Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV017989.D
Acq On : 14 Aug 2020 11:56
Operator : SY/MD
Sample : L3644-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2M08

Quant Time: Aug 17 01:34:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	103793	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96472	57.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.62%			
7) Chloroethane-d5	1.58	69	82285	59.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.50%			
11) 1,1-Dichloroethene-d2	2.12	63	142667	44.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.62%			
21) 2-Butanone-d5	3.91	46	121417	110.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.13%			
24) Chloroform-d	4.38	84	167902	54.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.58%			
26) 1,2-Dichloroethane-d4	5.06	65	118755	59.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.34%			
32) Benzene-d6	5.08	84	350496	57.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.40%			
36) 1,2-Dichloropropane-d6	6.09	67	112974	56.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.78%			
41) Toluene-d8	7.34	98	308952	56.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.12%			
43) trans-1,3-Dichloropropene-	7.64	79	50141	55.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.34%			
47) 2-Hexanone-d5	8.11	63	62687	98.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.36%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137816	53.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.58%			
64) 1,2-Dichlorobenzene-d4	11.65	152	125075	61.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.46%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	2195	1.120	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1242	0.794	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1271	0.859	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	64178	38.389	ug/L	100
25) Chloroform	4.41	83	7464	2.392	ug/L	95
37) 1,2-Dichloropropane	6.09	63	12380	6.657	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3048	1.156	ug/L #	69
48) 2-Hexanone	8.17	43	5024	2.563	ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	12451	5.421	ug/L	90

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

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Instrument : MSVOA_V
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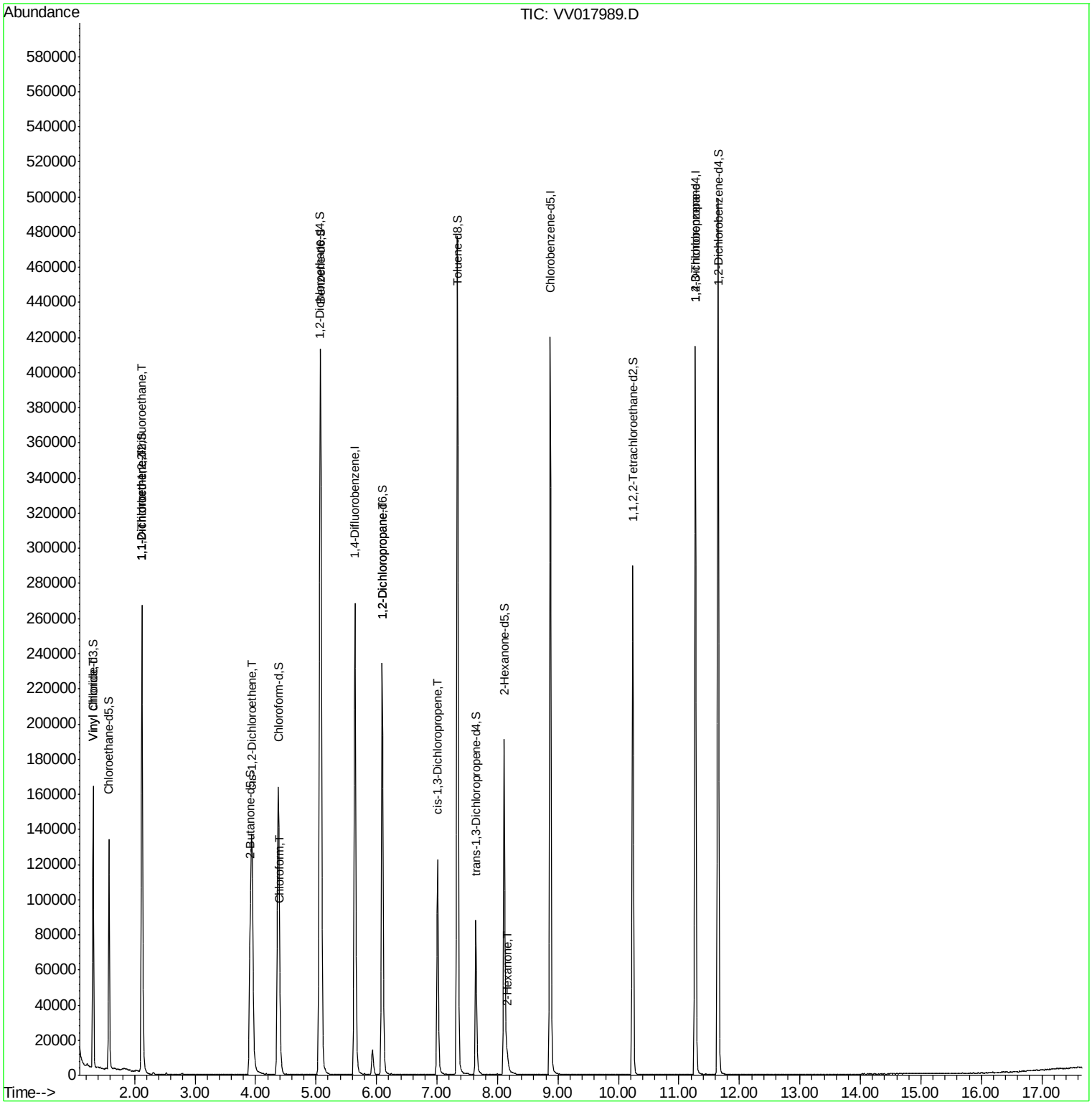
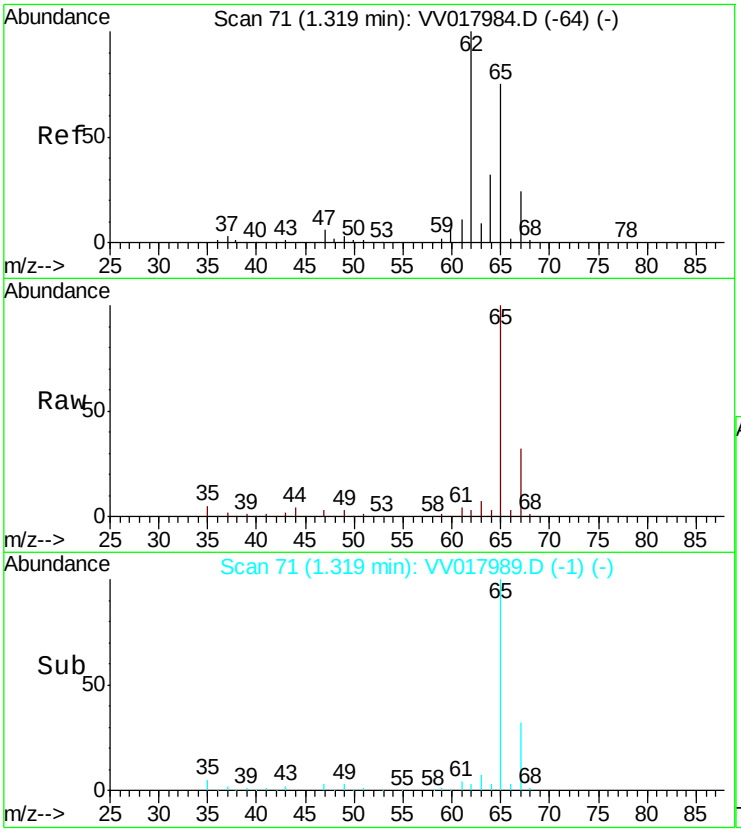
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration



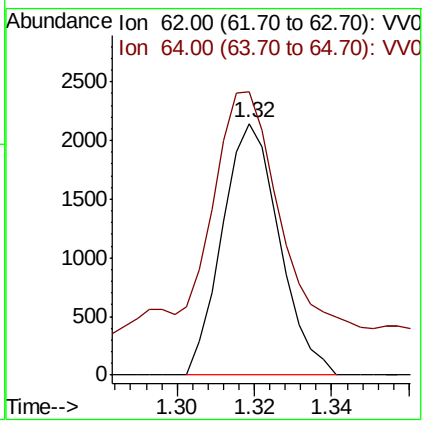


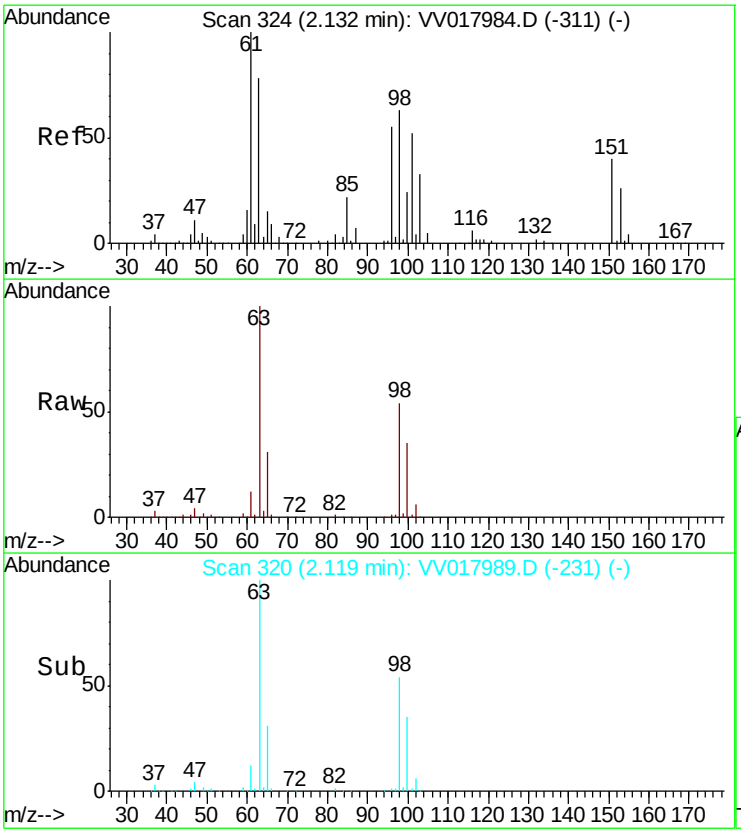
#5
Vinyl chloride
Concen: 1.120 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Instrument :
MSVOA_V
ClientSampleId :
F2M08

Tgt Ion: 62 Resp: 2195

Ion	Ratio	Lower	Upper
62	100		
64	112.4	22.4	41.6#

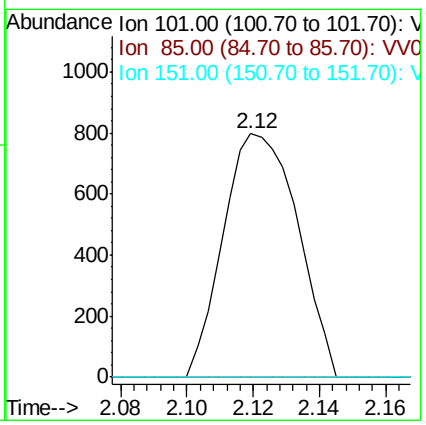


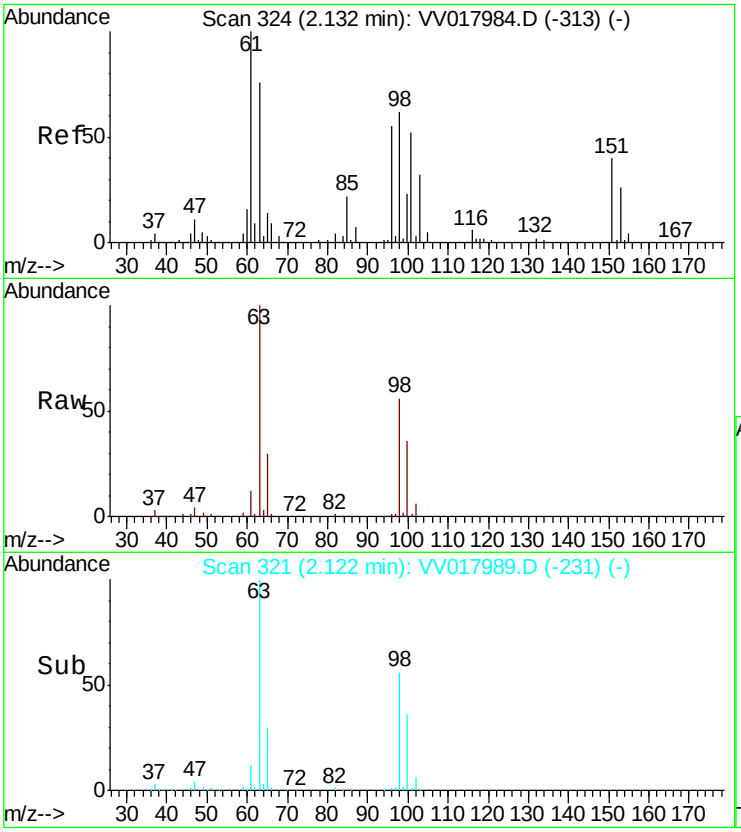


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.794 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Tgt Ion:101 Resp: 1242

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.9	52.3#
151	0.0	59.1	88.7#



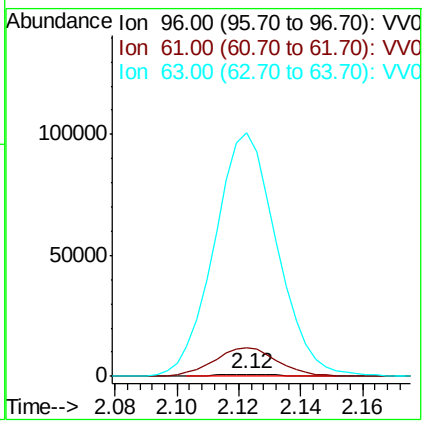


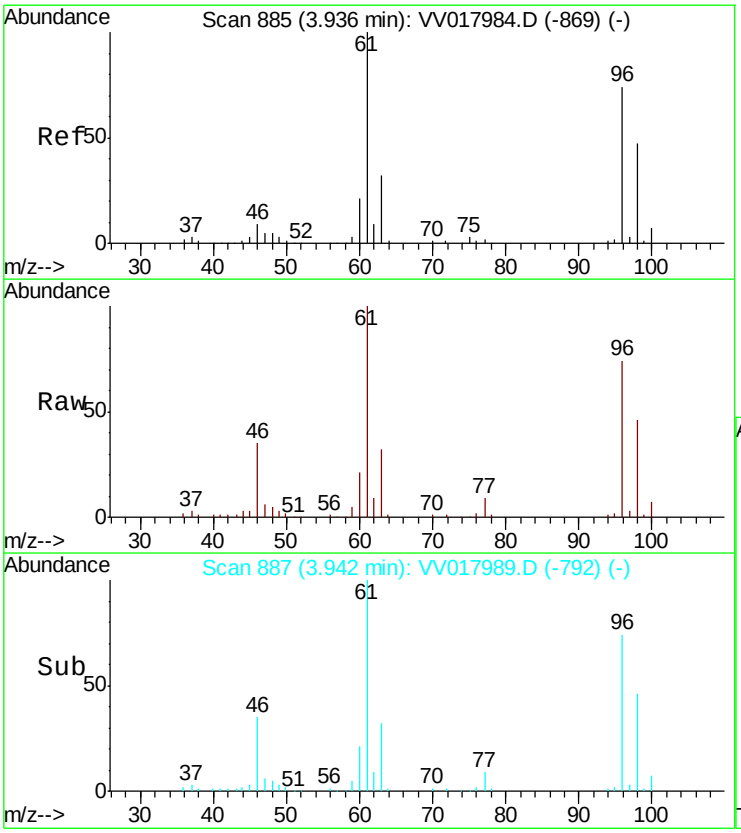
#12
1,1-Dichloroethene
Concen: 0.859 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Instrument :
MSVOA_V
ClientSampleId :
F2M08

Tgt Ion: 96 Resp: 1271

Ion	Ratio	Lower	Upper
96	100		
61	1446.8	127.1	236.0#
63	12304.2	95.2	176.8#

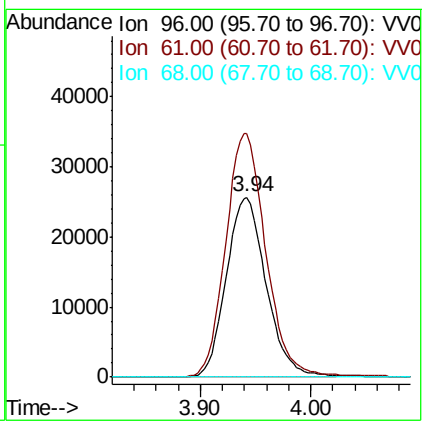


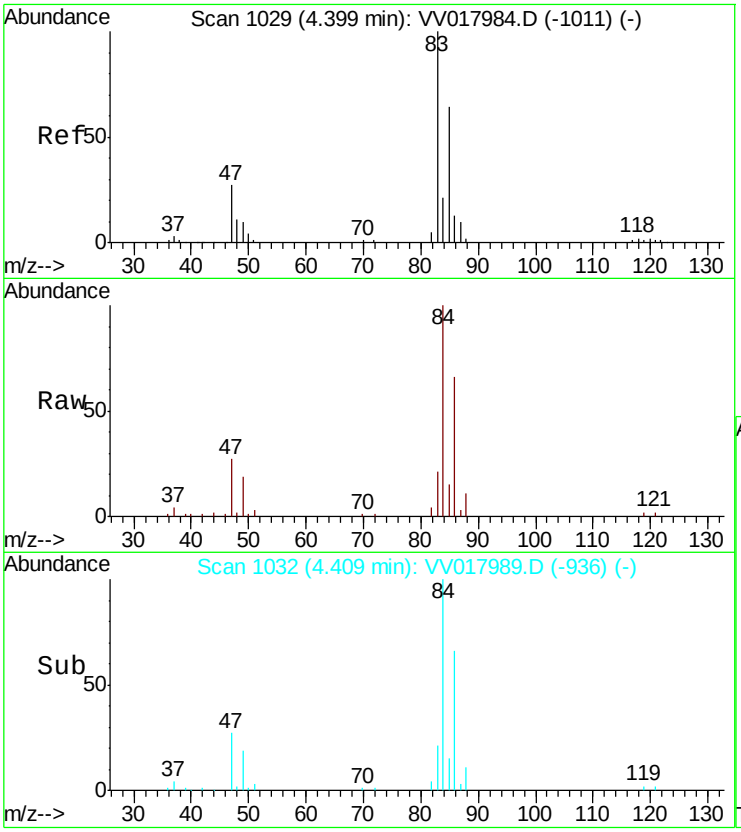


#20
cis-1,2-Dichloroethene
Concen: 38.389 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Tgt Ion: 96 Resp: 64178

Ion	Ratio	Lower	Upper
96	100		
61	135.4	95.0	176.4
68	0.0	0.0	0.0



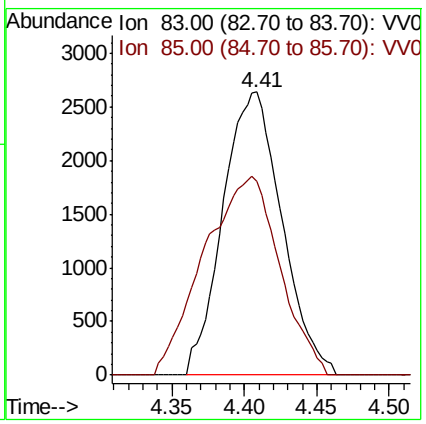


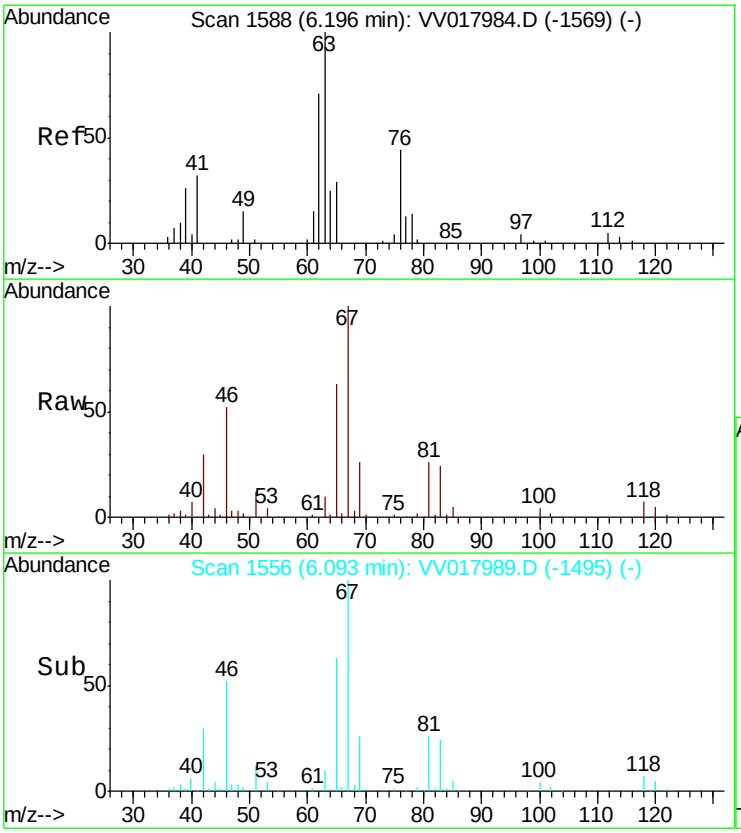
#25
Chloroform
Concen: 2.392 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Instrument : MSVOA_V
ClientSampleId : F2M08

Tgt Ion: 83 Resp: 7464

Ion	Ratio	Lower	Upper
83	100		
85	68.6	45.5	84.5

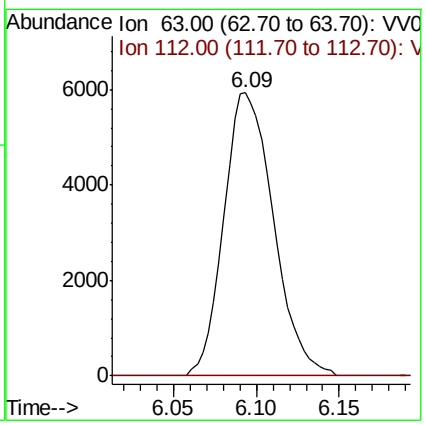


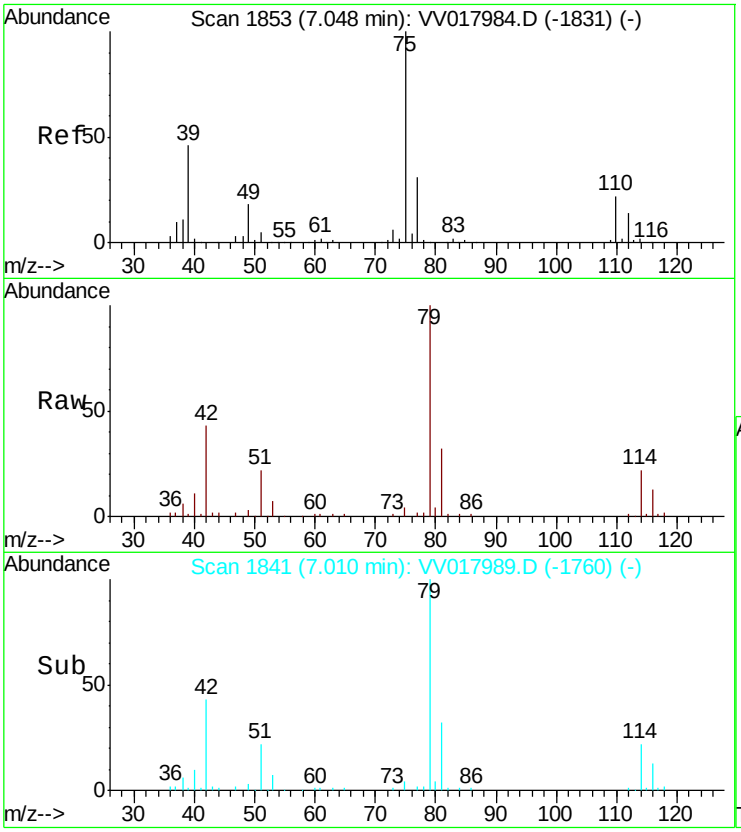


#37
1,2-Dichloropropane
Concen: 6.657 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Tgt Ion: 63 Resp: 12380

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



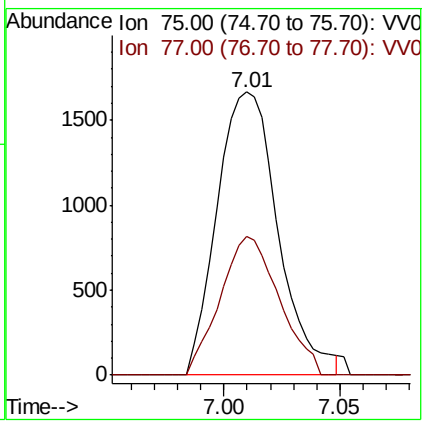


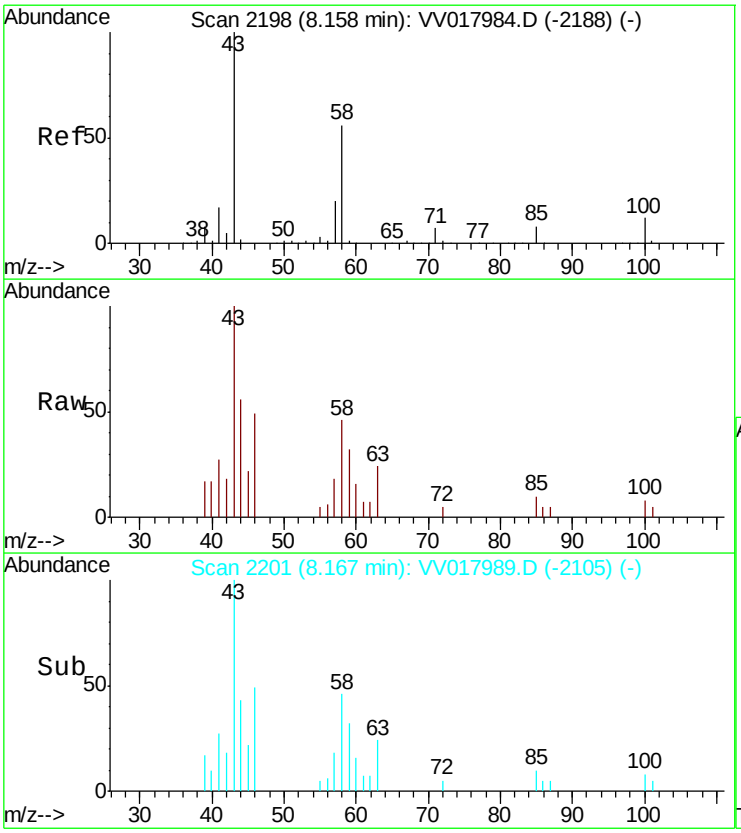
#39
cis-1,3-Dichloropropene
Concen: 1.156 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Instrument :
MSVOA_V
ClientSampleId :
F2M08

Tgt Ion: 75 Resp: 3048

Ion	Ratio	Lower	Upper
75	100		
77	49.2	22.3	41.5#

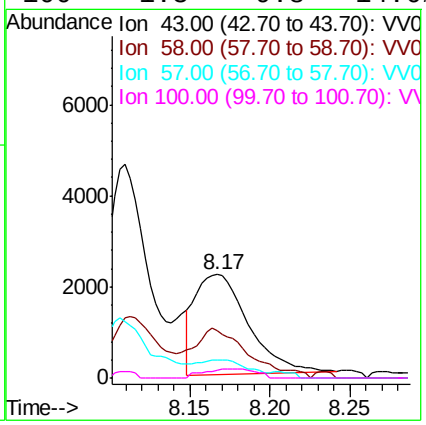


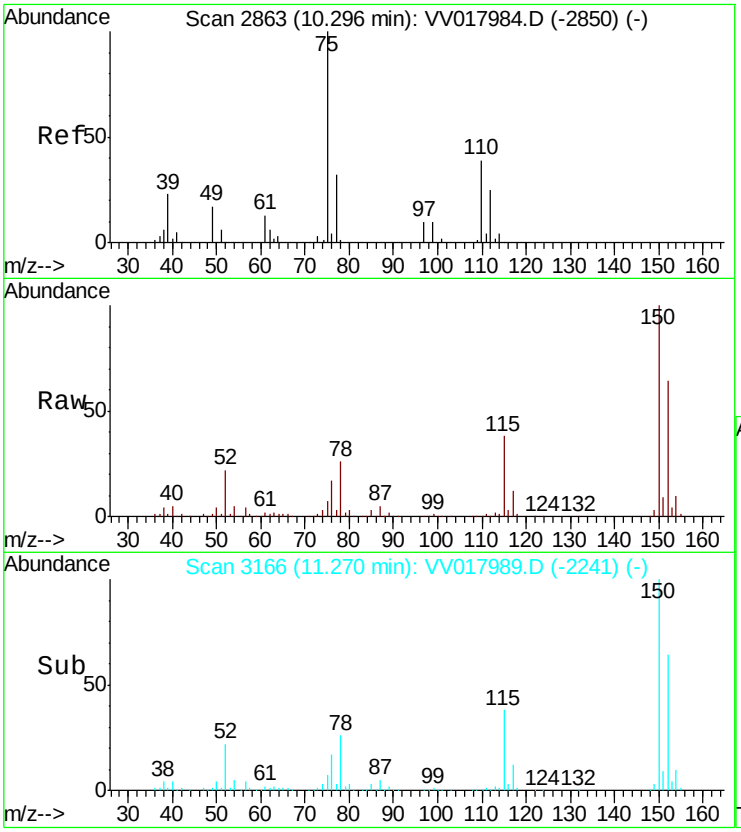


#48
2-Hexanone
Concen: 2.563 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Tgt Ion: 43 Resp: 5024

Ion	Ratio	Lower	Upper
43	100		
58	35.1	44.4	66.6#
57	0.0	15.2	22.8#
100	1.3	9.8	14.6#





#59
1,2,3-Trichloropropane
Concen: 5.421 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV017989.D
Acq: 14 Aug 2020 11:56

Instrument :
MSVOA_V
ClientSampleId :
F2M08

Tgt Ion: 75 Resp: 12451

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.7	38.5