Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV018009.D
Acq On : 14 Aug 2020 20:10
Operator : SY/MD
Sample : L3665-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L37

Quant Time: Aug 17 01:39:46 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	242153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113389	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58734	31.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.58%			
7) Chloroethane-d5	1.58	69	55980	37.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.06%			
11) 1,1-Dichloroethene-d2	2.12	63	95540	27.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.06%#			
21) 2-Butanone-d5	3.91	46	125657	103.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.84%			
24) Chloroform-d	4.38	84	142739	42.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.88%			
26) 1,2-Dichloroethane-d4	5.06	65	99336	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.94%			
32) Benzene-d6	5.08	84	270107	40.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.76%			
36) 1,2-Dichloropropane-d6	6.09	67	95632	44.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.54%			
41) Toluene-d8	7.34	98	235063	39.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.12%#			
43) trans-1,3-Dichloropropene-	7.64	79	41435	42.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.58%			
47) 2-Hexanone-d5	8.11	63	59807	86.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.28%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129614	46.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.16%			
64) 1,2-Dichlorobenzene-d4	11.65	152	109733	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.34%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	129526	60.198	ug/L	99
12) 1,1-Dichloroethene	2.13	96	3119	1.920	ug/L #	1
13) Acetone	2.18	43	2776	2.221	ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	62350	37.341	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	26306	4.764	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	5942505	3238.615	ug/L	96
33) Benzene	5.13	78	6696	0.903	ug/L	100
34) Trichloroethene	5.94	95	950119	484.617	ug/L	99
35) Methylcyclohexane	6.09	83	22473	7.709	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	10611	5.246	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2378	0.829	ug/L #	66
46) Tetrachloroethene	8.00	164	52793	36.716	ug/L	97
48) 2-Hexanone	8.16	43	5339	2.504	ug/L #	85
49) Dibromochloromethane	8.00	129	47655	26.064	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13529	5.416	ug/L	90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV018009.D
Acq On : 14 Aug 2020 20:10
Operator : SY/MD
Sample : L3665-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L37

Quant Time: Aug 17 01:39:46 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)

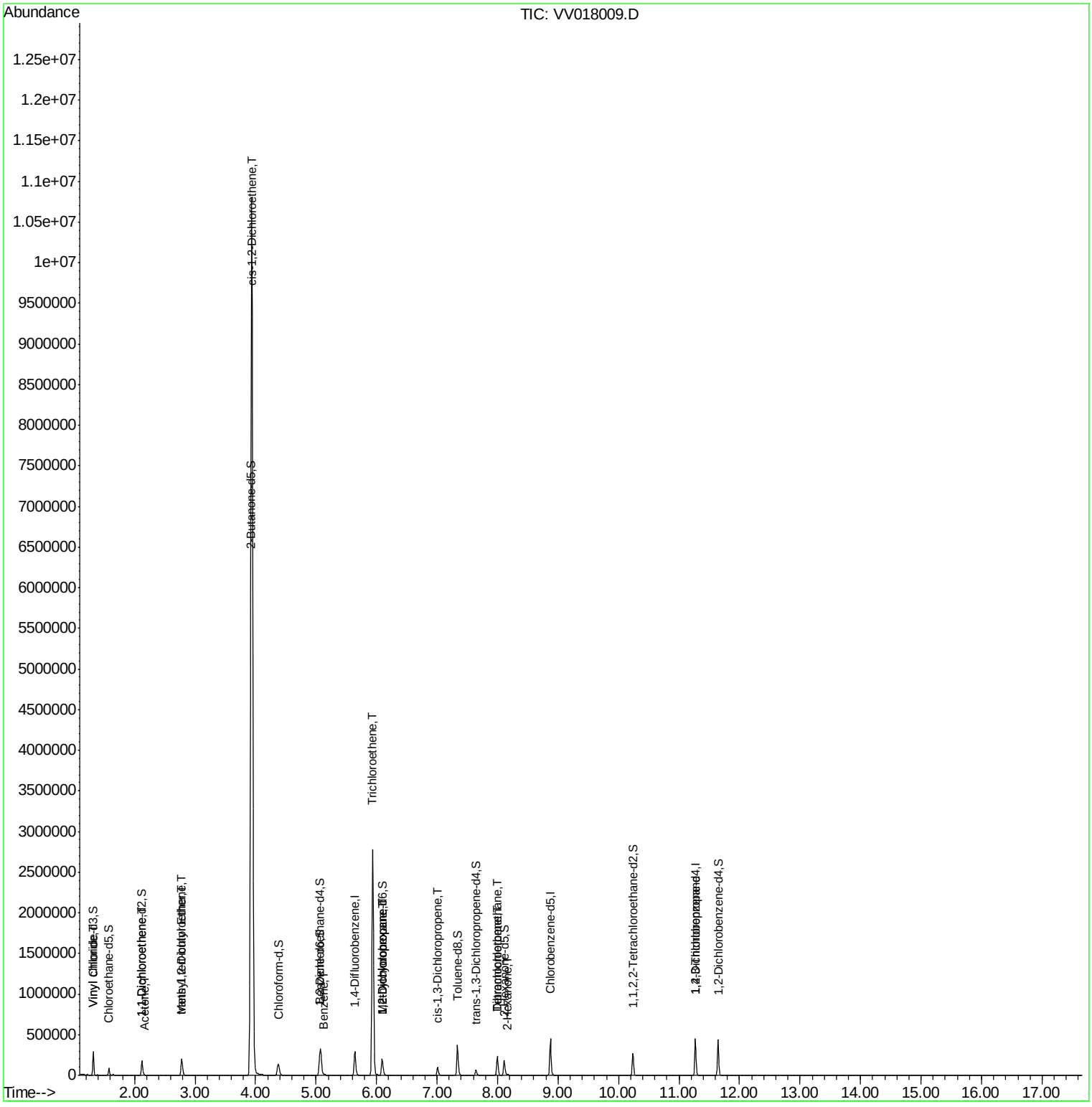
(#) = qualifier out of range (m) = manual integration (+) = signals summed

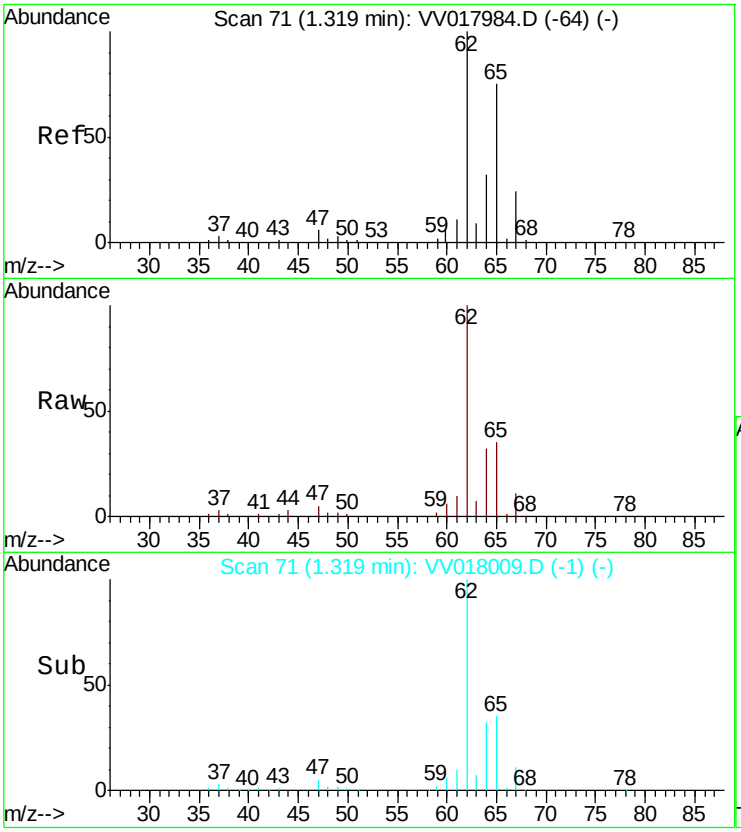
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV018009.D
Acq On : 14 Aug 2020 20:10
Operator : SY/MD
Sample : L3665-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L37

Quant Time: Aug 17 01:39:46 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



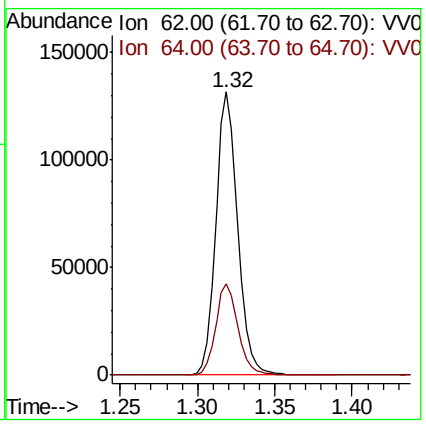


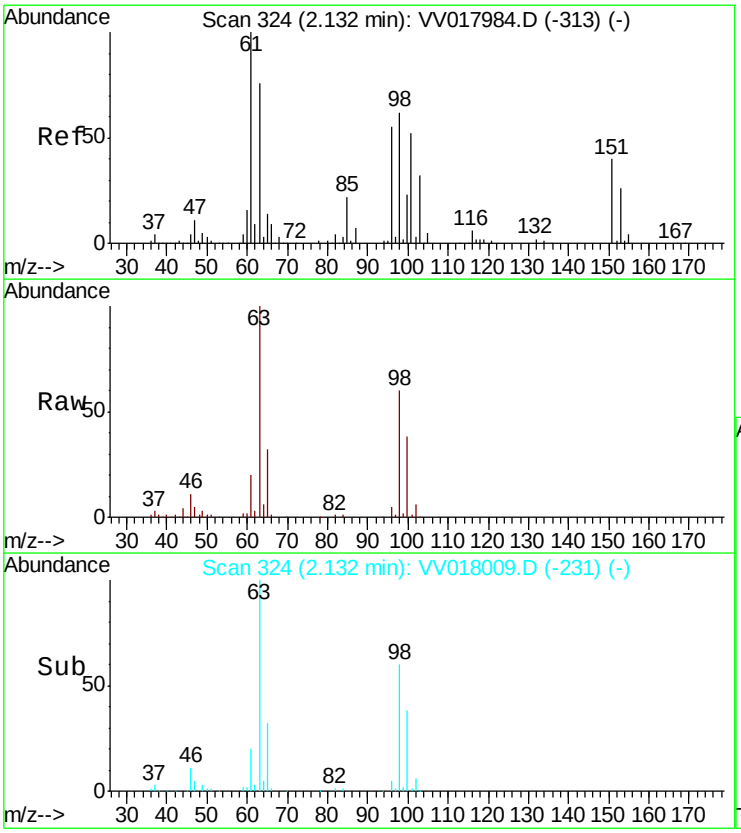
#5
Vinyl chloride
Concen: 60.198 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument :
MSVOA_V
ClientSampleId :
F4L37

Tgt Ion: 62 Resp: 129526

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.4	41.6

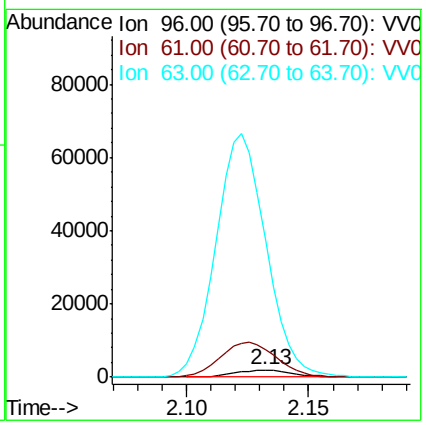


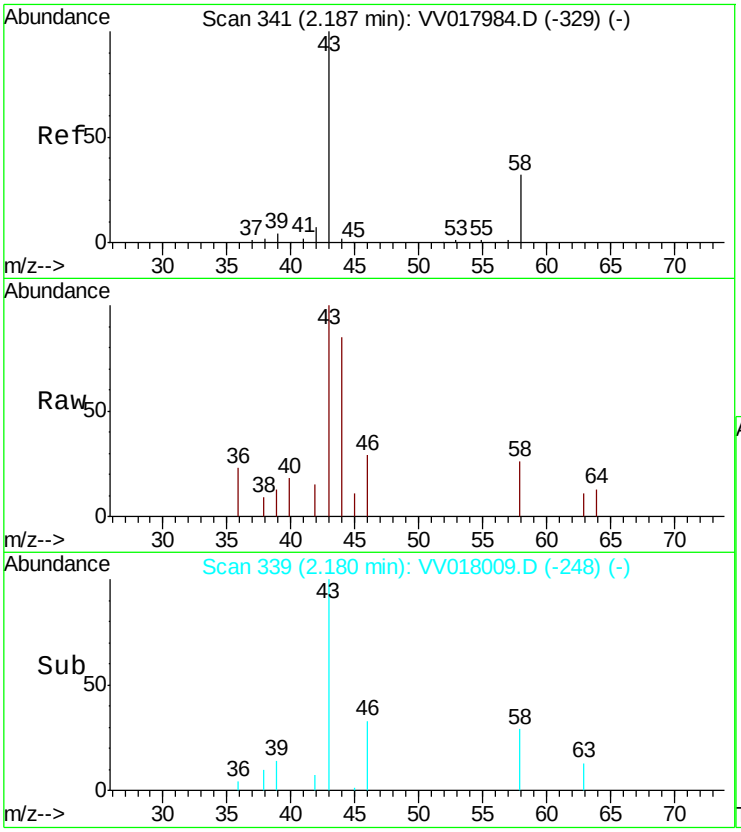


#12
1,1-Dichloroethene
Concen: 1.920 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion: 96 Resp: 3119

Ion	Ratio	Lower	Upper
96	100		
61	377.0	127.1	236.0#
63	1860.6	95.2	176.8#



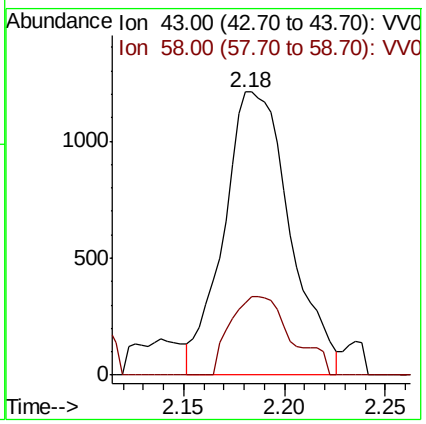


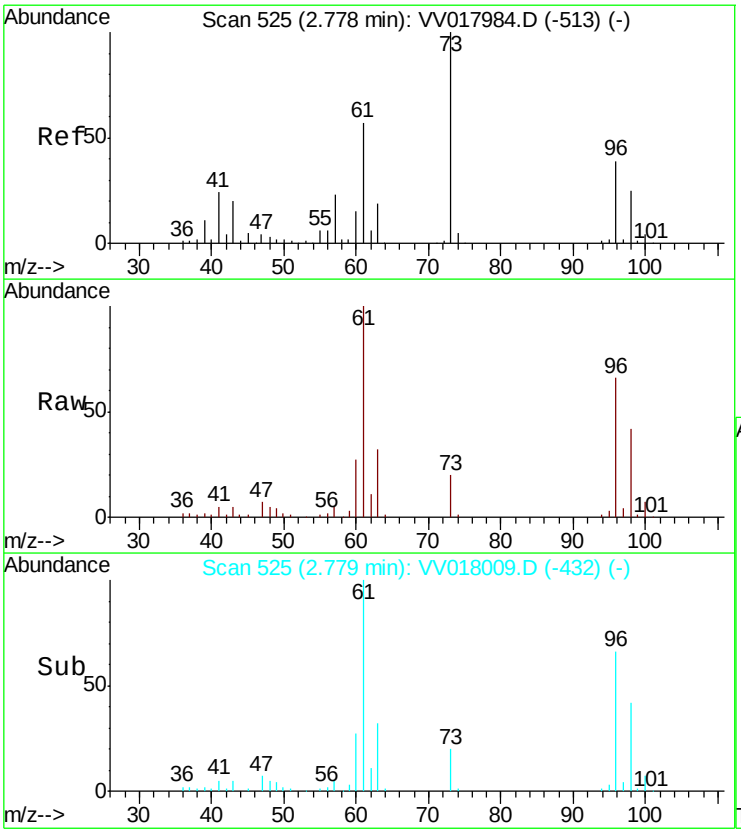
#13
Acetone
Concen: 2.221 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.01 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument : MSVOA_V
ClientSampleId : F4L37

Tgt Ion: 43 Resp: 2776

Ion	Ratio	Lower	Upper
43	100		
58	25.6	0.0	63.6

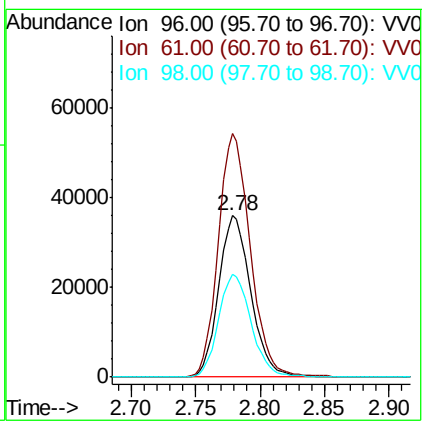


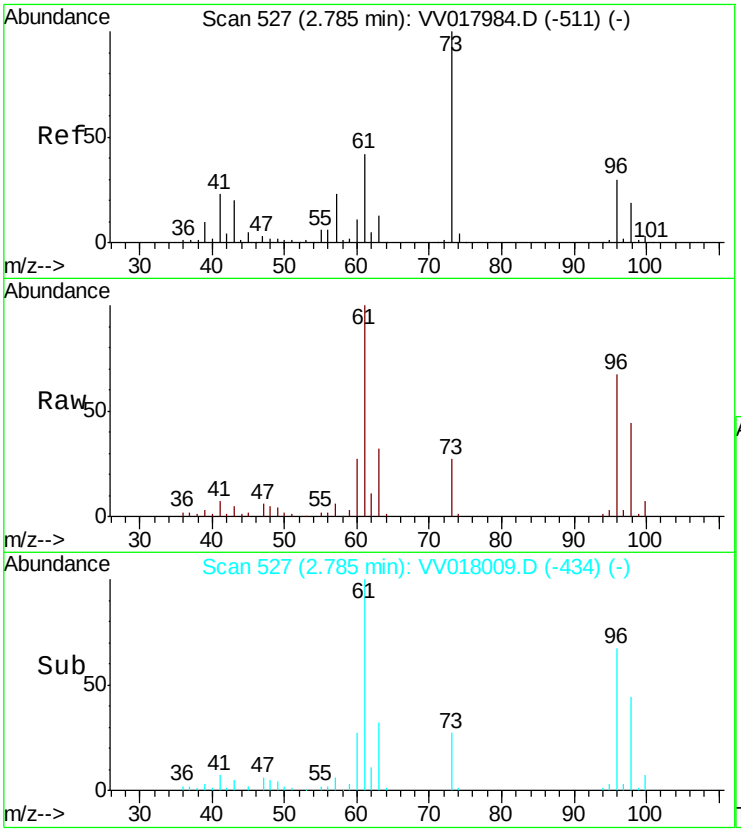


#17
trans-1,2-Dichloroethene
Concen: 37.341 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion: 96 Resp: 62350

Ion	Ratio	Lower	Upper
96	100		
61	151.1	102.4	190.2
98	63.5	44.4	82.5



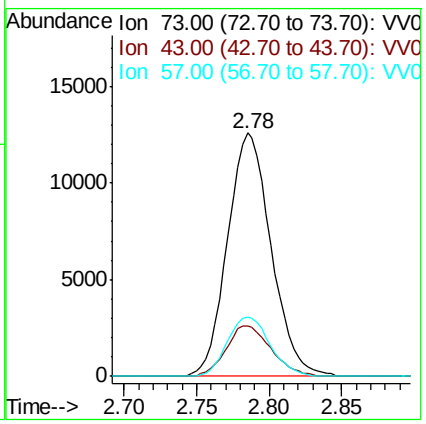


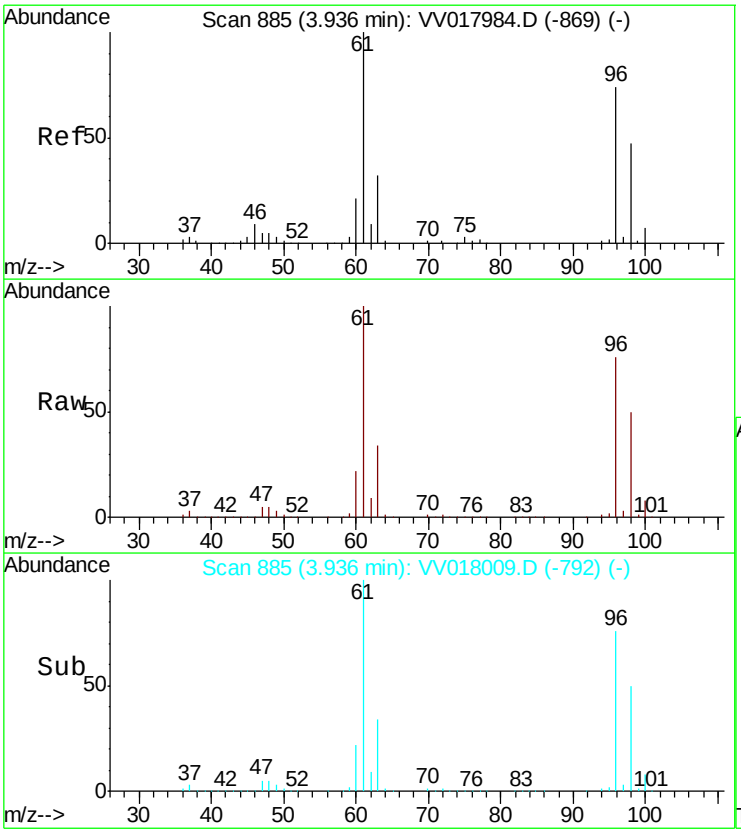
#18
Methyl tert-butyl Ether
Concen: 4.764 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument : MSVOA_V
ClientSampleId : F4L37

Tgt Ion: 73 Resp: 26306

Ion	Ratio	Lower	Upper
73	100		
43	21.4	15.9	23.9
57	23.9	18.1	27.1

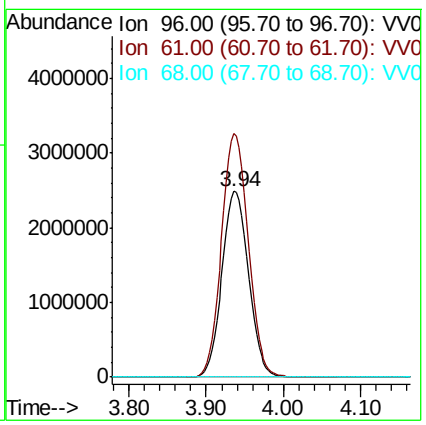


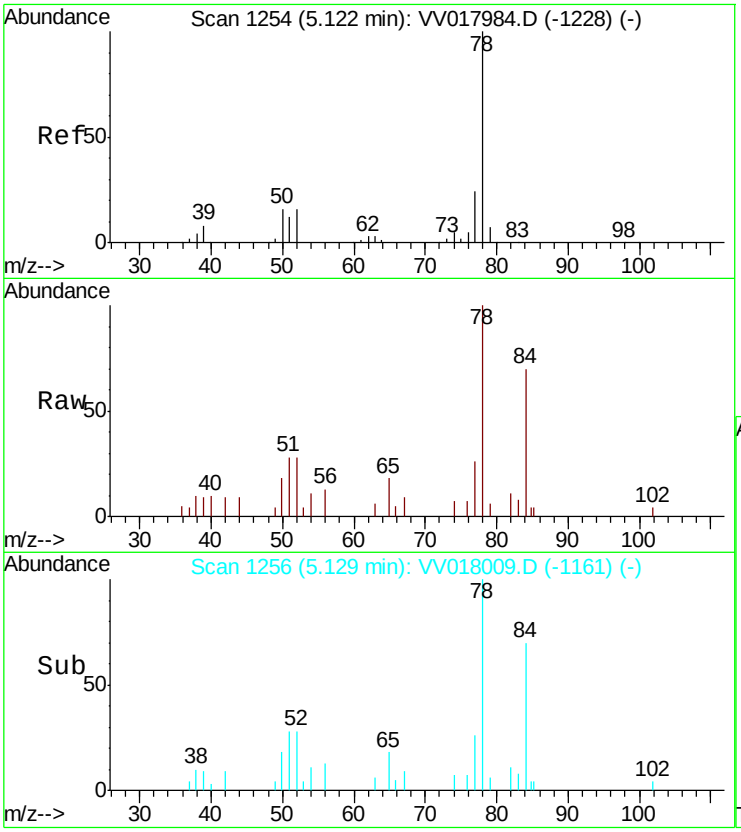


#20
cis-1,2-Dichloroethene
Concen: 3238.615 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion: 96 Resp: 5942505

Ion	Ratio	Lower	Upper
96	100		
61	131.3	95.0	176.4
68	0.0	0.0	0.0

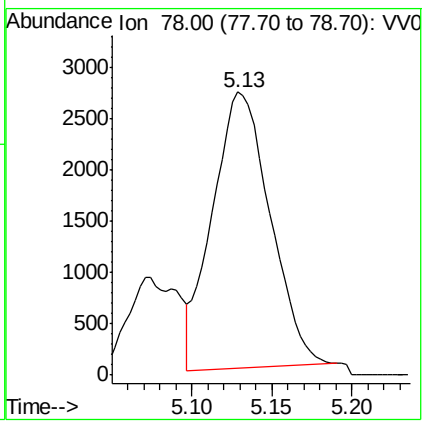


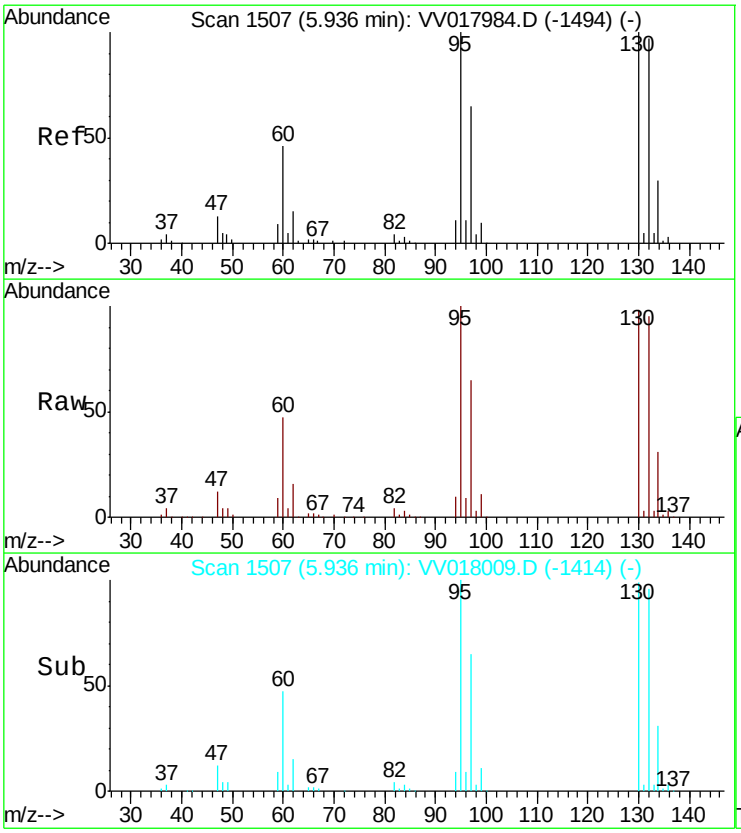


#33
Benzene
Concen: 0.903 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument :
MSVOA_V
ClientSampleId :
F4L37

Tgt Ion: 78 Resp: 6696

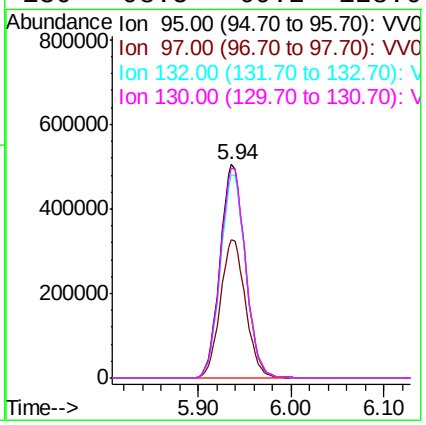


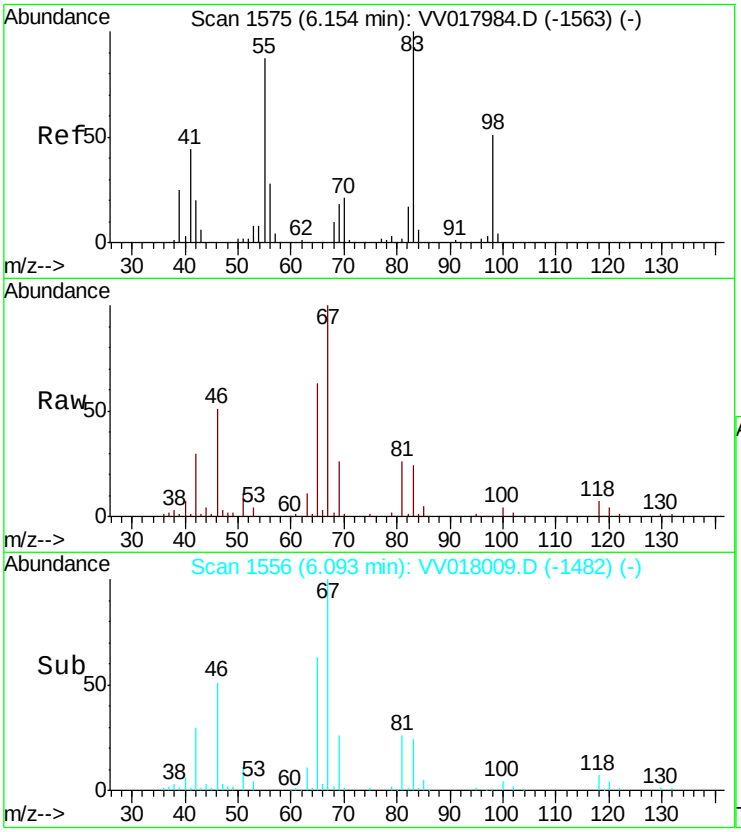


#34
Trichloroethene
Concen: 484.617 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion: 95 Resp: 950119

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.0	85.4
132	95.2	65.8	122.2
130	98.5	69.2	128.6



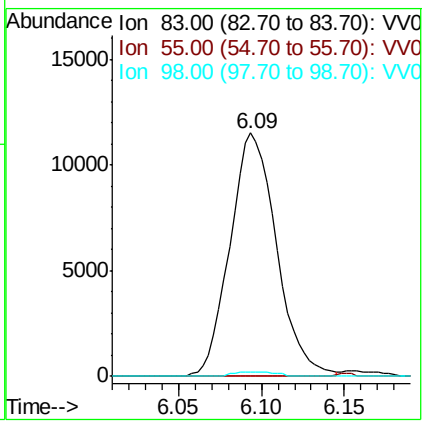


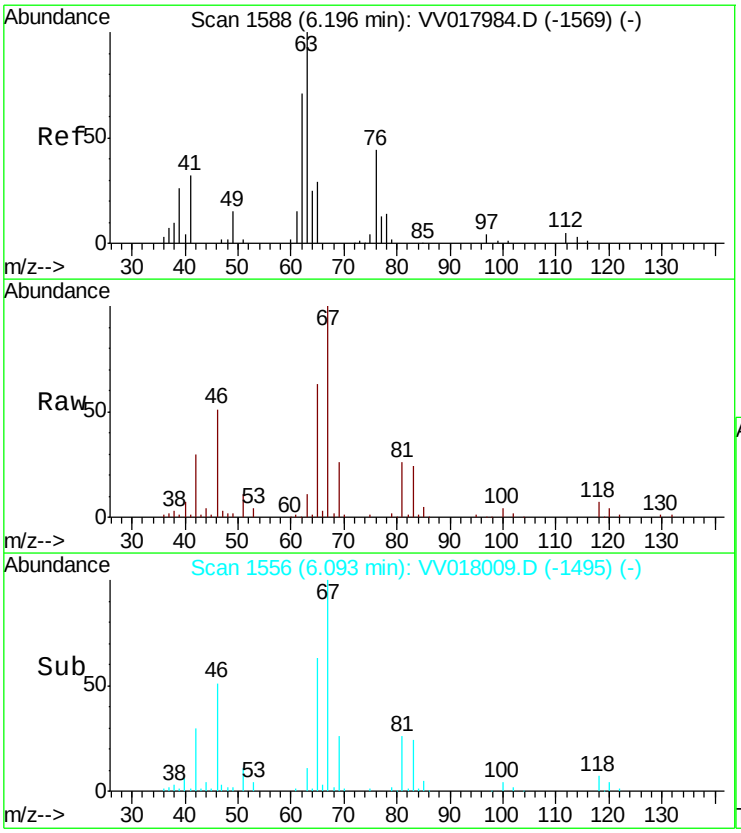
#35
Methylcyclohexane
Concen: 7.709 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument : MSVOA_V
ClientSampleId : F4L37

Tgt Ion: 83 Resp: 22473

Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.9	97.3#
98	1.6	38.7	58.1#

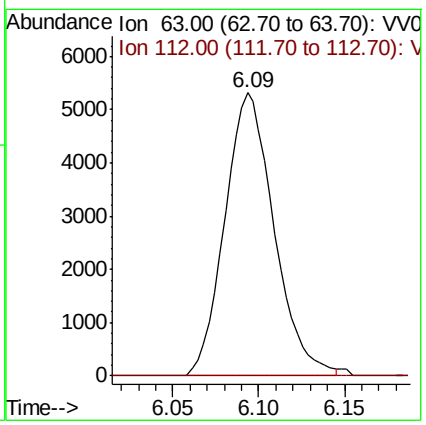


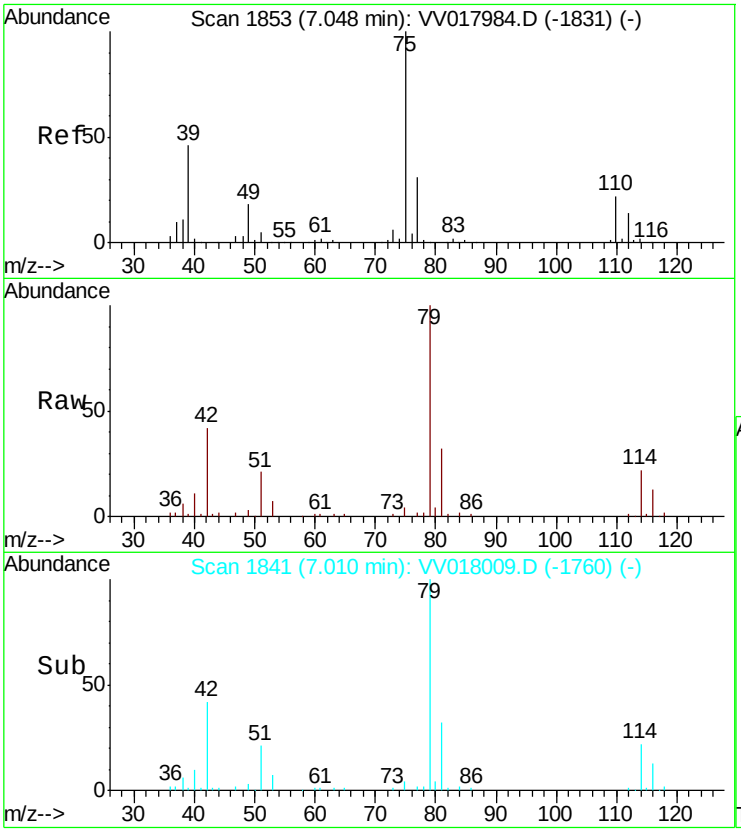


#37
1,2-Dichloropropane
Concen: 5.246 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion: 63 Resp: 10611

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



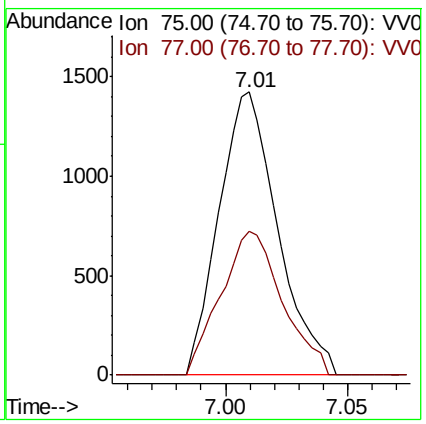


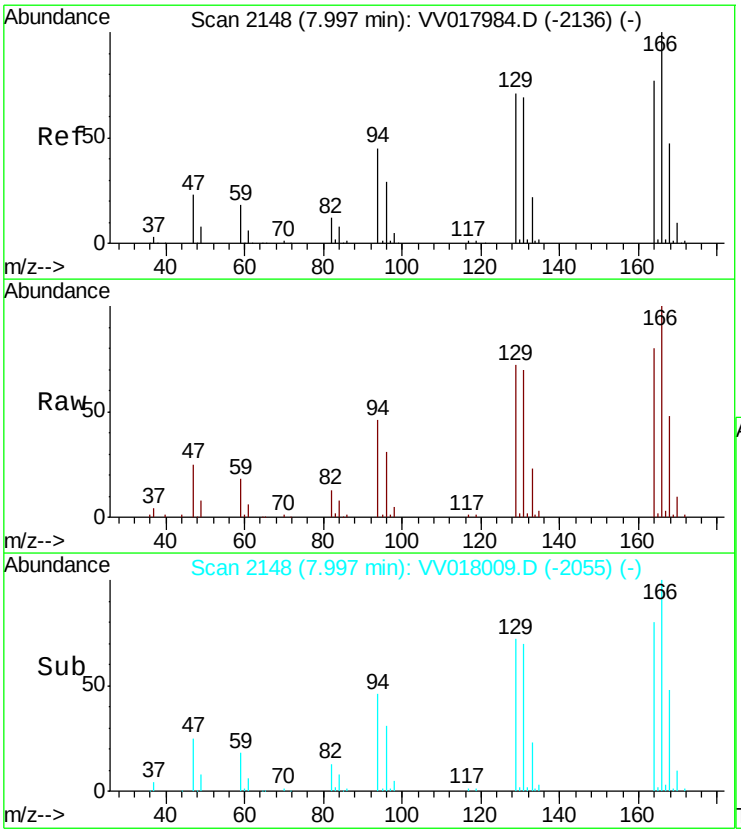
#39
cis-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument : MSVOA_V
ClientSampleId : F4L37

Tgt Ion: 75 Resp: 2378

Ion	Ratio	Lower	Upper
75	100		
77	50.8	22.3	41.5#

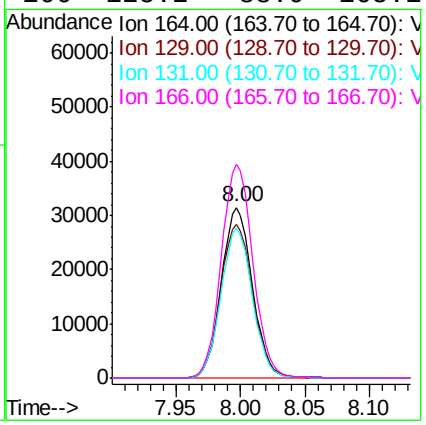


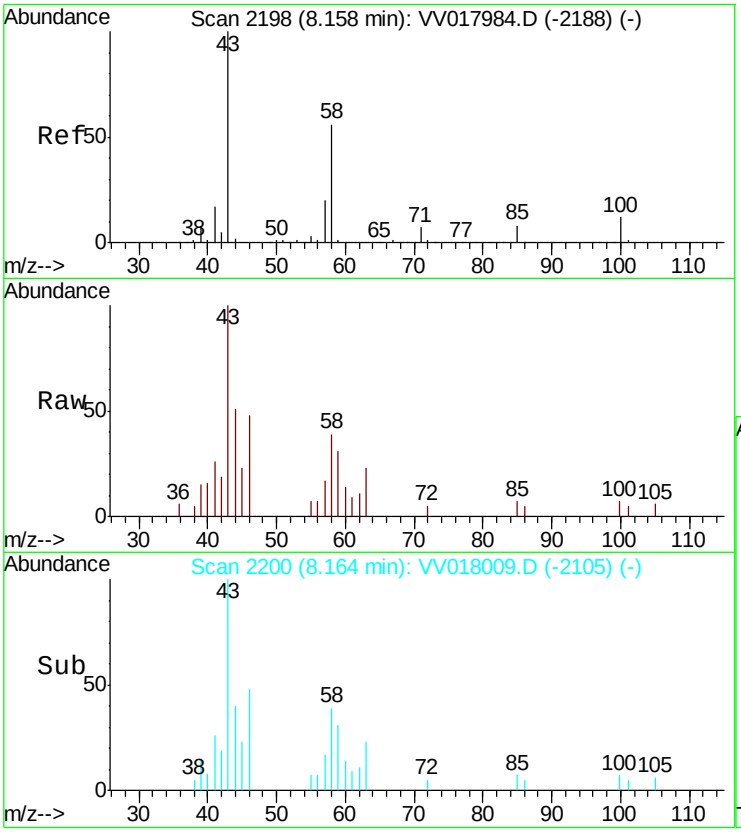


#46
Tetrachloroethene
Concen: 36.716 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion:164 Resp: 52793

Ion	Ratio	Lower	Upper
164	100		
129	90.3	64.8	120.3
131	88.1	64.5	119.9
166	125.2	88.9	165.1



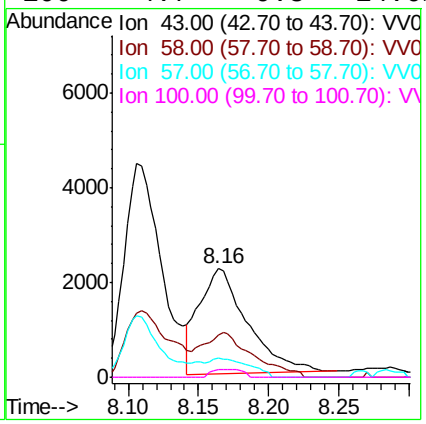


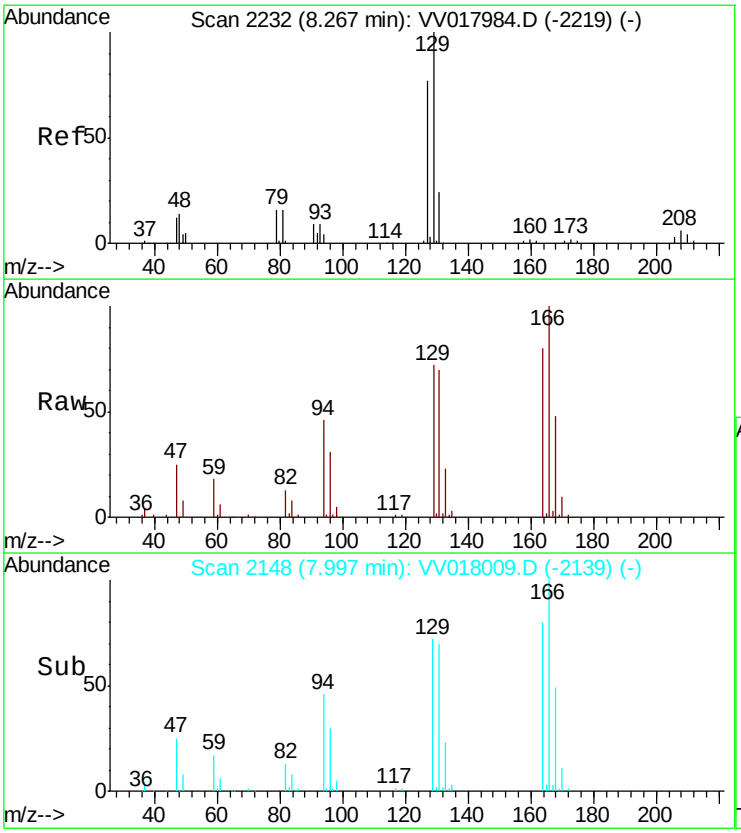
#48
2-Hexanone
Concen: 2.504 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument : MSVOA_V
ClientSampleId : F4L37

Tgt Ion: 43 Resp: 5339

Ion	Ratio	Lower	Upper
43	100		
58	44.0	44.4	66.6#
57	14.4	15.2	22.8#
100	4.7	9.8	14.6#

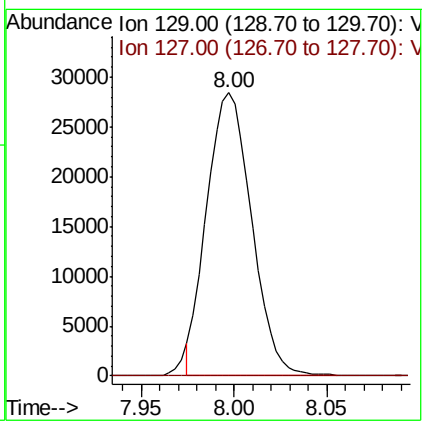


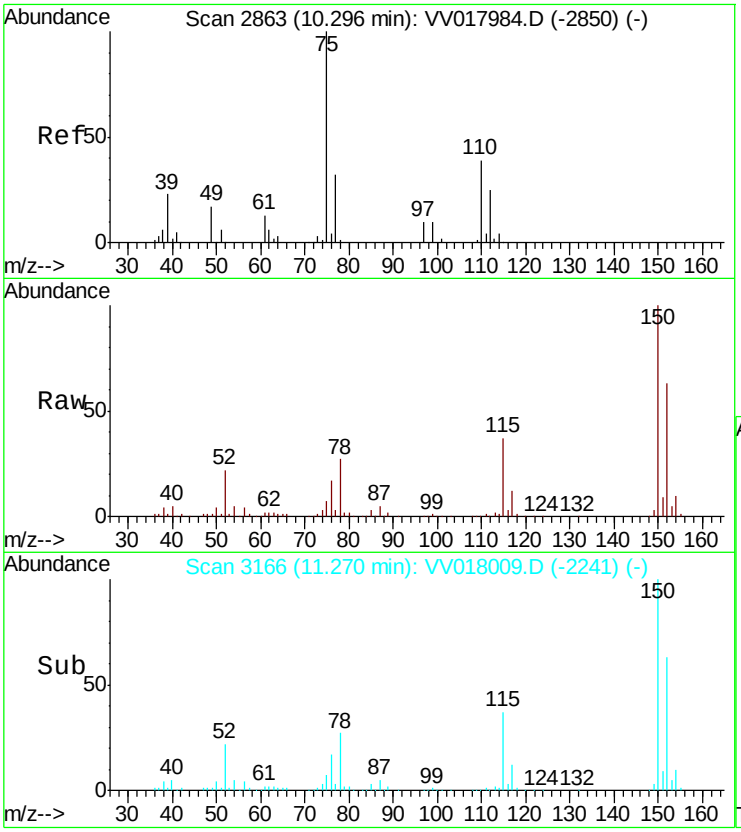


#49
Dibromochloromethane
Concen: 26.064 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Tgt Ion:129 Resp: 47655

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#59
1,2,3-Trichloropropane
Concen: 5.416 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018009.D
Acq: 14 Aug 2020 20:10

Instrument :
MSVOA_V
ClientSampleId :
F4L37

Tgt Ion: 75 Resp: 13529

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.7	38.5