Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020002.D
Acq On : 14 Jan 2021 15:23
Operator : SY/MD
Sample : M1147-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y2

Quant Time: Jan 15 01:08:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 13:06:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	313031	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	297813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	151350	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	148078	56.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.16%			
7) Chloroethane-d5	1.569	69	124755	59.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.38%			
11) 1,1-Dichloroethene-d2	2.110	63	226705	43.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.18%			
21) 2-Butanone-d5	3.894	46	199965	116.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.74%			
24) Chloroform-d	4.354	84	259735	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.22%			
26) 1,2-Dichloroethane-d4	5.039	65	188263	58.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.44%			
32) Benzene-d6	5.055	84	487115	57.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.90%			
36) 1,2-Dichloropropane-d6	6.074	67	153700	58.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.14%			
41) Toluene-d8	7.322	98	425774	55.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.78%			
43) trans-1,3-Dichloroprop...	7.627	79	69736	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.42%			
47) 2-Hexanone-d5	8.093	63	113224	107.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.62%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	191906	54.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.18%			
64) 1,2-Dichlorobenzene-d4	11.633	152	171112	58.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.312	62	5960	2.03	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2082	0.91	ug/L #	25
12) 1,1-Dichloroethene	2.113	96	1911	0.87	ug/L #	1
13) Acetone	2.187	43	5482	3.62	ug/L	87
19) 1,1-Dichloroethane	3.193	63	4273	1.01	ug/L	95
20) cis-1,2-Dichloroethene	3.920	96	15554	6.58	ug/L	97
27) 1,2-Dichloroethane	5.058	62	3451	0.93	ug/L	97
33) Benzene	5.103	78	1240102	143.44	ug/L	100
35) Methylcyclohexane	6.074	83	38460	10.86	ug/L #	17
37) 1,2-Dichloropropane	5.913	63	1917	0.85	ug/L	98
44) trans-1,3-Dichloropropene	7.627	75	3646	1.02	ug/L	99
48) 2-Hexanone	8.151	43	11360	4.19	ug/L #	74
59) 1,2,3-Trichloropropane	11.254	75	20250	6.64	ug/L	91

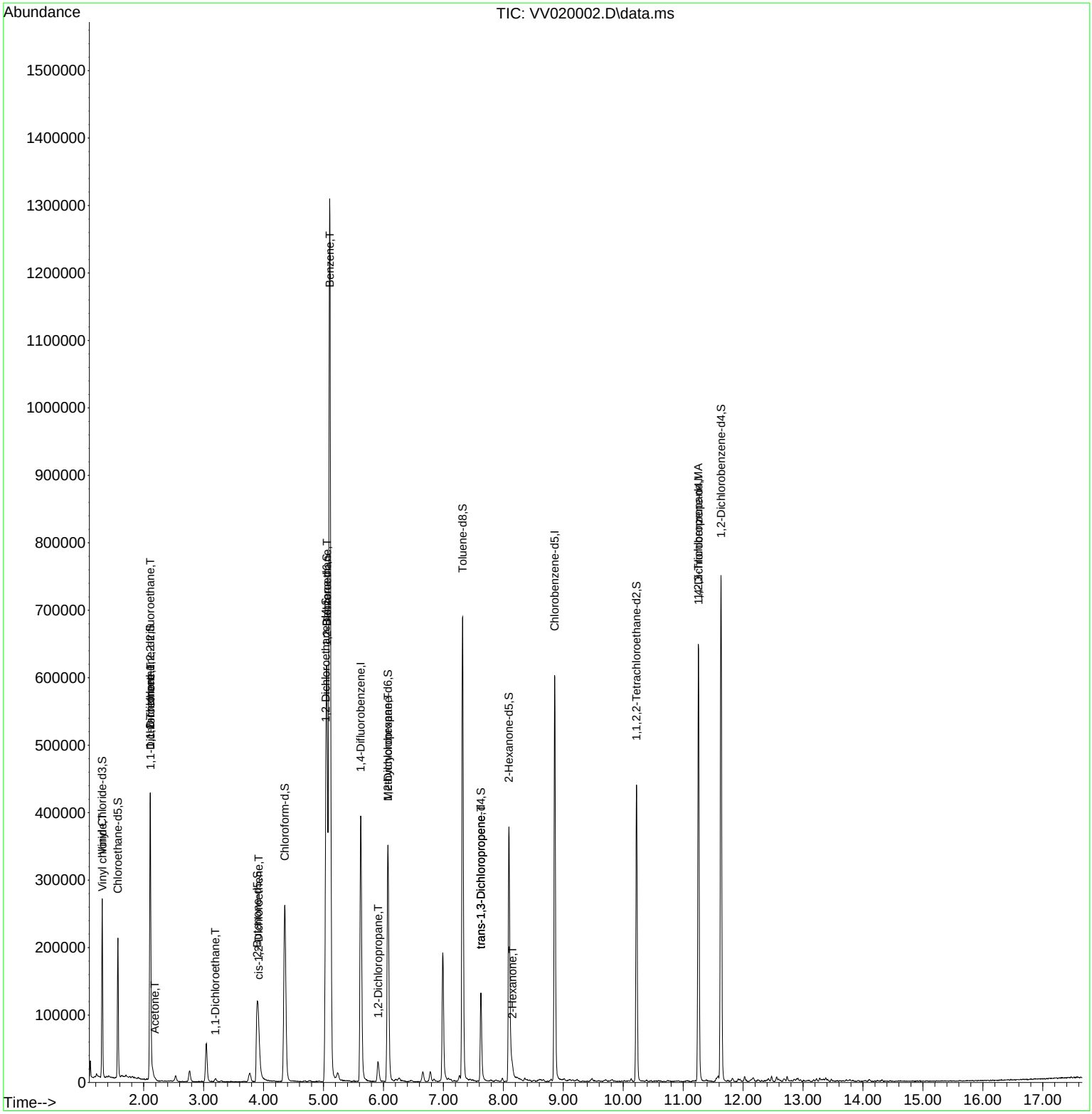
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

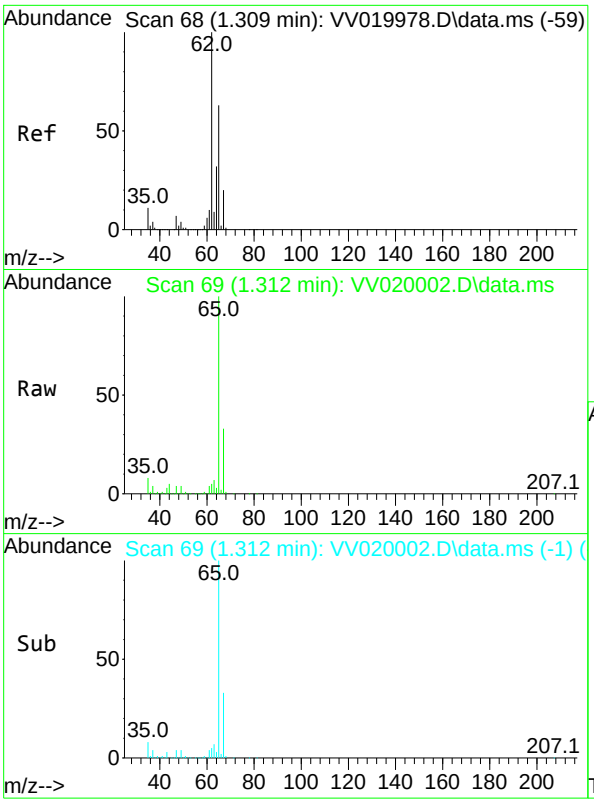
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020002.D
Acq On : 14 Jan 2021 15:23
Operator : SY/MD
Sample : M1147-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

Quant Time: Jan 15 01:08:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 13:06:01 2021
Response via : Initial Calibration



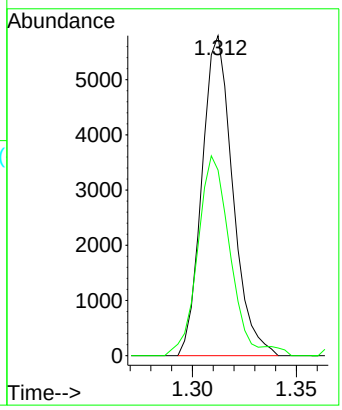
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

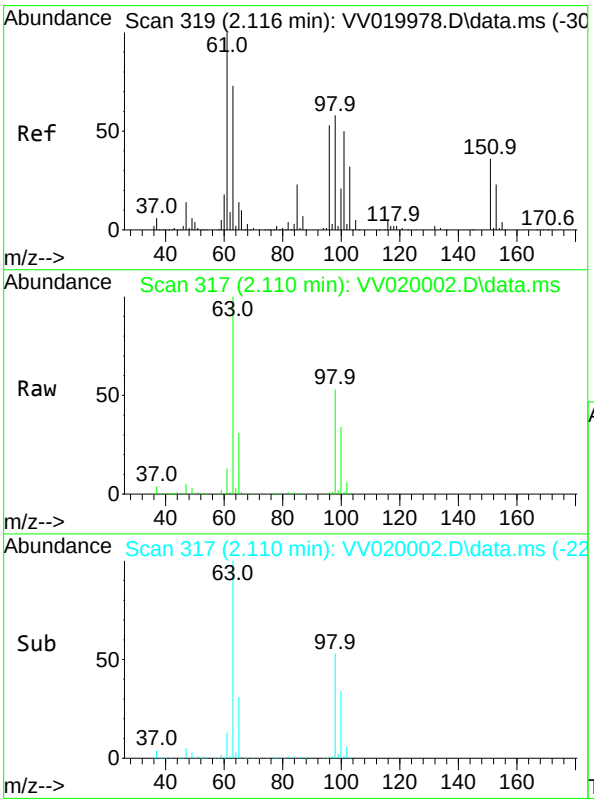


#5
Vinyl chloride
Concen: 2.03 ug/L
RT: 1.312 min Scan# 69
Delta R.T. 0.003 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 62 Resp: 5960

Ion	Ratio	Lower	Upper
62	100		
64	58.0	23.0	42.6#

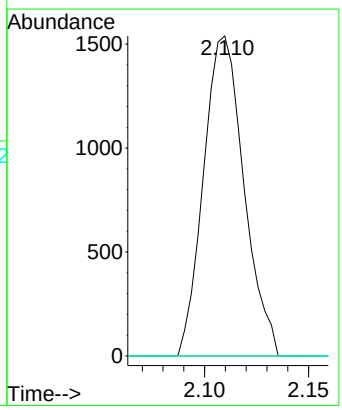




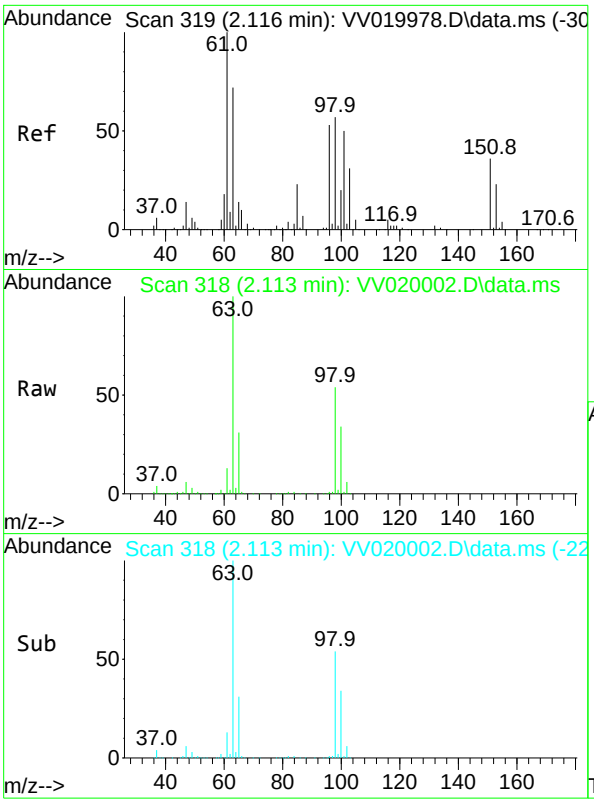
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.91 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion:101 Resp: 2082

Ion	Ratio	Lower	Upper
101	100		
85	3.3	35.3	52.9#
151	0.0	53.6	80.4#



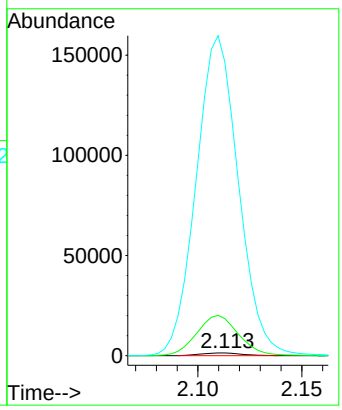
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

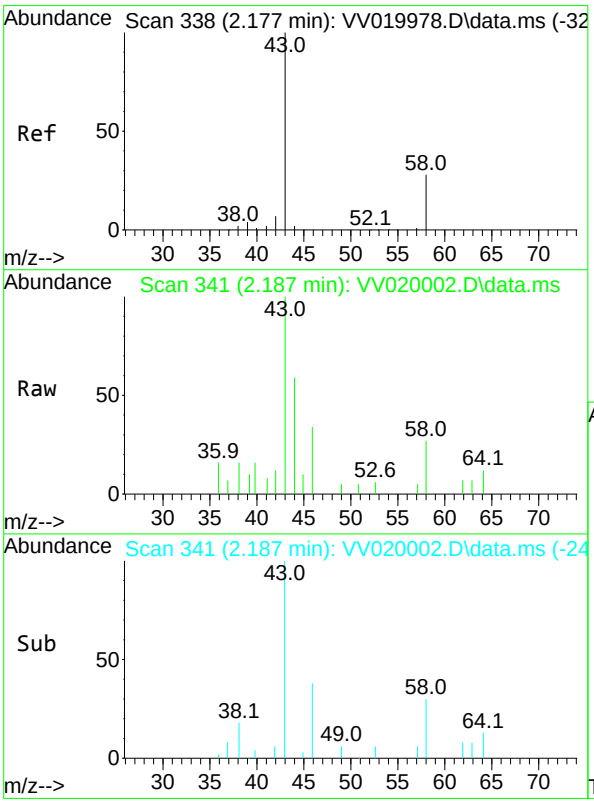


#12
1,1-Dichloroethene
Concen: 0.87 ug/L
RT: 2.113 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 96 Resp: 1911

Ion	Ratio	Lower	Upper
96	100		
61	1360.0	134.9	250.5#
63	10800.0	117.6	218.4#

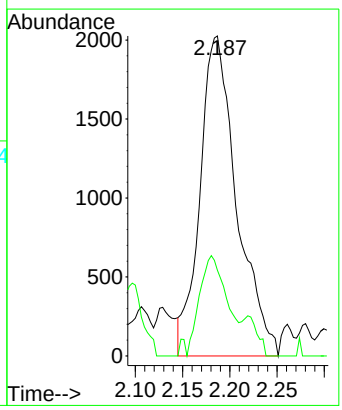


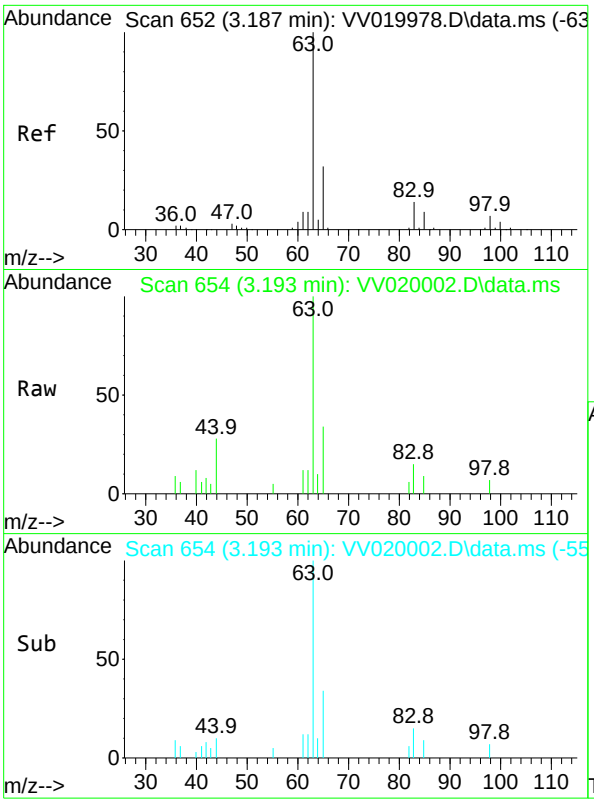


#13
Acetone
Concen: 3.62 ug/L
RT: 2.187 min Scan# 341
Delta R.T. 0.010 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 43 Resp: 5482

Ion	Ratio	Lower	Upper
43	100		
58	23.2	0.0	60.2

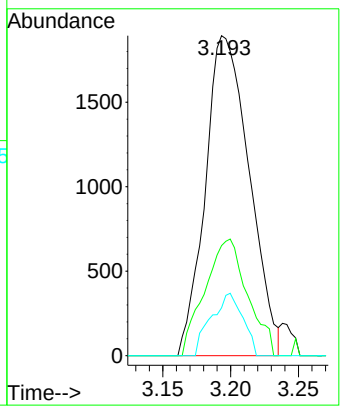




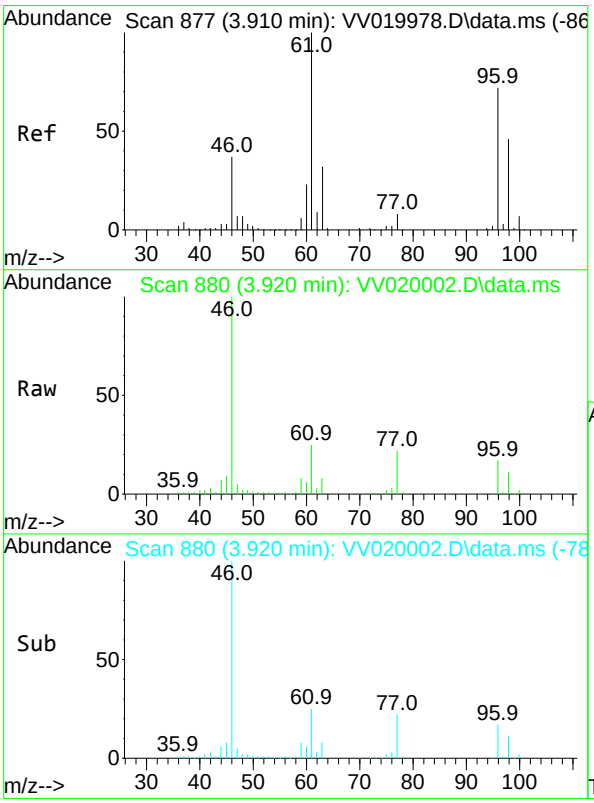
#19
1,1-Dichloroethane
Concen: 1.01 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.006 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 63 Resp: 4273

Ion	Ratio	Lower	Upper
63	100		
65	34.4	21.9	40.7
83	14.9	9.5	17.7



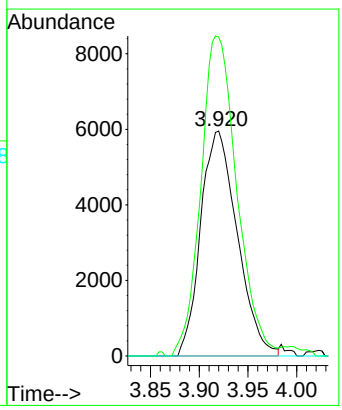
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2



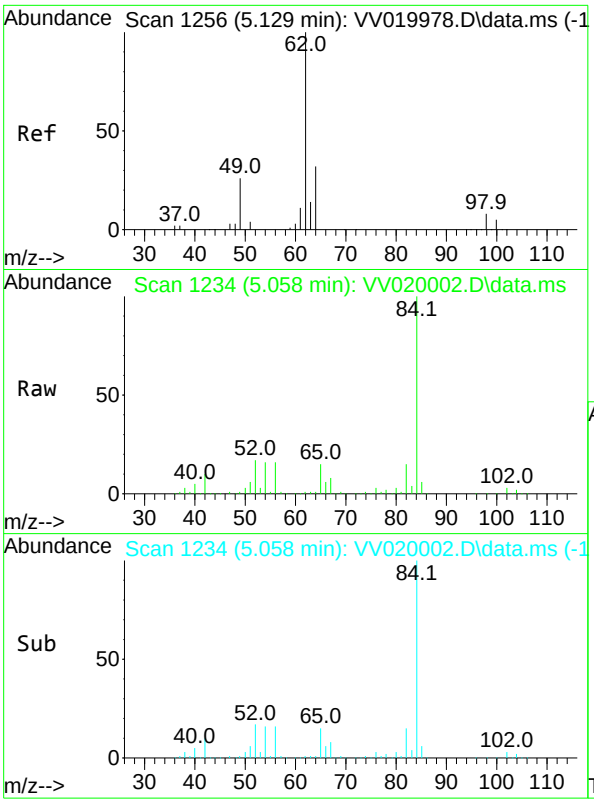
#20
cis-1,2-Dichloroethene
Concen: 6.58 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 96 Resp: 15554

Ion	Ratio	Lower	Upper
96	100		
61	141.7	96.9	179.9
68	0.0	0.0	0.0



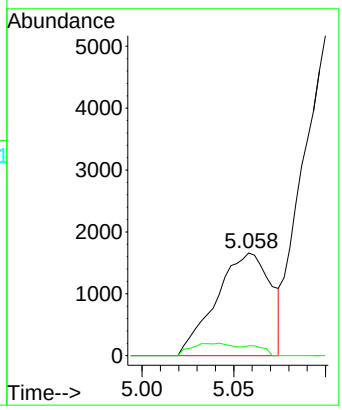
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

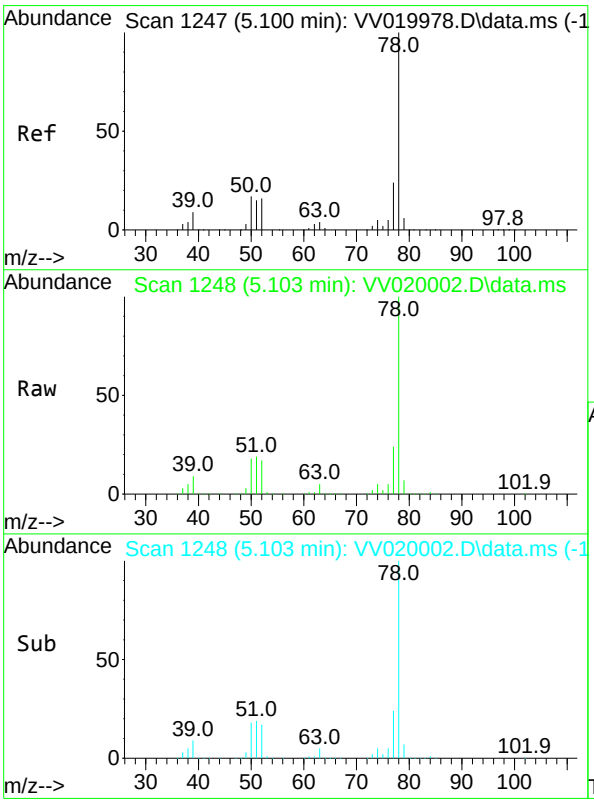


#27
1,2-Dichloroethane
Concen: 0.93 ug/L
RT: 5.058 min Scan# 1234
Delta R.T. -0.071 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 62 Resp: 3451

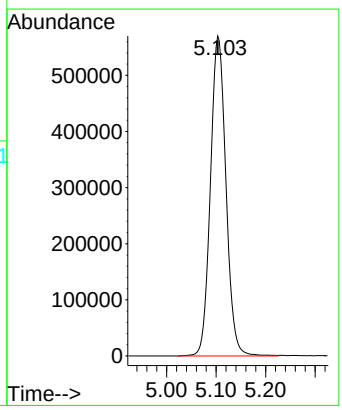
Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.9	10.3



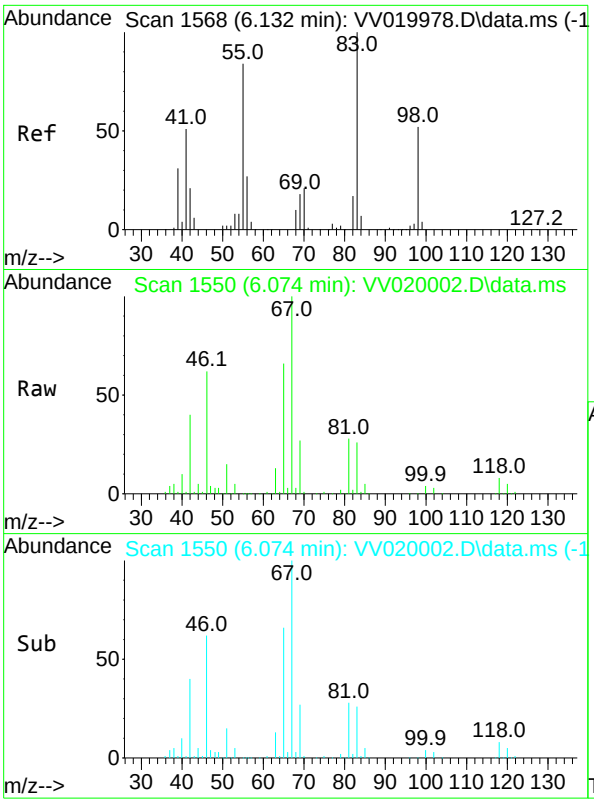


#33
Benzene
Concen: 143.44 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 78 Resp: 1240102



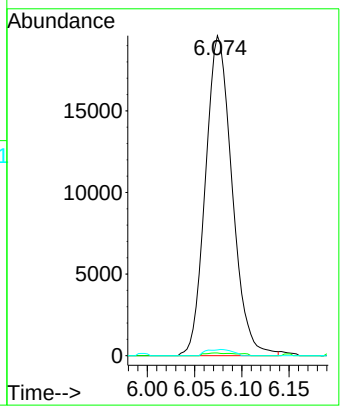
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

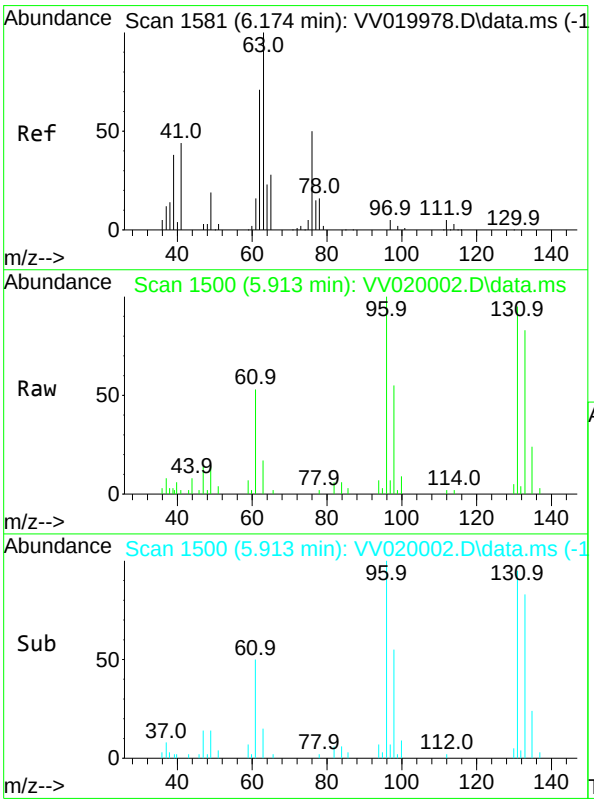


#35
Methylcyclohexane
Concen: 10.86 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.058 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 83 Resp: 38460

Ion	Ratio	Lower	Upper
83	100		
55	0.1	65.1	97.7#
98	0.6	38.2	57.2#

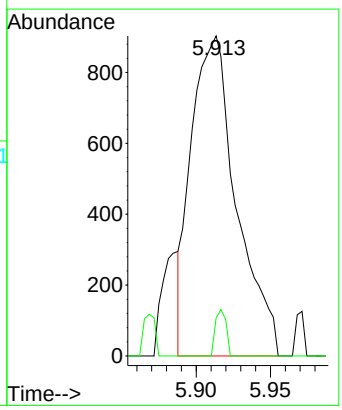




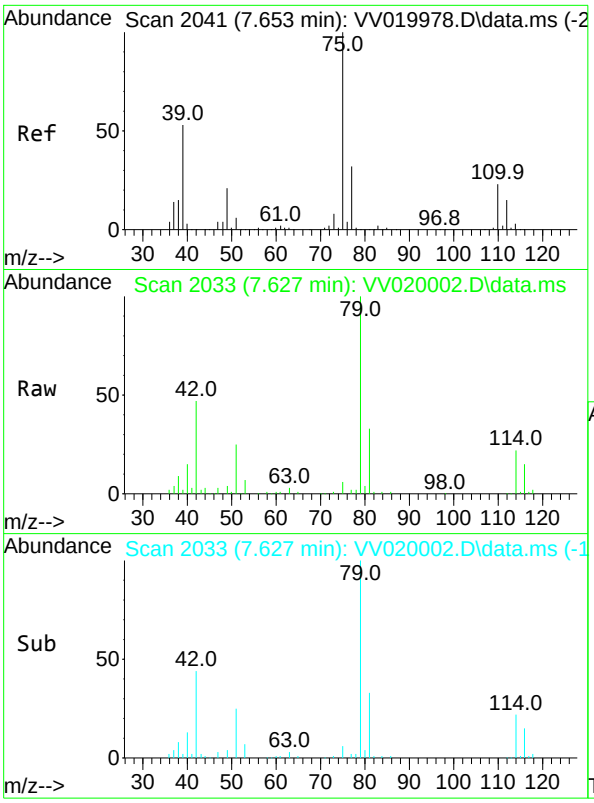
#37
1,2-Dichloropropane
Concen: 0.85 ug/L
RT: 5.913 min Scan# 1500
Delta R.T. -0.261 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 63 Resp: 1917

Ion	Ratio	Lower	Upper
63	100		
112	3.4	3.3	4.9



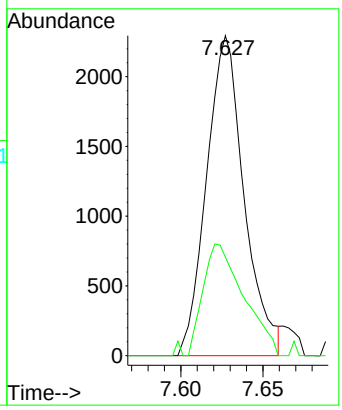
Instrument :
MSVOA_V
ClientSampleId :
BG4Y2

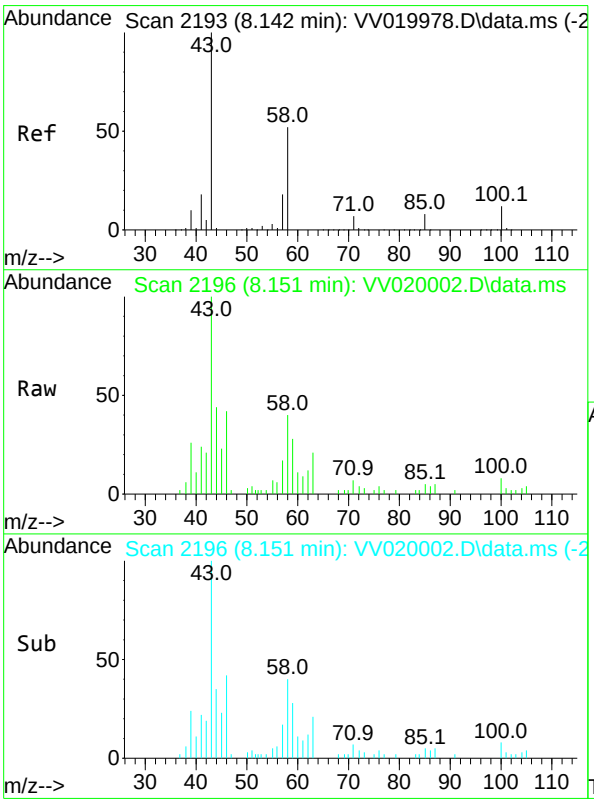


#44
trans-1,3-Dichloropropene
Concen: 1.02 ug/L
RT: 7.627 min Scan# 2033
Delta R.T. -0.026 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 75 Resp: 3646

Ion	Ratio	Lower	Upper
75	100		
77	30.8	22.0	41.0

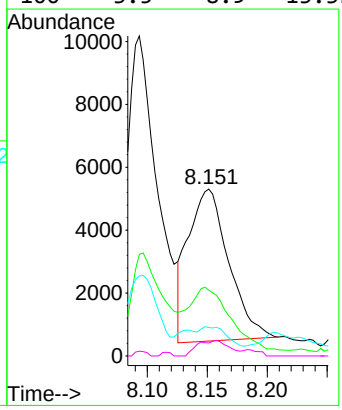


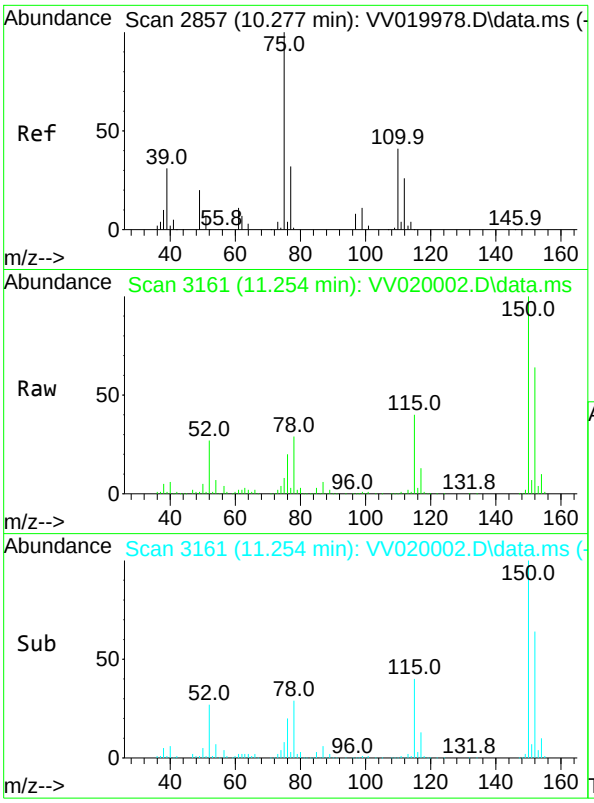


#48
2-Hexanone
Concen: 4.19 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 43 Resp: 11360

Ion	Ratio	Lower	Upper
43	100		
58	36.3	41.8	62.6#
57	0.9	15.0	22.4#
100	3.5	8.9	13.3#

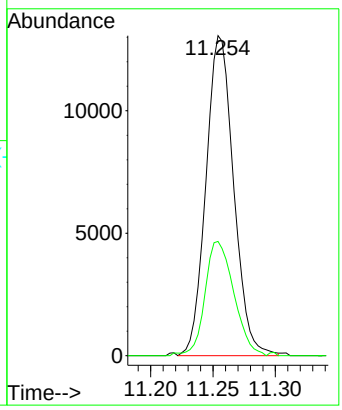




#59
1,2,3-Trichloropropane
Concen: 6.64 ug/L
RT: 11.254 min Scan# 3161
Delta R.T. 0.977 min
Lab File: VV020002.D
Acq: 14 Jan 2021 15:23

Tgt Ion: 75 Resp: 20250

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.4	38.0



Instrument :
MSVOA_V
ClientSampleId :
BG4Y2