Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033120\
Data File : VV015318.D
Acq On : 31 Mar 2020 17:01
Operator : SY/MD
Sample : L1976-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 01 01:26:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	545840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	542540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241985	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	175949	44.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.42%			
7) Chloroethane-d5	1.58	69	175378	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.70%			
11) 1,1-Dichloroethene-d2	2.12	63	281577	32.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.62%			
21) 2-Butanone-d5	3.93	46	300570	115.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.48%			
24) Chloroform-d	4.38	84	349697	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
26) 1,2-Dichloroethane-d4	5.06	65	242952	51.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.90%			
32) Benzene-d6	5.08	84	692191	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
36) 1,2-Dichloropropane-d6	6.09	67	221111	49.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.84%			
41) Toluene-d8	7.34	98	669270	48.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.70%			
43) trans-1,3-Dichloropropene-	7.64	79	119382	49.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.00%			
47) 2-Hexanone-d5	8.11	63	256881	123.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.63%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	332326	50.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	239962	49.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.64%			
Target Compounds						Qvalue
8) Chloroethane	1.58	64	44954	14.170	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2947	0.707	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	2860	0.708	ug/L #	1
13) Acetone	2.21	43	431725	243.078	ug/L	99
15) Methyl Acetate	2.46	43	7588	2.128	ug/L	99
16) Methylene chloride	2.53	84	3446	0.912	ug/L	84
17) trans-1,2-Dichloroethene	2.78	96	5158	1.525	ug/L	92
22) 2-Butanone	4.02	43	232503	89.802	ug/L	95
27) 1,2-Dichloroethane	5.07	62	4336	0.810	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	8880	1.635	ug/L #	92
44) trans-1,3-Dichloropropene	7.64	75	6540	1.079	ug/L	89
48) 2-Hexanone	8.17	43	16452	3.948	ug/L	92

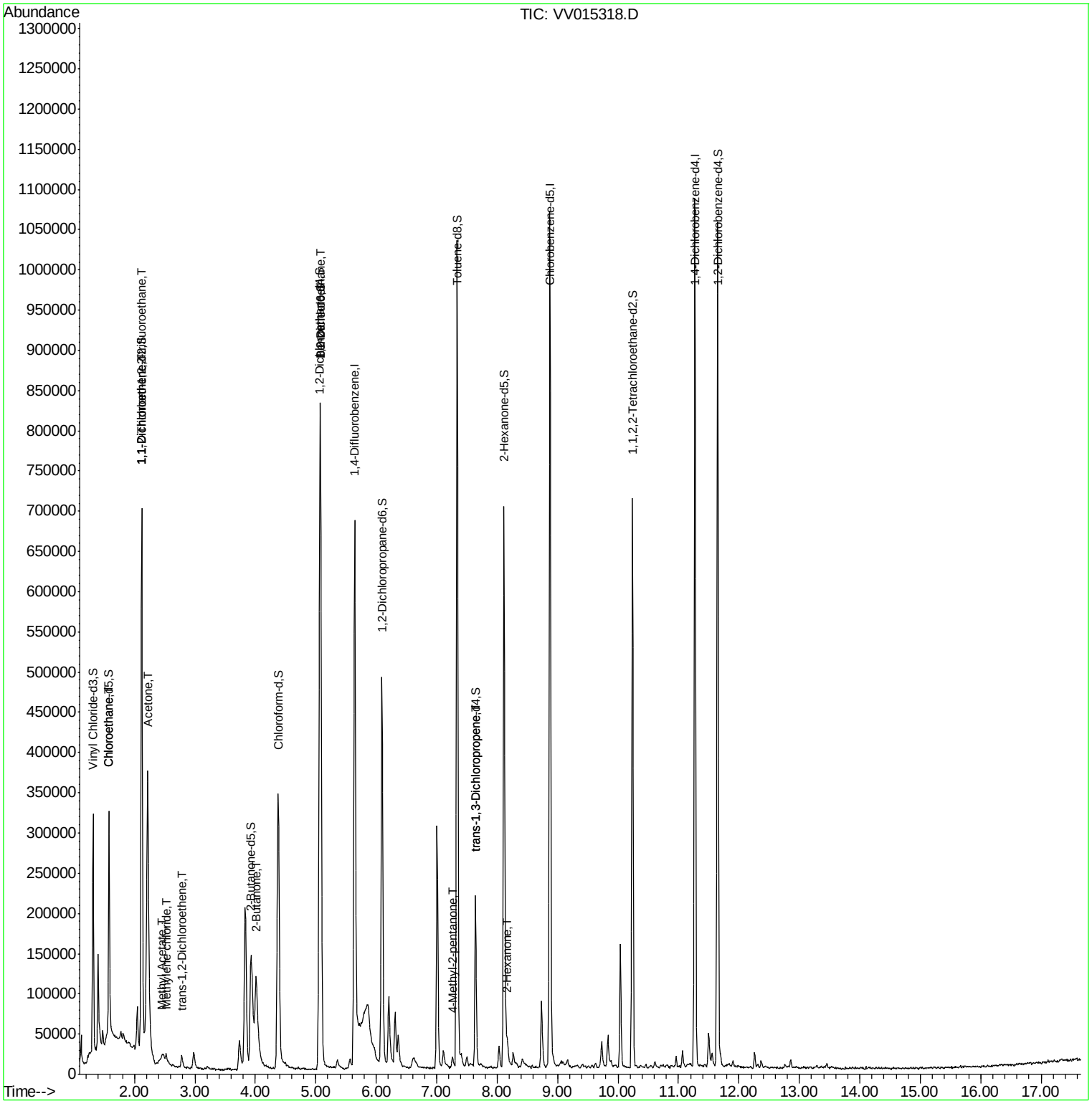
(#) = qualifier out of range (m) = manual integration (+) = signals summed

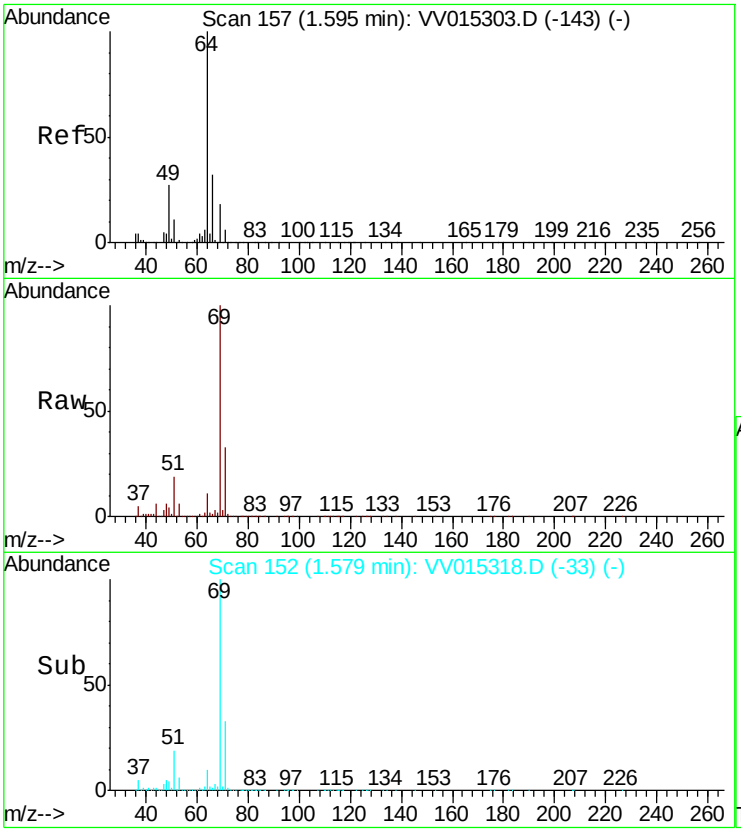
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033120\
Data File : VV015318.D
Acq On : 31 Mar 2020 17:01
Operator : SY/MD
Sample : L1976-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 01 01:26:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration



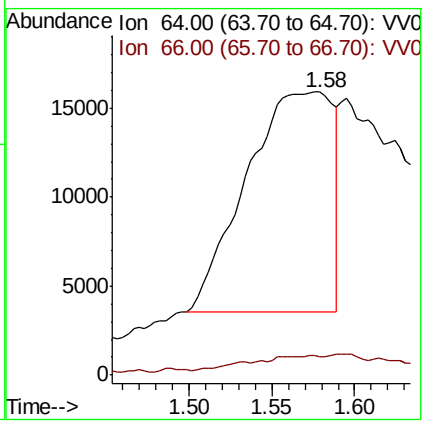


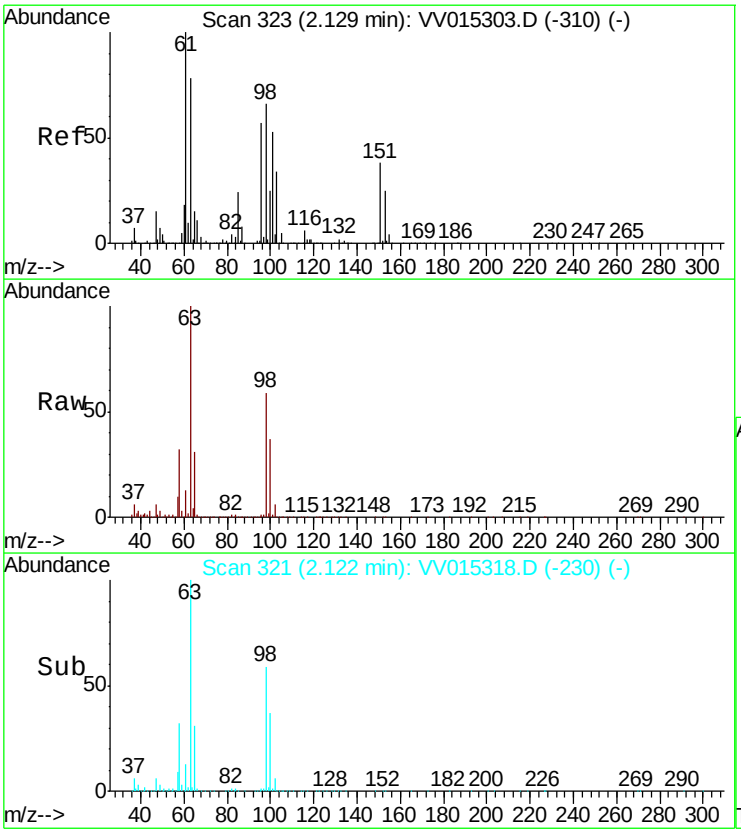
#8
Chloroethane
Concen: 14.170 ug/L
RT: 1.58 min Scan# 152
Delta R.T. -0.02 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 44954

Ion	Ratio	Lower	Upper
64	100		
66	6.5	21.5	39.9#

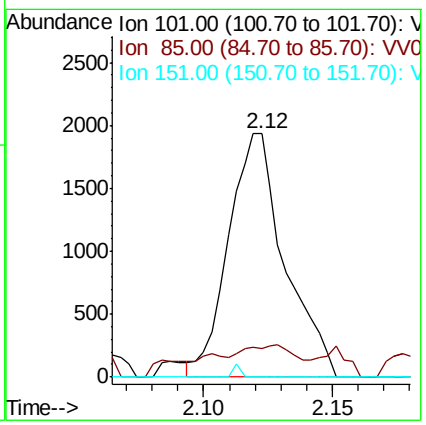


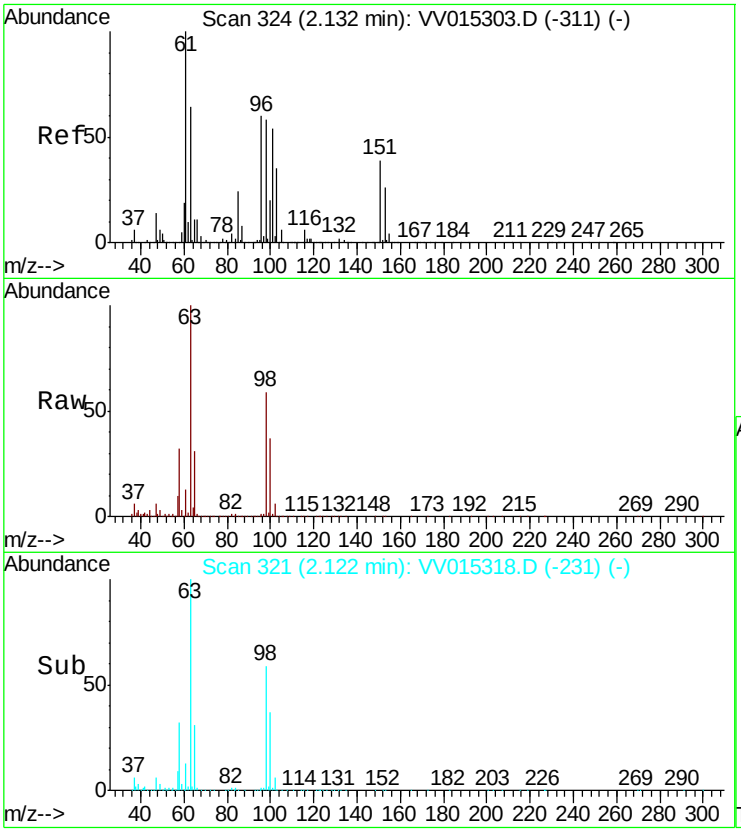


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.707 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion:101 Resp: 2947

Ion	Ratio	Lower	Upper
101	100		
85	1.8	35.0	52.6#
151	0.0	58.2	87.4#



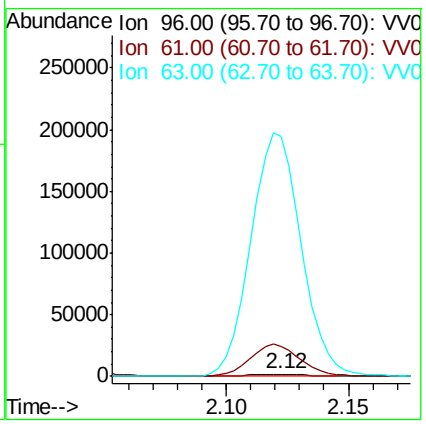


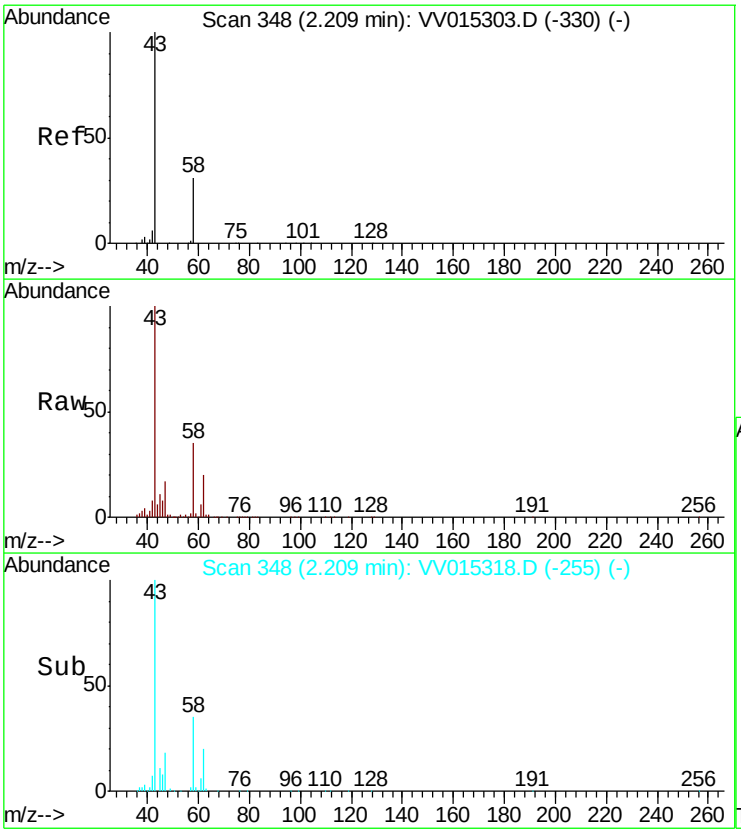
#12
1,1-Dichloroethene
Concen: 0.708 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2860

Ion	Ratio	Lower	Upper
96	100		
61	1455.3	120.9	224.5#
63	11502.6	81.2	150.8#

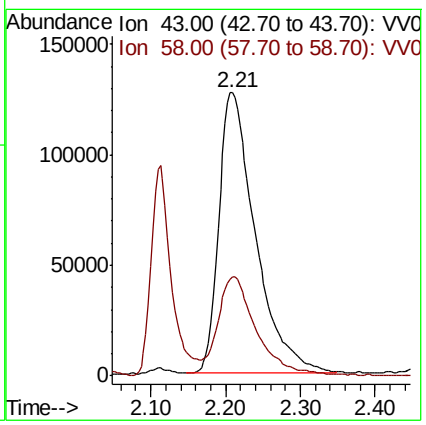


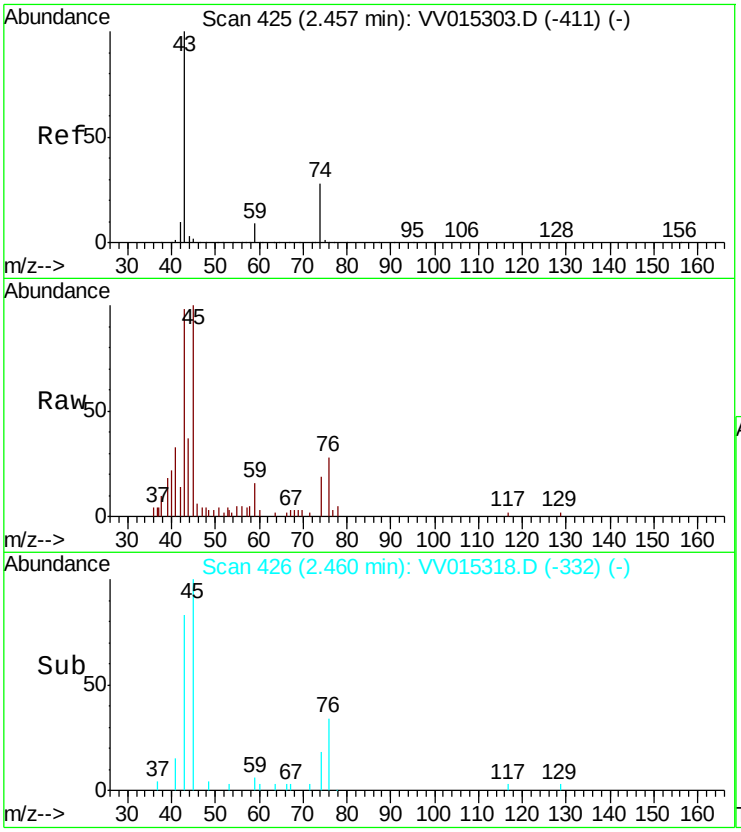


#13
Acetone
Concen: 243.078 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 43 Resp: 431725

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	63.6



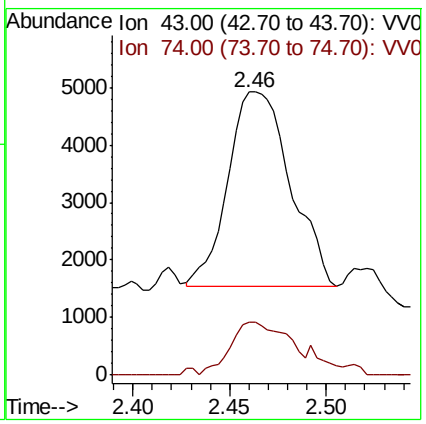


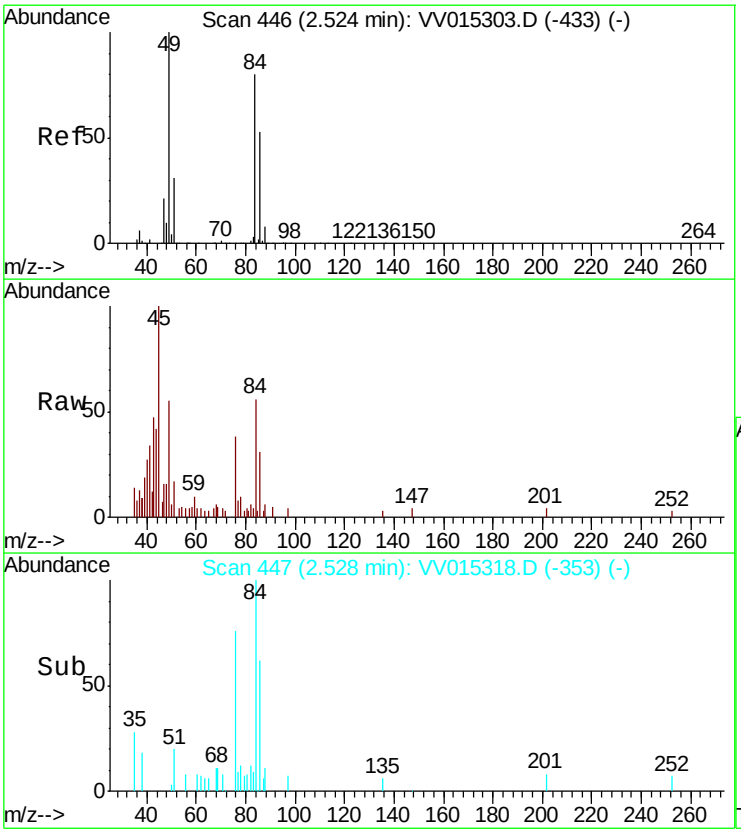
#15
Methyl Acetate
Concen: 2.128 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 7588

Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.3	30.5

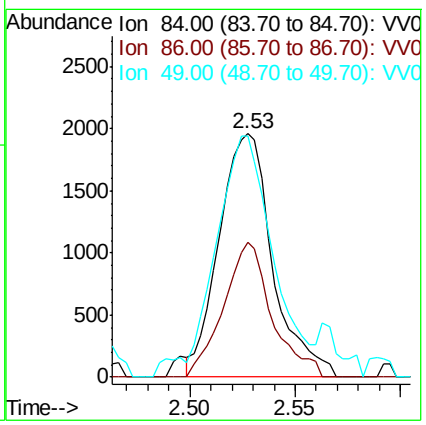


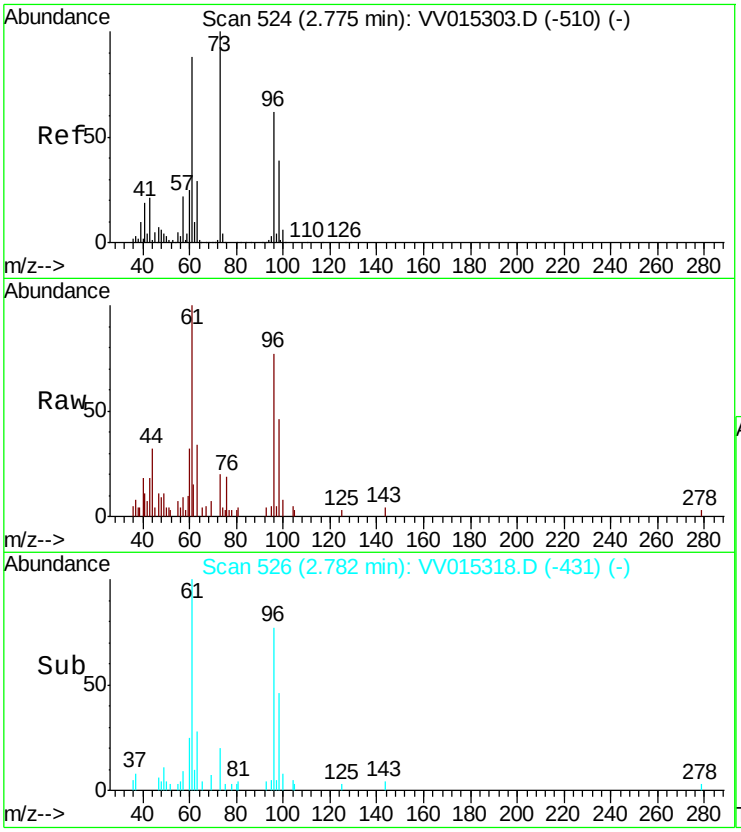


#16
Methylene chloride
Concen: 0.912 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 84 Resp: 3446

Ion	Ratio	Lower	Upper
84	100		
86	55.4	45.5	84.5
49	98.8	83.7	155.4



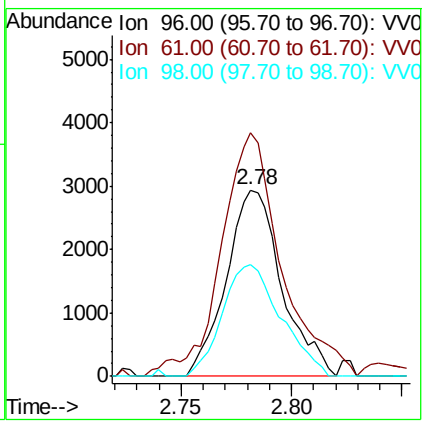


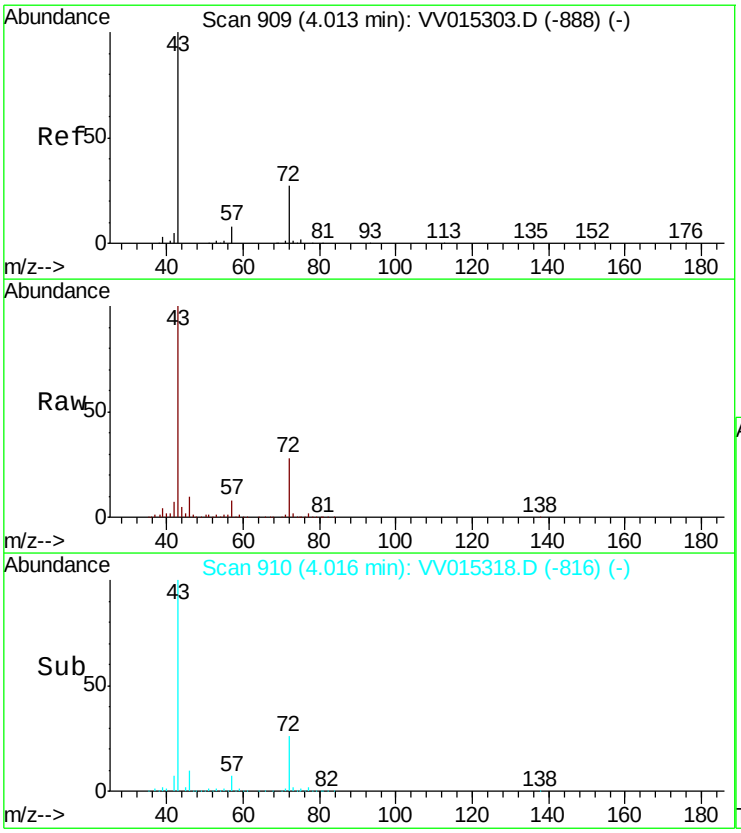
#17
trans-1,2-Dichloroethene
Concen: 1.525 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 5158

Ion	Ratio	Lower	Upper
96	100		
61	130.7	98.5	182.9
98	60.3	45.5	84.5

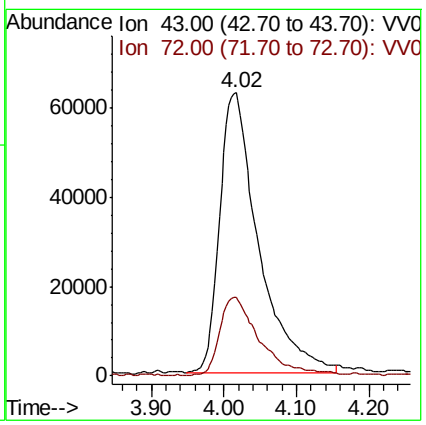


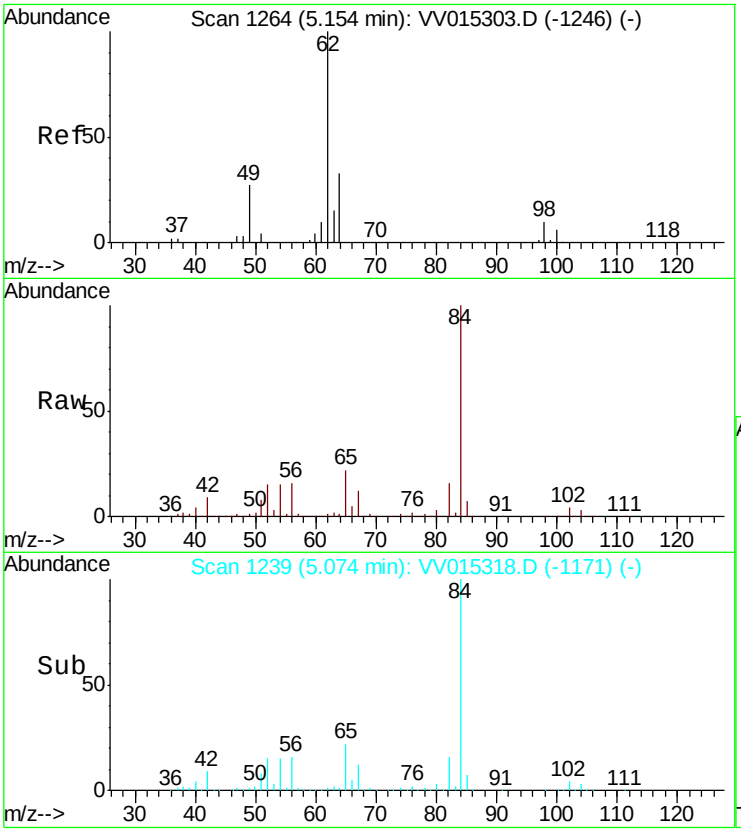


#22
2-Butanone
Concen: 89.802 ug/L
RT: 4.02 min Scan# 910
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 43 Resp: 232503

Ion	Ratio	Lower	Upper
43	100		
72	27.1	12.4	37.0



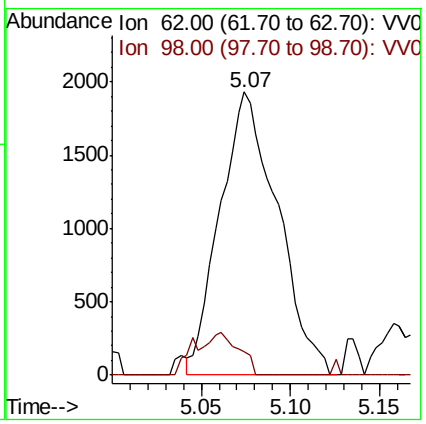


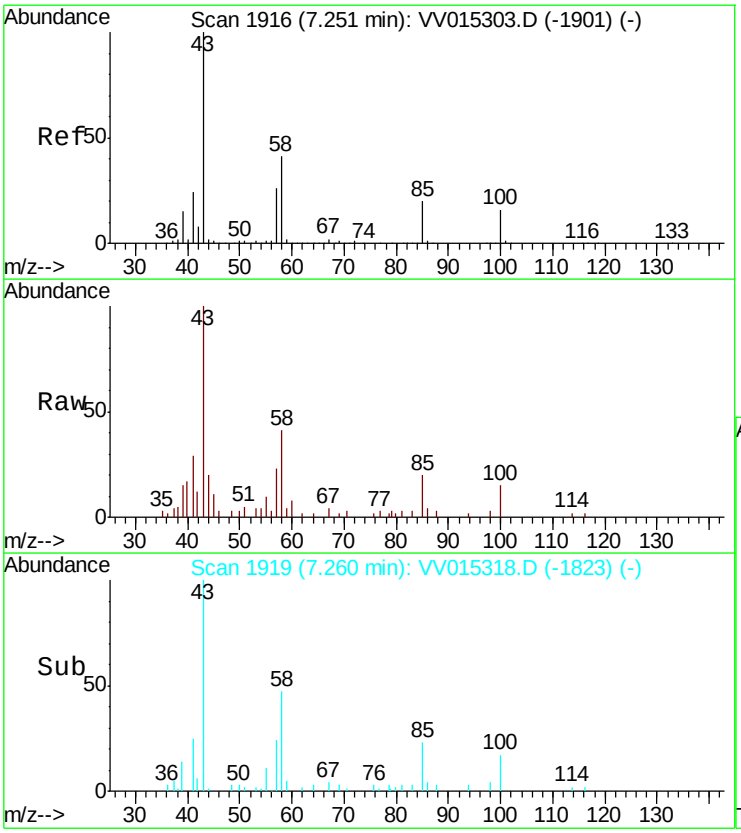
#27
1,2-Dichloroethane
Concen: 0.810 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 4336

Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.4	11.0

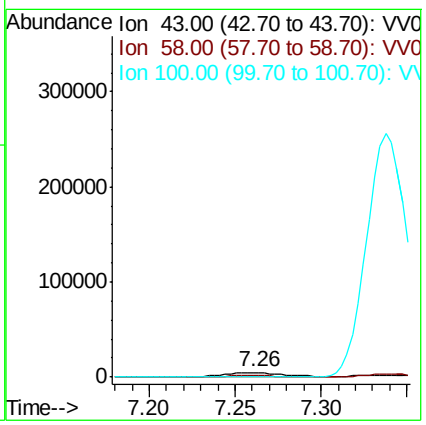


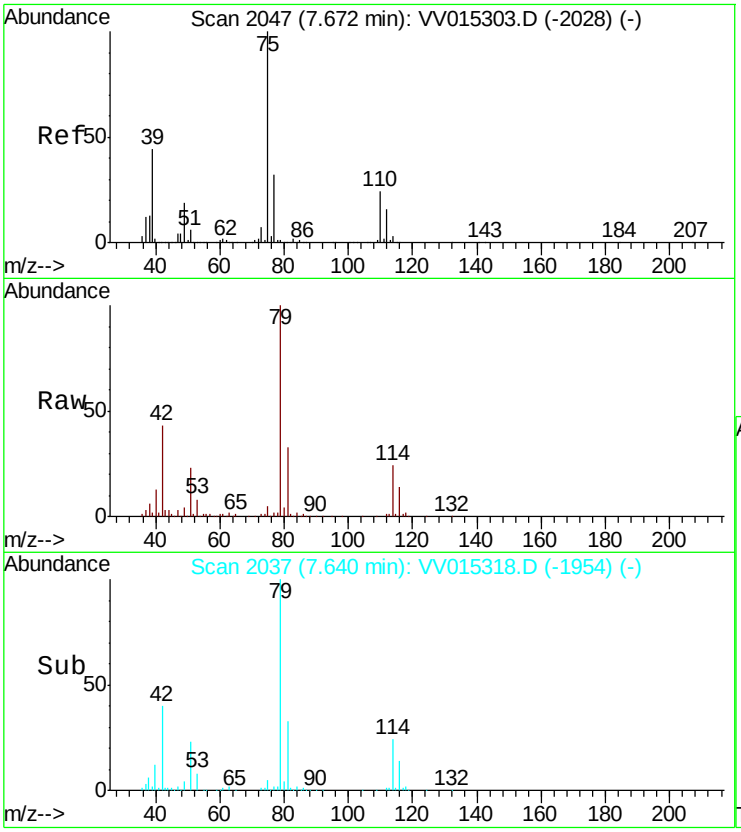


#40
4-Methyl-2-pentanone
Concen: 1.635 ug/L
RT: 7.26 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 43 Resp: 8880

Ion	Ratio	Lower	Upper
43	100		
58	38.2	32.9	49.3
100	11.1	13.9	20.9#



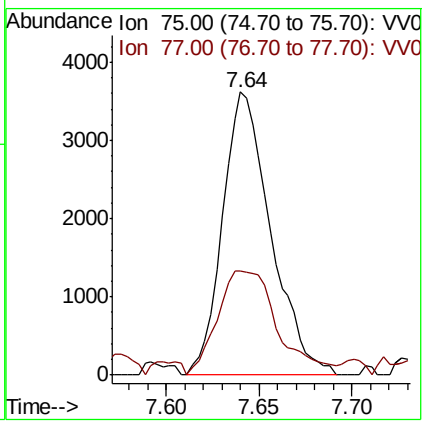


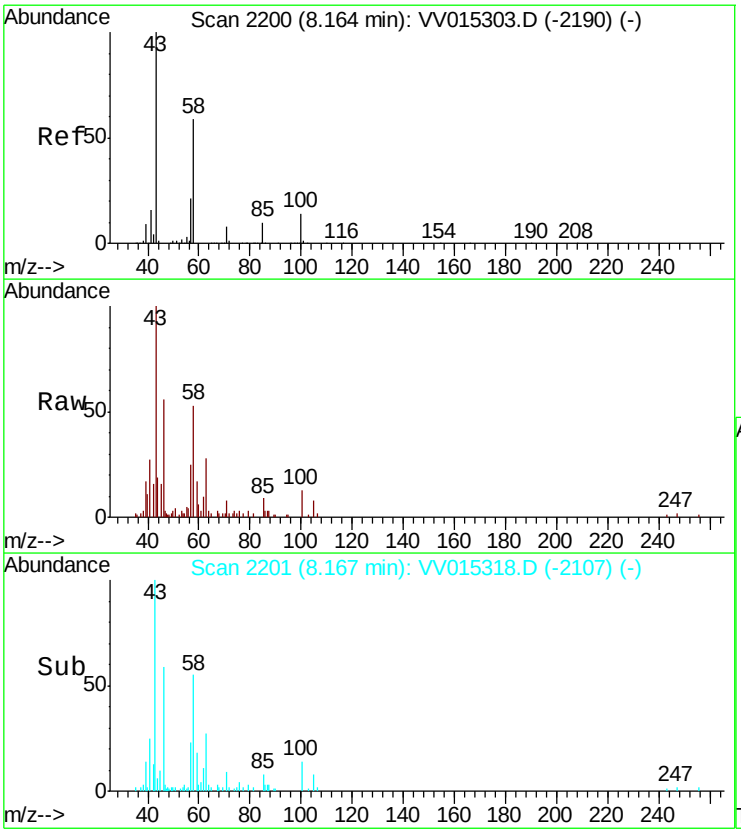
#44
trans-1,3-Dichloropropene
Concen: 1.079 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6540

Ion	Ratio	Lower	Upper
75	100		
77	36.9	21.8	40.4





#48
2-Hexanone
Concen: 3.948 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015318.D
Acq: 31 Mar 2020 17:01

Tgt Ion: 43 Resp: 16452

Ion	Ratio	Lower	Upper
43	100		
58	51.0	47.0	70.6
57	18.6	16.2	24.2
100	14.3	11.0	16.6