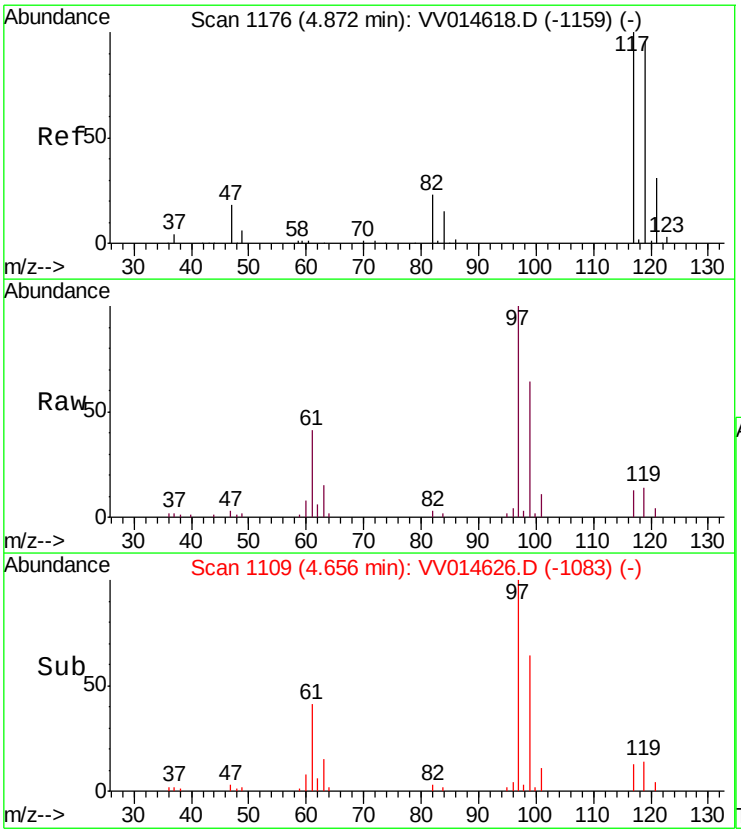
#30
1,1,1-Trichloroethane
Concen: 13.658 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Instrument : MSVOA_V
ClientSampleId : C0AN5

Tgt Ion: 97 Resp: 35787

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.2	76.8
61	40.7	32.4	48.6

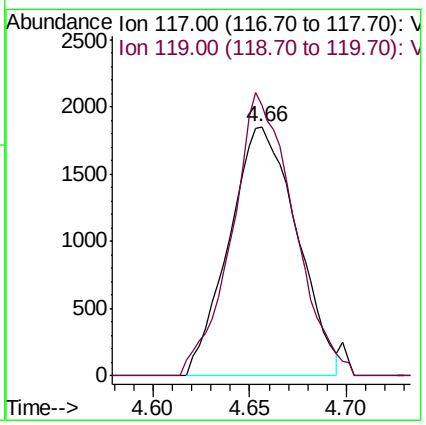


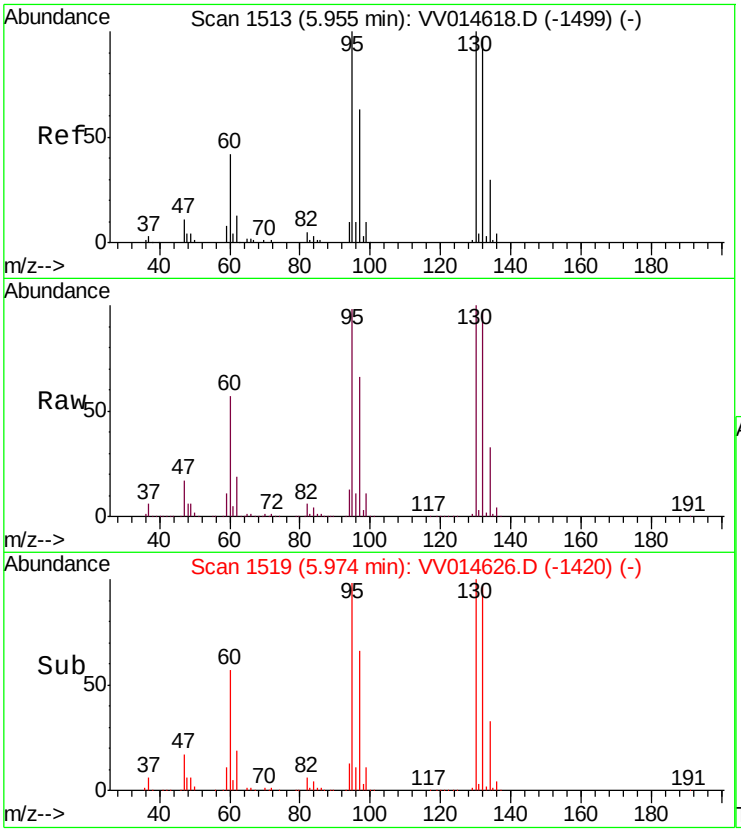


#31
Carbon tetrachloride
Concen: 1.911 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.22 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Tgt Ion:117 Resp: 4522

Ion	Ratio	Lower	Upper
117	100		
119	103.8	77.6	116.4



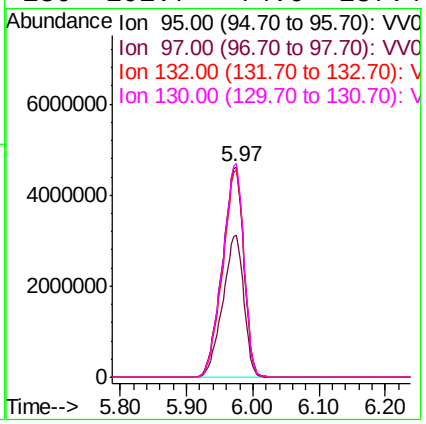


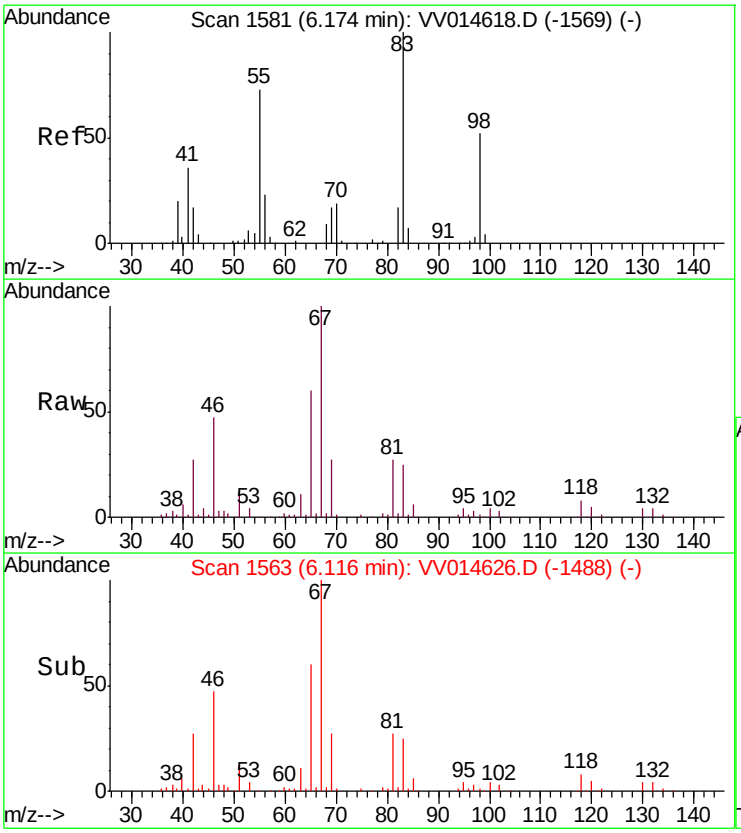
#34
Trichloroethene
Concen: 6095.793 ug/L
RT: 5.97 min Scan# 1519
Delta R.T. 0.02 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :
C0AN5

Tgt Ion: 95 Resp:10402821

Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.3	84.1
132	98.7	69.6	129.2
130	101.7	74.0	137.4





#35
Methylcyclohexane
Concen: 9.335 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014626.D
Acq: 20 Feb 2020 16:13

Tgt Ion: 83 Resp: 24942

Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.8	86.6#
98	1.4	39.7	59.5#