Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018031.D
Acq On : 17 Aug 2020 17:33
Operator : SY/MD
Sample : L3665-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

Quant Time: Aug 18 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120861	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	83920	43.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.60%			
7) Chloroethane-d5	1.58	69	73713	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.96%			
11) 1,1-Dichloroethene-d2	2.12	63	126109	34.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.02%			
21) 2-Butanone-d5	3.91	46	121733	95.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.89%			
24) Chloroform-d	4.38	84	153366	43.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.94%			
26) 1,2-Dichloroethane-d4	5.06	65	110395	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.34%			
32) Benzene-d6	5.07	84	321955	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.09	67	105755	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.84%			
41) Toluene-d8	7.34	98	283199	45.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.36%			
43) trans-1,3-Dichloropropene-	7.64	79	47799	46.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.52%			
47) 2-Hexanone-d5	8.11	63	63207	87.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.39%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136648	46.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.12%			
64) 1,2-Dichlorobenzene-d4	11.65	152	119329	50.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.34%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	40301	17.853	ug/L	95
12) 1,1-Dichloroethene	2.12	96	1325	0.778	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	3285	1.875	ug/L	89
18) Methyl tert-butyl Ether	2.78	73	48516	8.375	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	92828	48.222	ug/L	100
25) Chloroform	4.41	83	11905	3.314	ug/L	97
34) Trichloroethene	5.94	95	2235	1.092	ug/L	97
35) Methylcyclohexane	6.09	83	25503	8.384	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12085	5.726	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2743	0.917	ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	14224	5.457	ug/L	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
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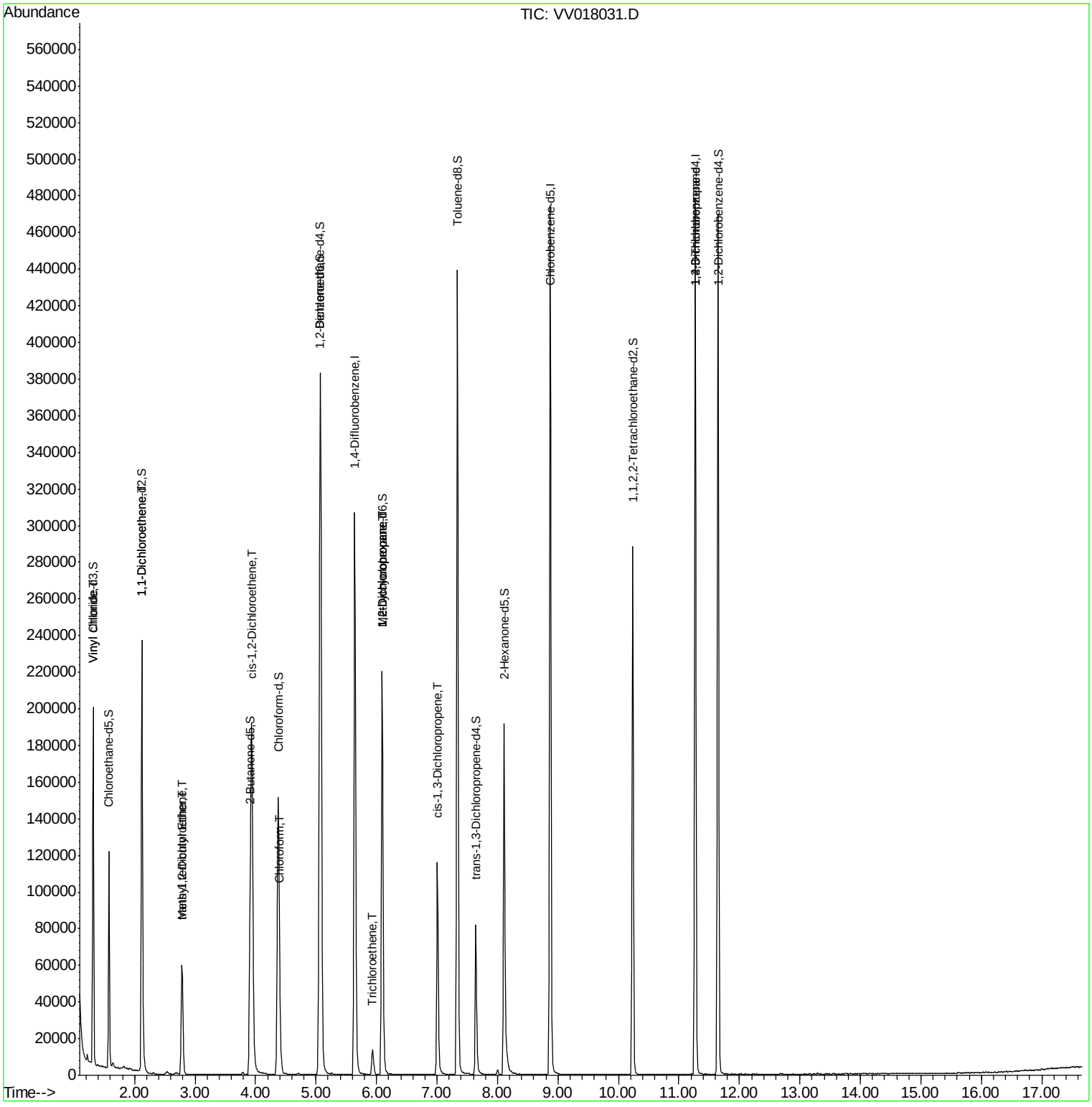
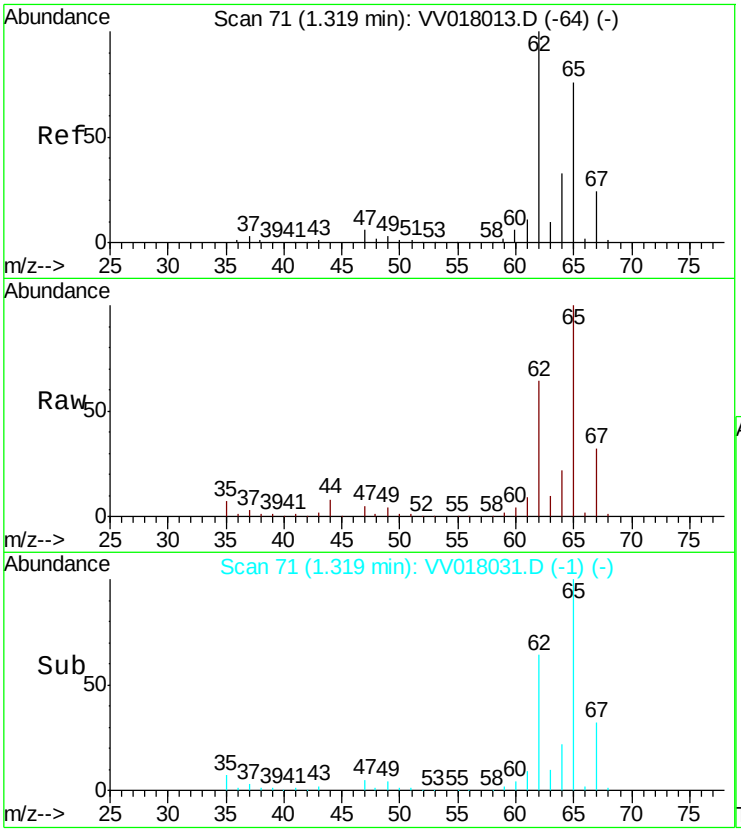
Acq On : 17 Aug 2020 17:33
Operator : SY/MD
Sample : L3665-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Quant Time: Aug 18 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration



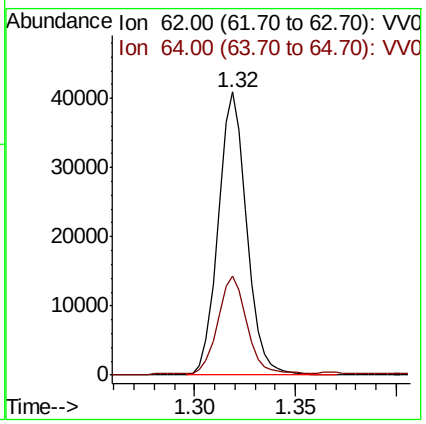


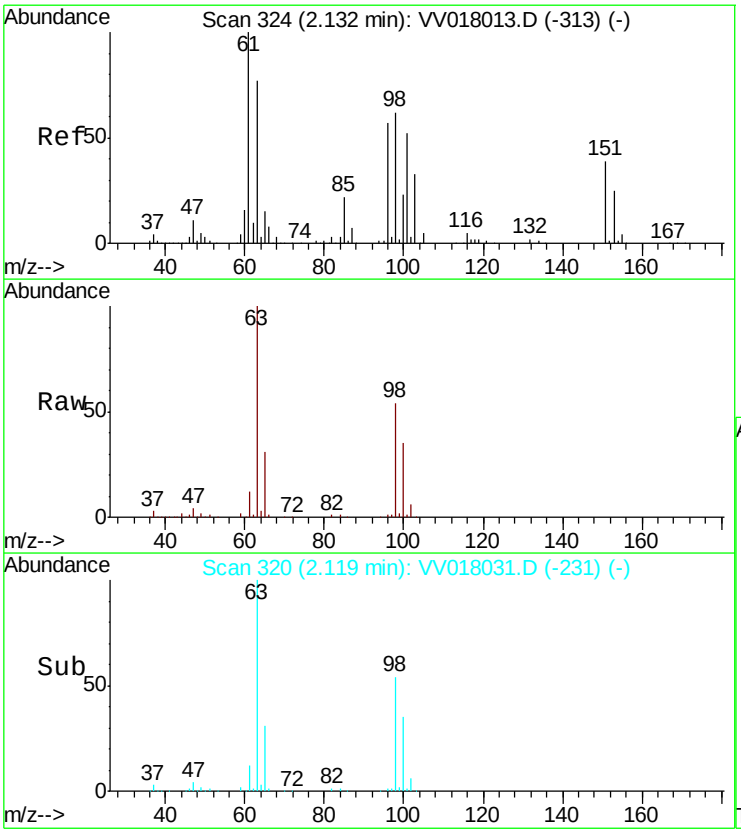
#5
Vinyl chloride
Concen: 17.853 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 62 Resp: 40301

Ion	Ratio	Lower	Upper
62	100		
64	34.9	22.4	41.6

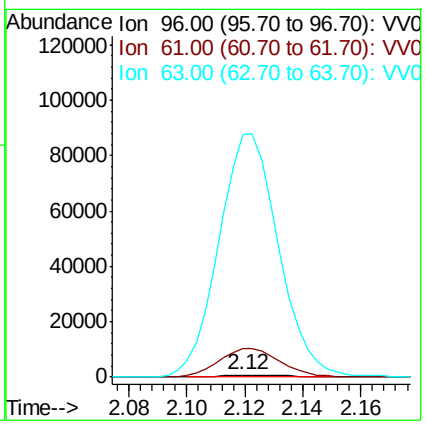


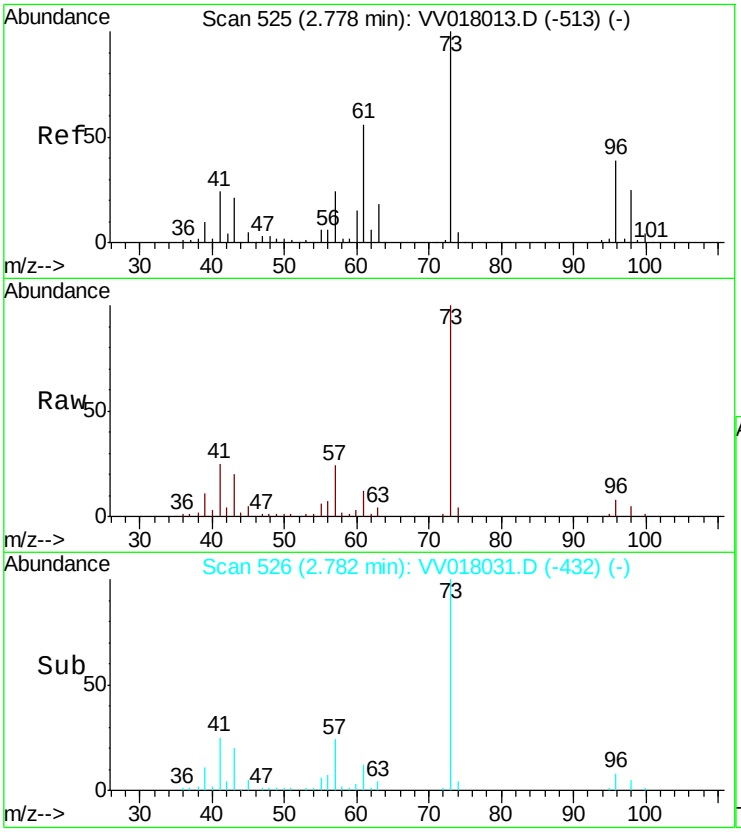


#12
1,1-Dichloroethene
Concen: 0.778 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Tgt Ion: 96 Resp: 1325

Ion	Ratio	Lower	Upper
96	100		
61	1207.7	127.1	236.0#
63	10355.5	95.2	176.8#



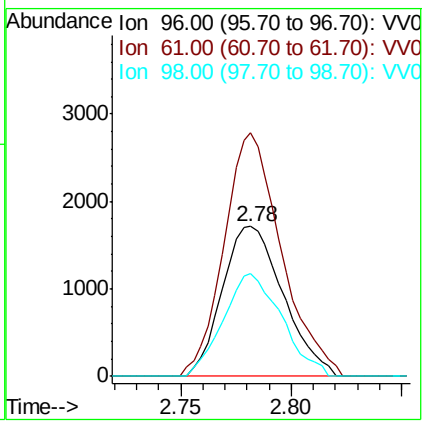


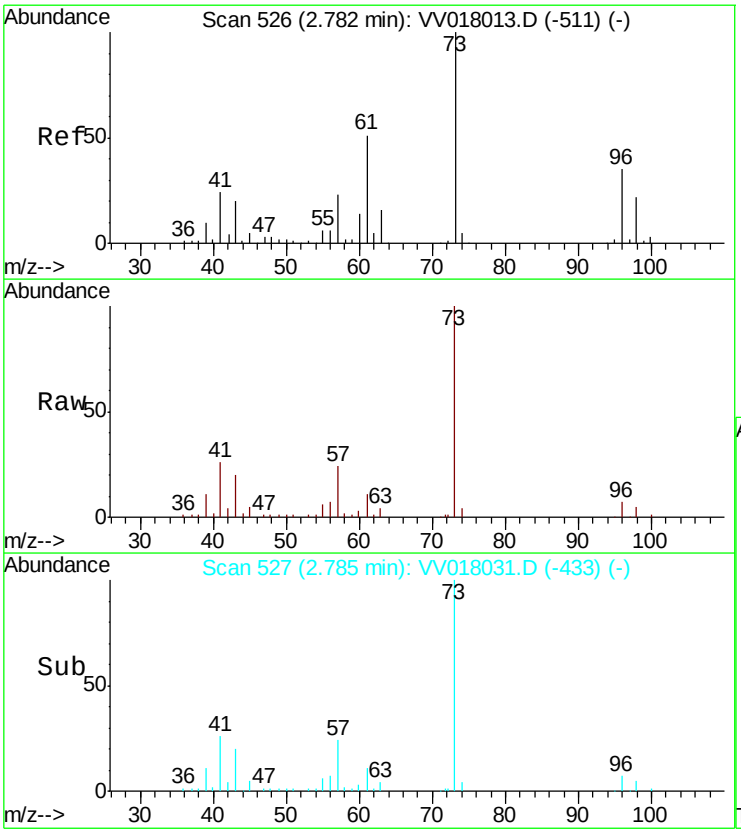
#17
trans-1,2-Dichloroethene
Concen: 1.875 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 96 Resp: 3285

Ion	Ratio	Lower	Upper
96	100		
61	162.4	102.4	190.2
98	68.4	44.4	82.5

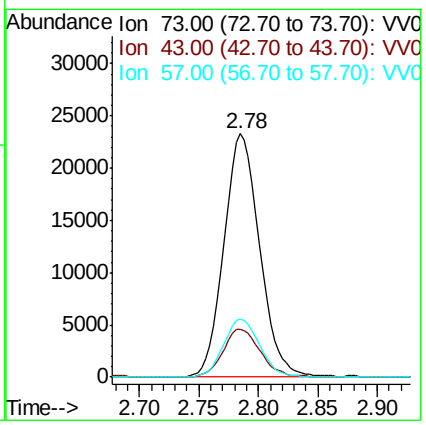


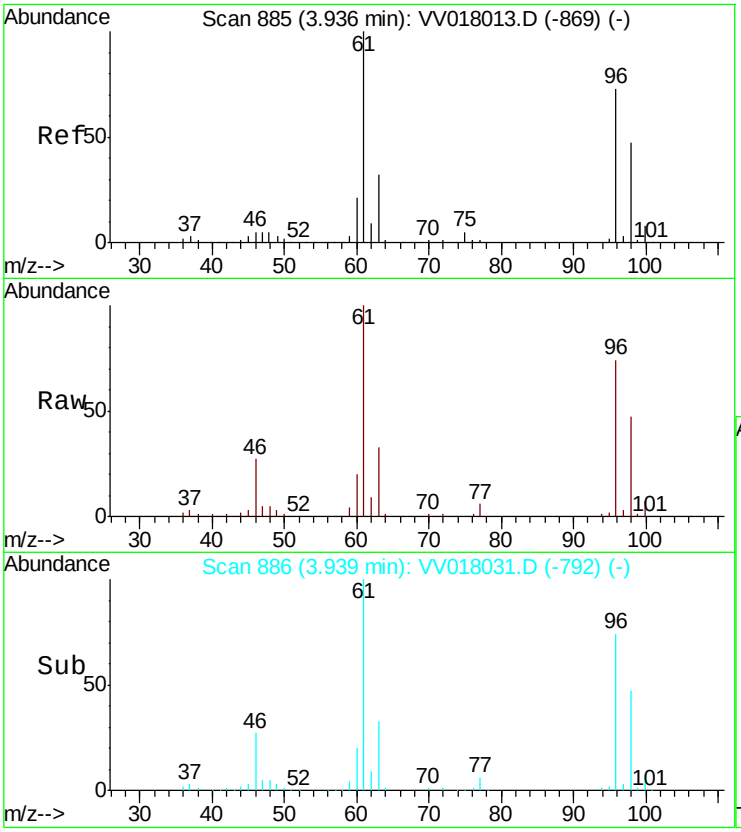


#18
Methyl tert-butyl Ether
Concen: 8.375 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Tgt Ion: 73 Resp: 48516

Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.9	23.9
57	24.0	18.1	27.1



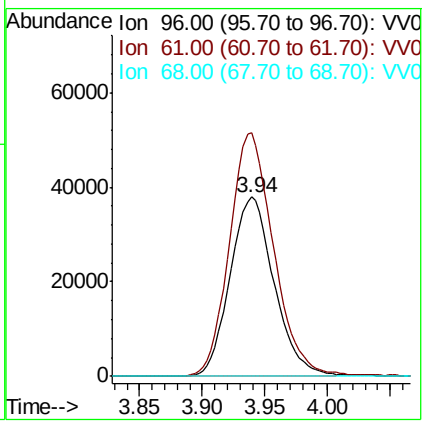


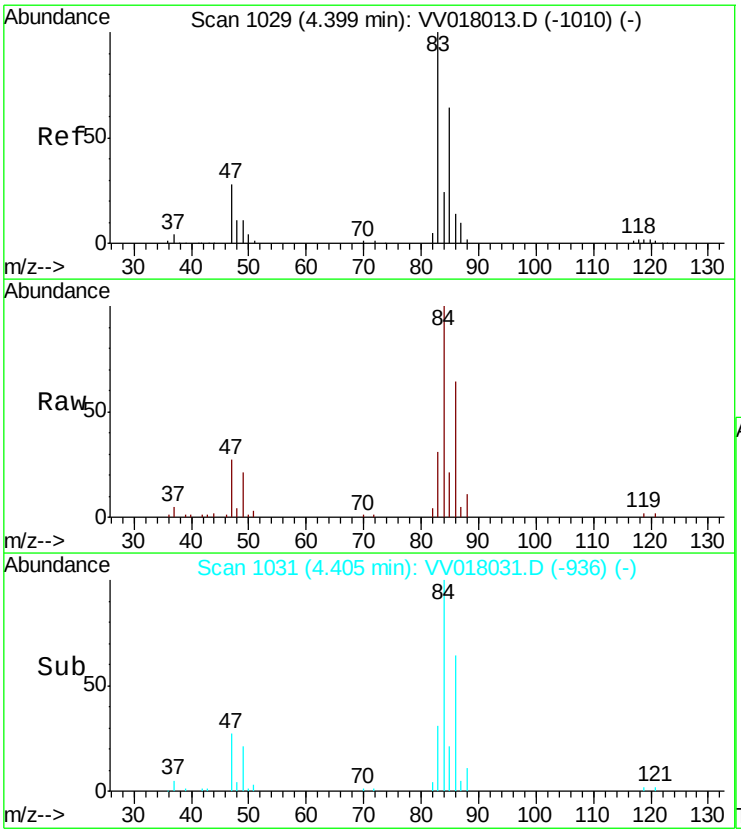
#20
cis-1,2-Dichloroethene
Concen: 48.222 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 96 Resp: 92828

Ion	Ratio	Lower	Upper
96	100		
61	135.6	95.0	176.4
68	0.0	0.0	0.0

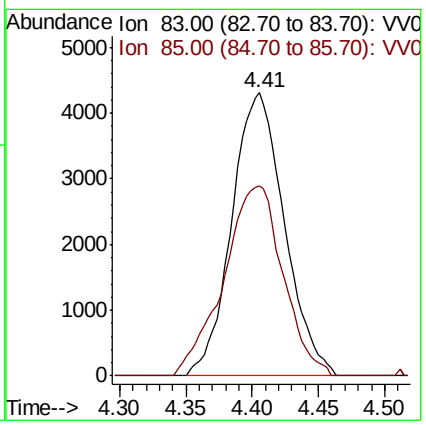


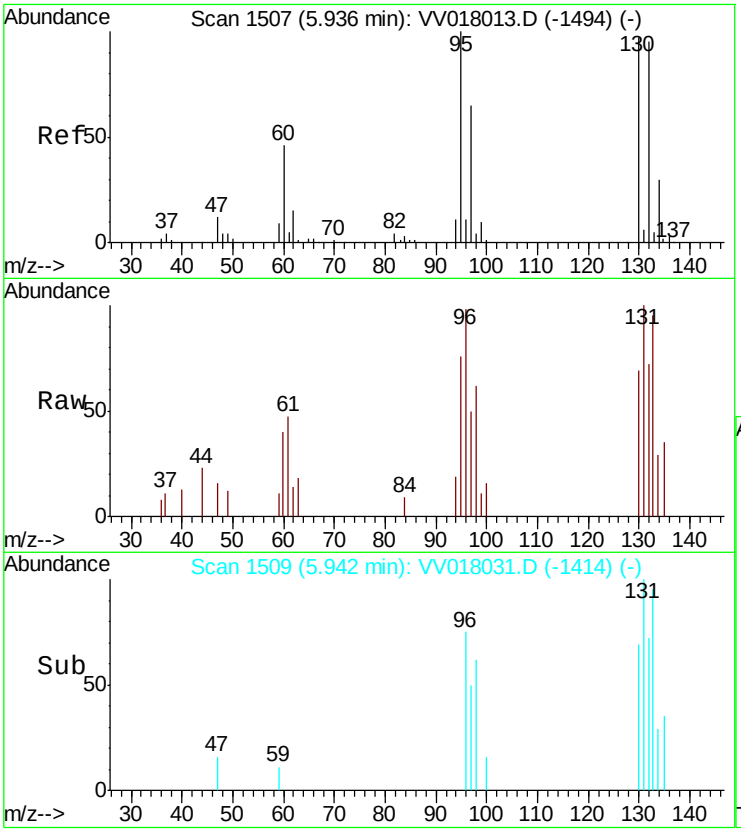


#25
Chloroform
Concen: 3.314 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Tgt Ion: 83 Resp: 11905

Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.5	84.5



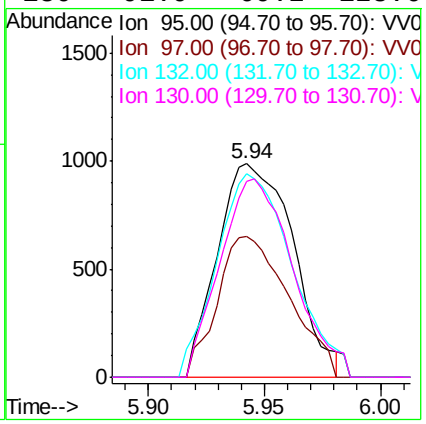


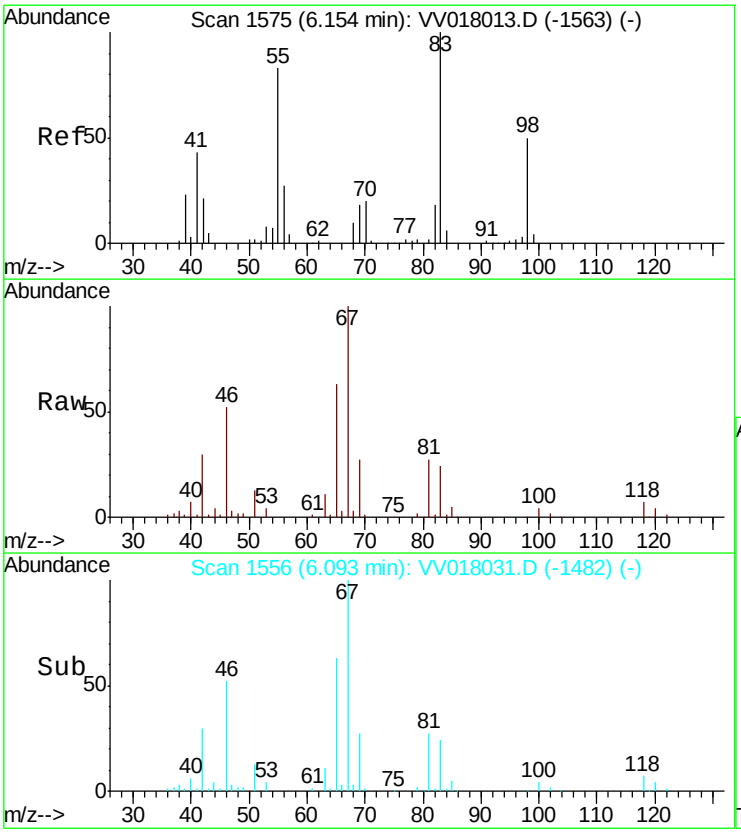
#34
Trichloroethene
Concen: 1.092 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 95 Resp: 2235

Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.0	85.4
132	95.6	65.8	122.2
130	91.9	69.2	128.6

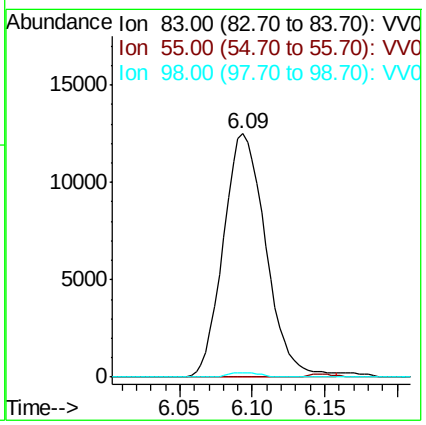


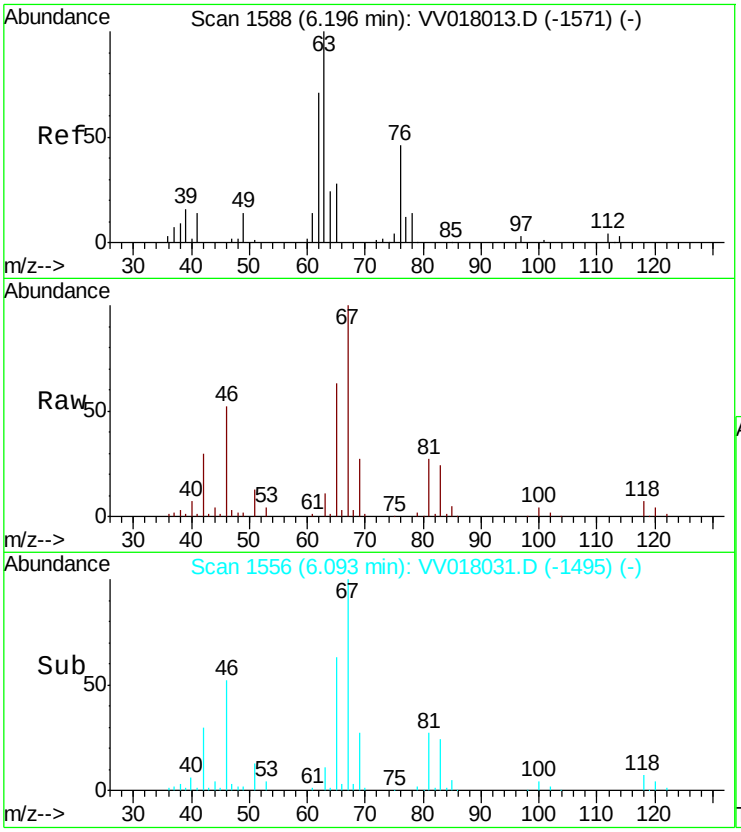


#35
Methylcyclohexane
Concen: 8.384 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Tgt Ion: 83 Resp: 25503

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.9	97.3#
98	1.4	38.7	58.1#



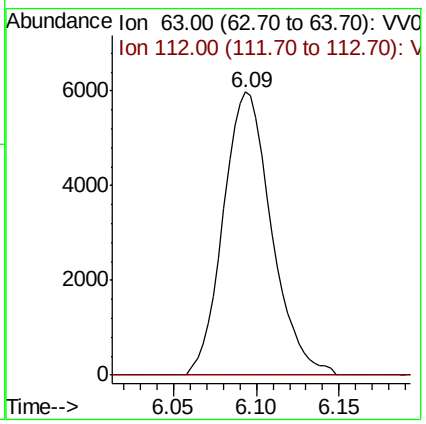


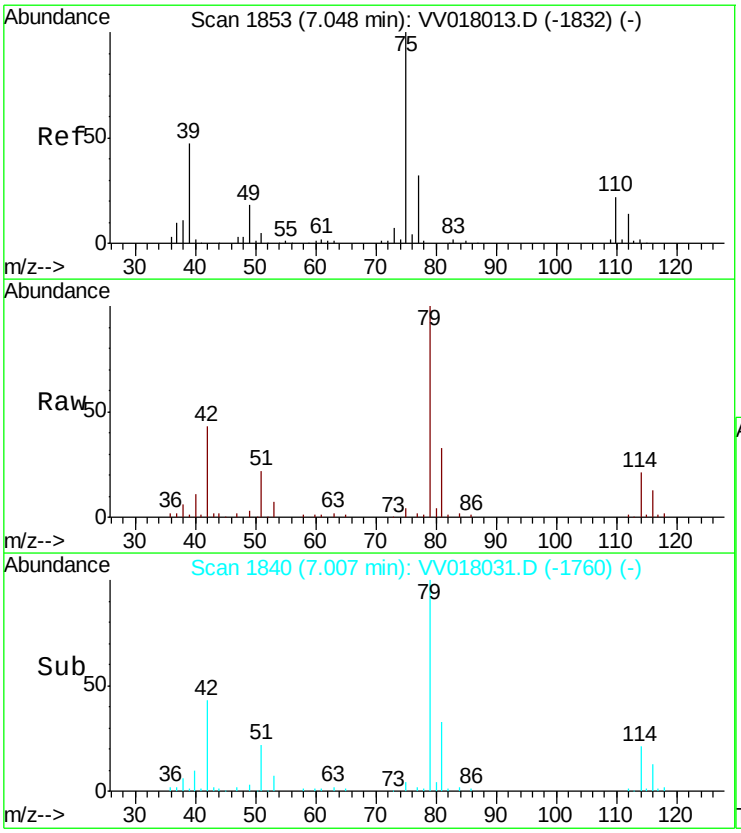
#37
1,2-Dichloropropane
Concen: 5.726 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 63 Resp: 12085

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

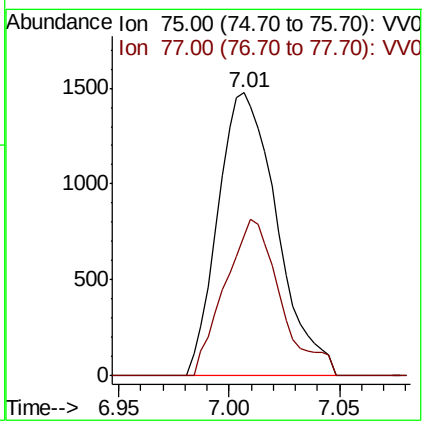


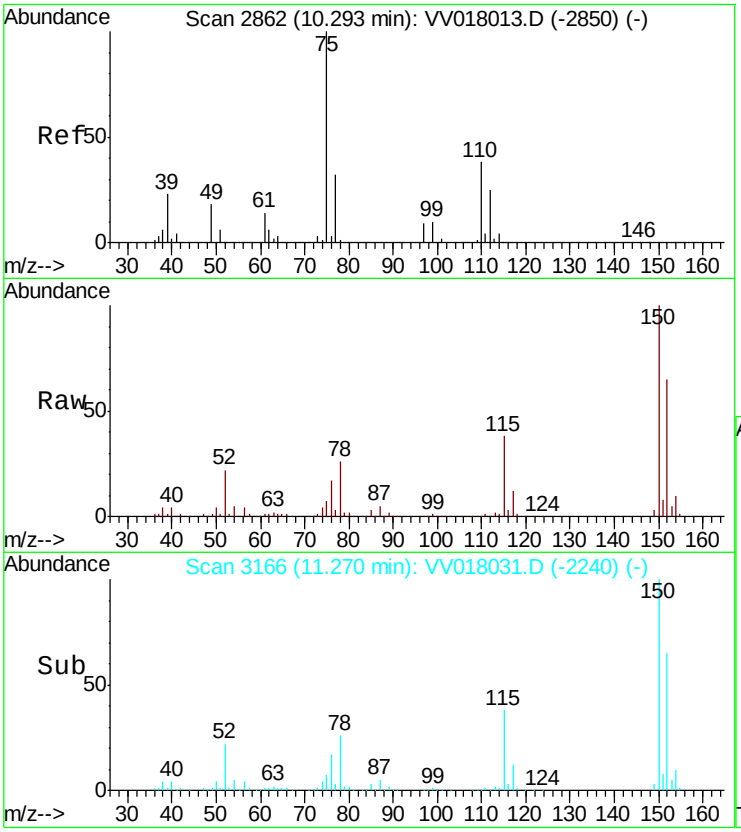


#39
cis-1,3-Dichloropropene
Concen: 0.917 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Tgt Ion: 75 Resp: 2743

Ion	Ratio	Lower	Upper
75	100		
77	49.7	22.3	41.5#





#59
1,2,3-Trichloropropane
Concen: 5.457 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018031.D
Acq: 17 Aug 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :
F4L40

Tgt Ion: 75 Resp: 14224

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.7	38.5