Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011596.D
Acq On : 19 Jun 2019 01:34
Operator : SY/MD
Sample : K3386-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M88

Quant Time: Jun 19 07:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169057	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54812	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40348	3.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.20%			
7) Chloroethane-d5	1.57	69	31880	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.12	63	91334	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	3.95	46	198079	55.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.30%			
24) Chloroform-d	4.40	84	106812	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.08	65	68422	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.09	84	203152	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.12	67	70573	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.36	98	160294	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	7.66	79	18733	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.14	63	143670	53.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52689	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	54913	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2570	0.157	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	909	0.090	ug/L #	34
12) 1,1-Dichloroethene	2.13	96	48790	4.640	ug/L	96
13) Acetone	2.20	43	5672	2.343	ug/L	95
15) Methyl Acetate	2.39	43	45268	7.055	ug/L #	56
16) Methylene chloride	2.52	84	1556	0.130	ug/L	83
19) 1,1-Dichloroethane	3.22	63	10485	0.426	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	81255	6.033	ug/L	95
25) Chloroform	4.42	83	7046	0.286	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	21589	1.182	ug/L	100
31) Carbon tetrachloride	4.65	117	2555	0.173	ug/L	99
34) Trichloroethene	5.96	95	836685	68.433	ug/L	99
35) Methylcyclohexane	6.12	83	17439	1.000	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8502	0.666	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1218	0.099	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011596.D
Acq On : 19 Jun 2019 01:34
Operator : SY/MD
Sample : K3386-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Quant Time: Jun 19 07:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011596.D
Acq On : 19 Jun 2019 01:34
Operator : SY/MD
Sample : K3386-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
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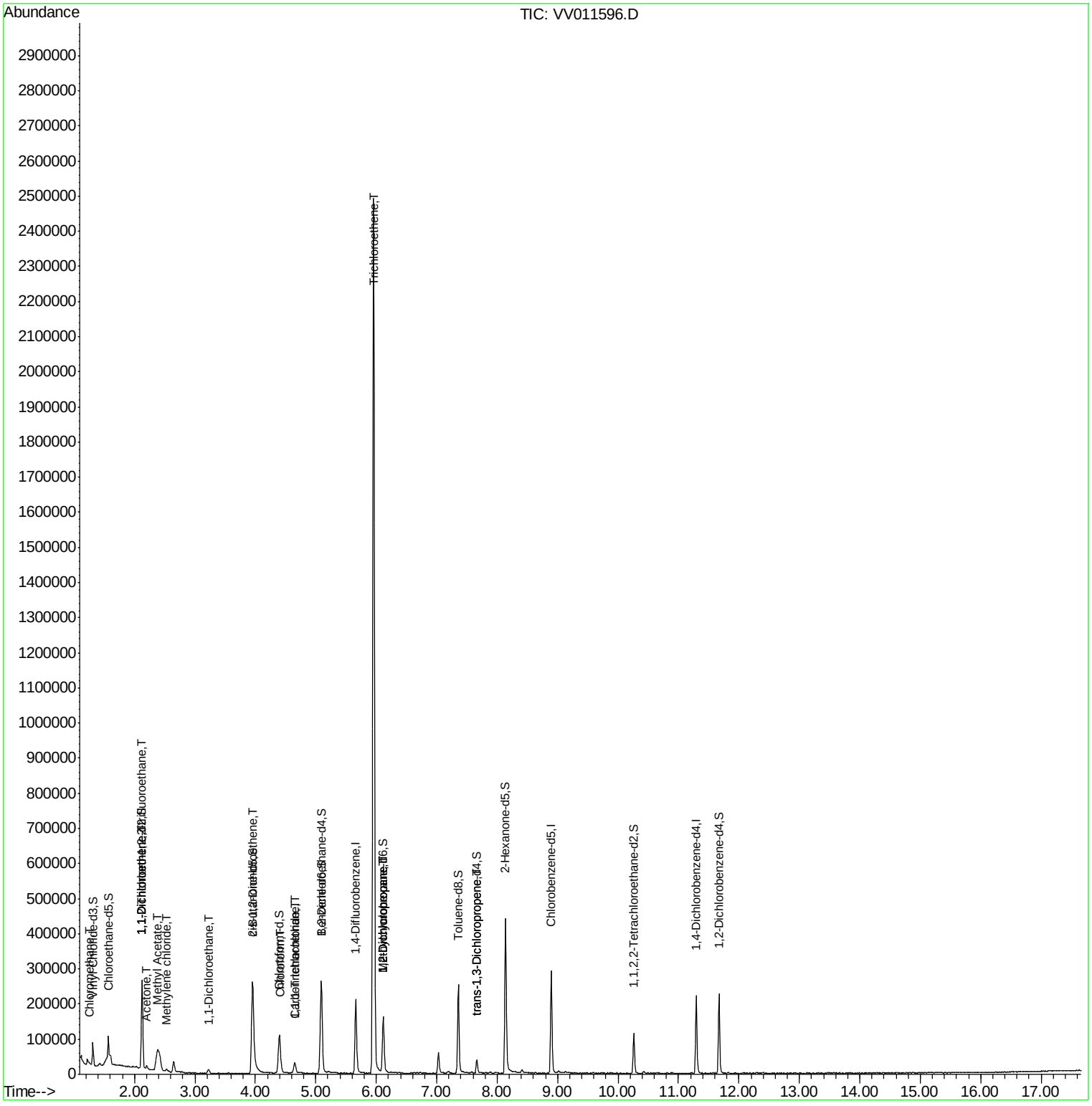
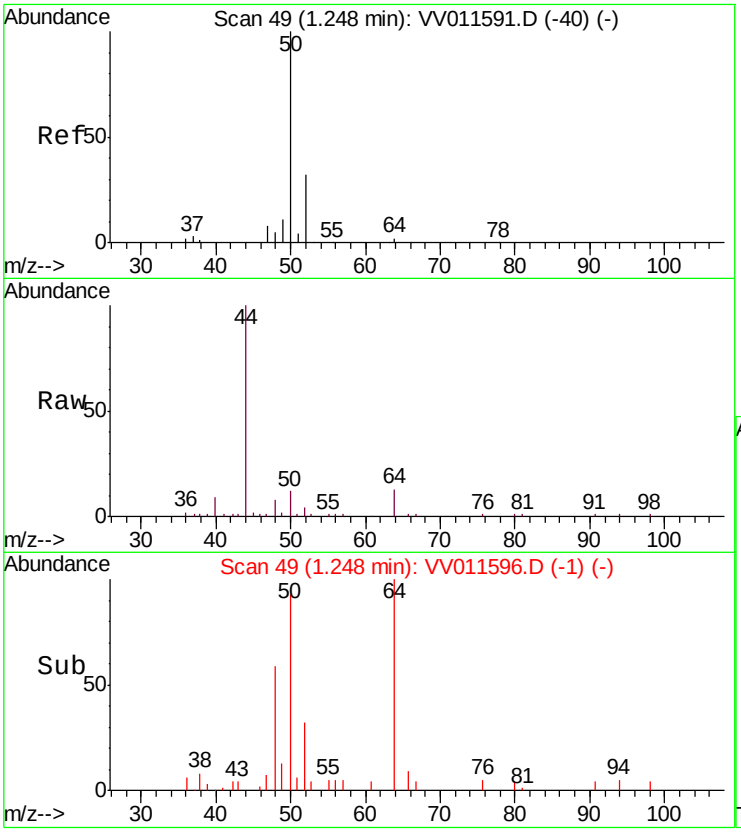
Quant Time: Jun 19 07:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration



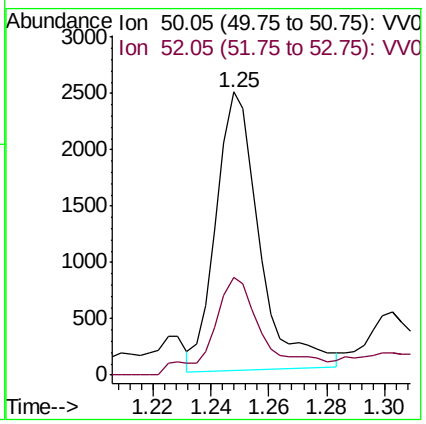


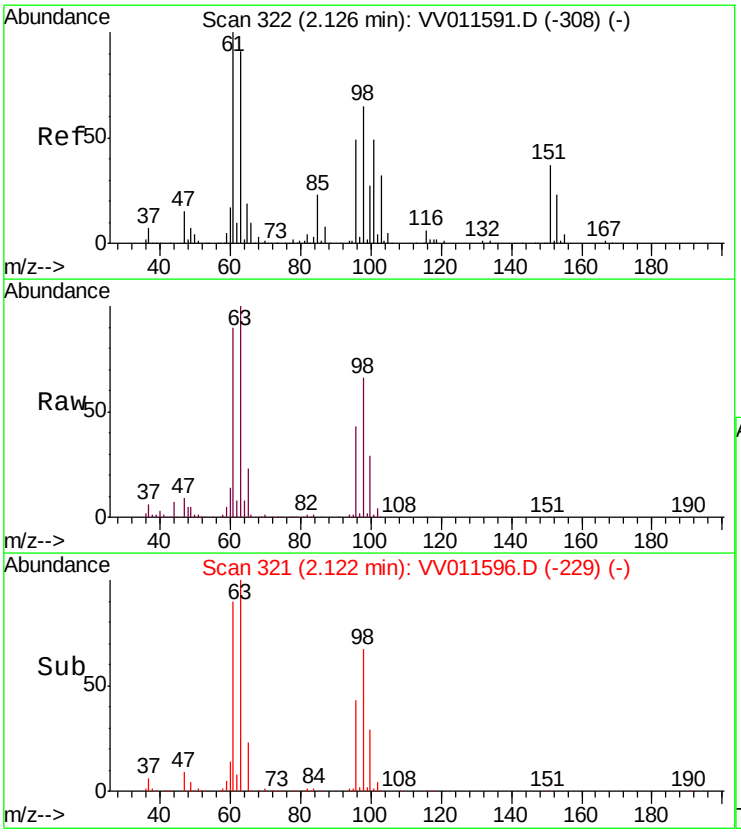
#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Tgt Ion: 50 Resp: 2570

Ion	Ratio	Lower	Upper
50	100		
52	34.6	22.7	42.1

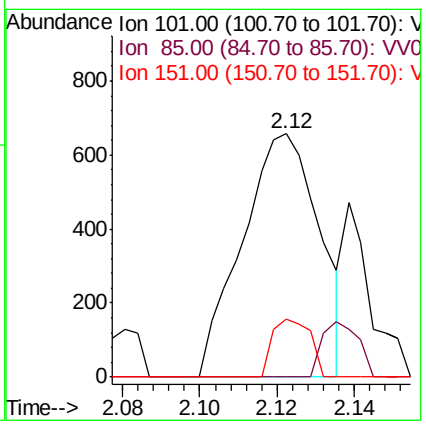


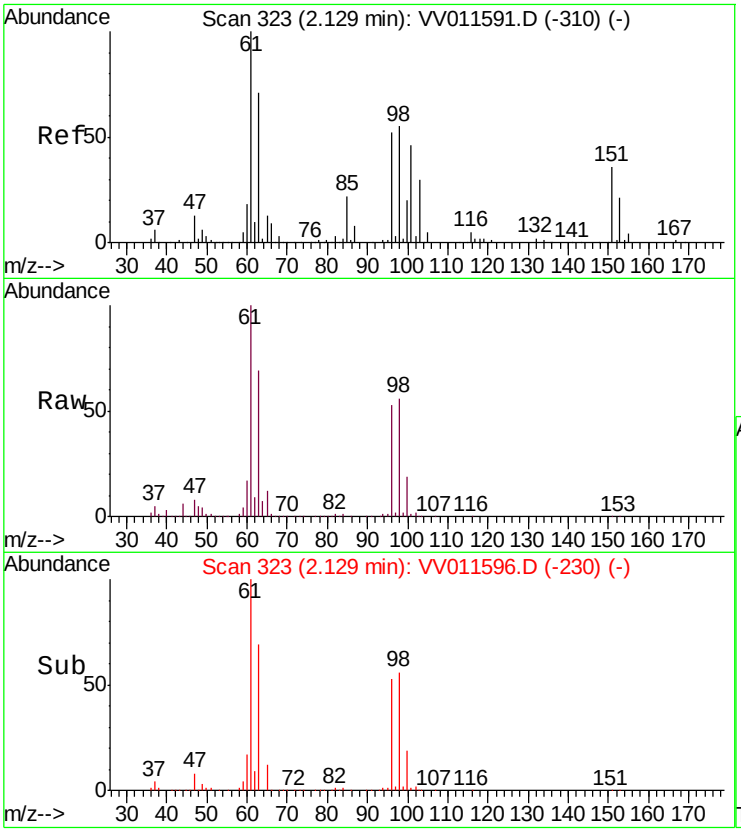


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion:101 Resp: 909

Ion	Ratio	Lower	Upper
101	100		
85	10.5	37.3	55.9#
151	11.8	59.4	89.2#



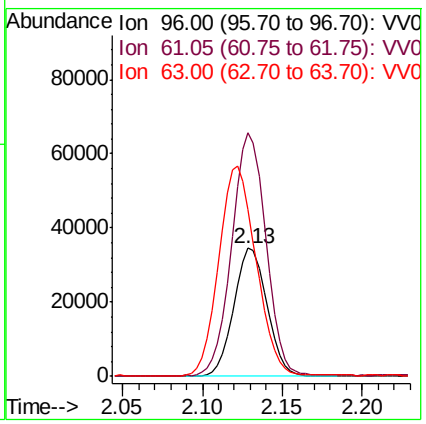


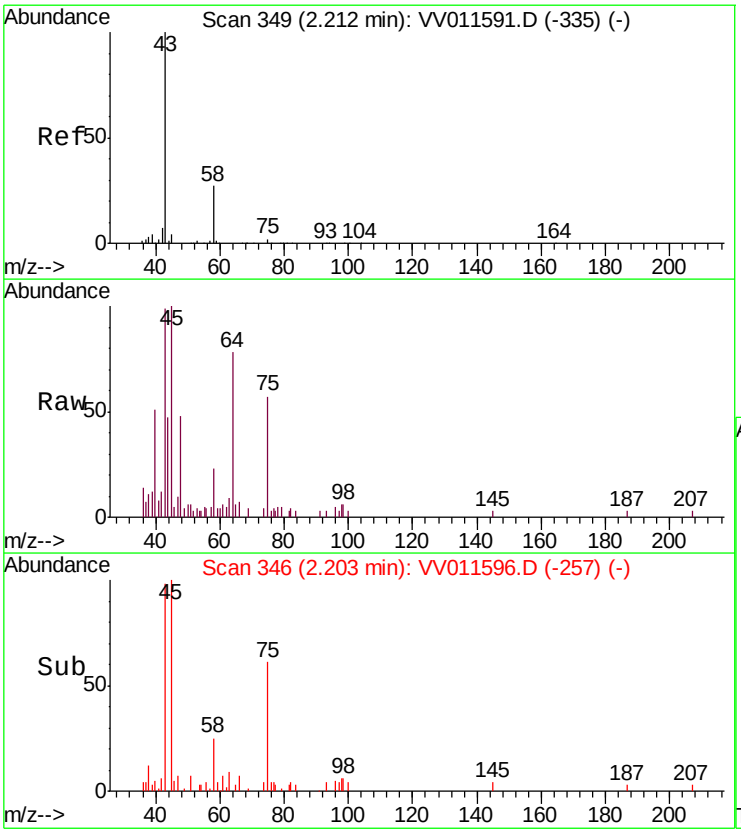
#12
1,1-Dichloroethene
Concen: 4.640 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Tgt Ion: 96 Resp: 48790

Ion	Ratio	Lower	Upper
96	100		
61	190.0	135.9	252.5
63	130.7	86.2	160.2

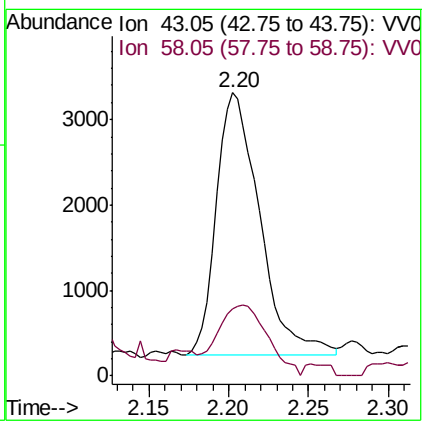


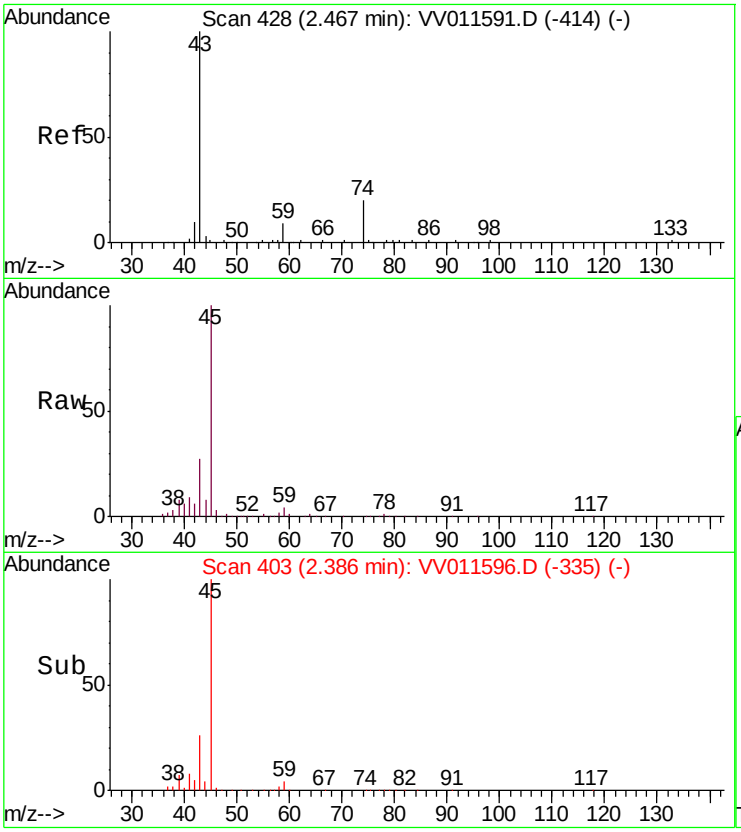


#13
Acetone
Concen: 2.343 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 43 Resp: 5672

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	57.8



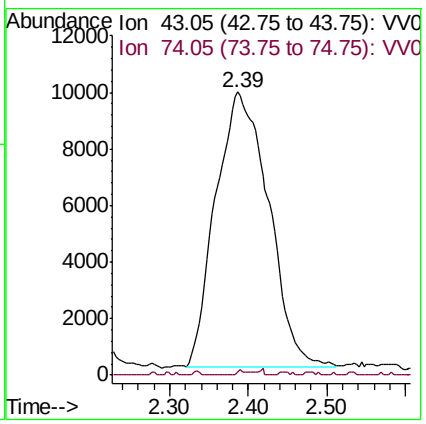


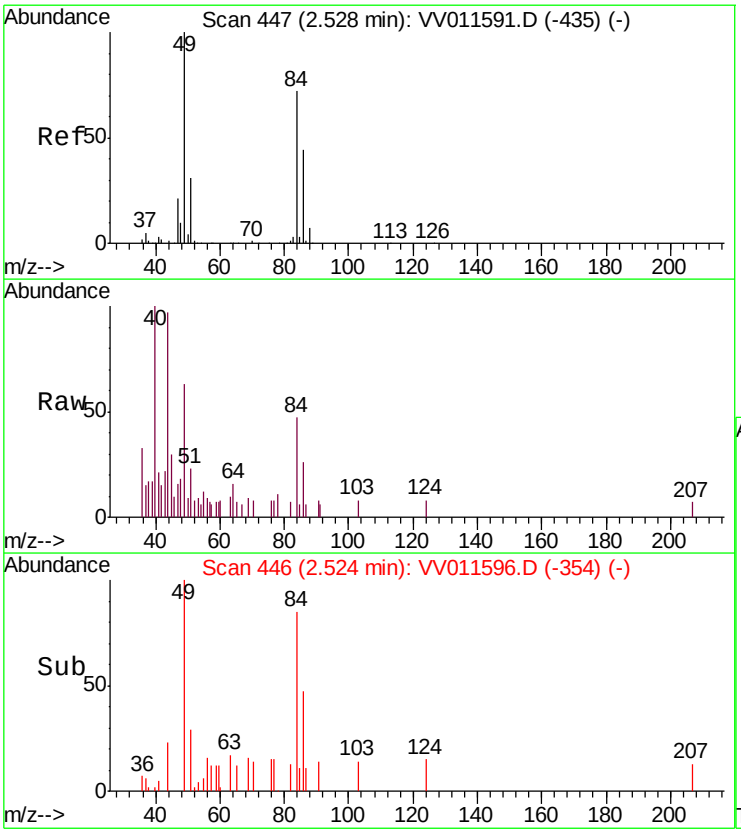
#15
Methyl Acetate
Concen: 7.055 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.08 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Tgt Ion: 43 Resp: 45268

Ion	Ratio	Lower	Upper
43	100		
74	0.3	16.5	24.7#

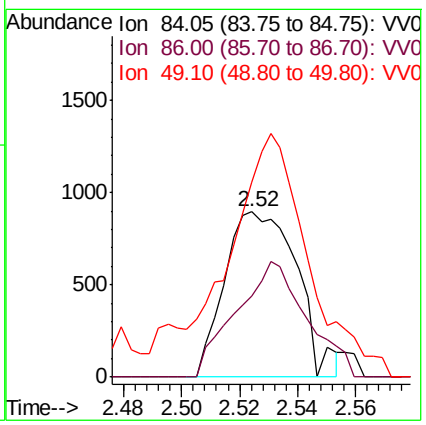


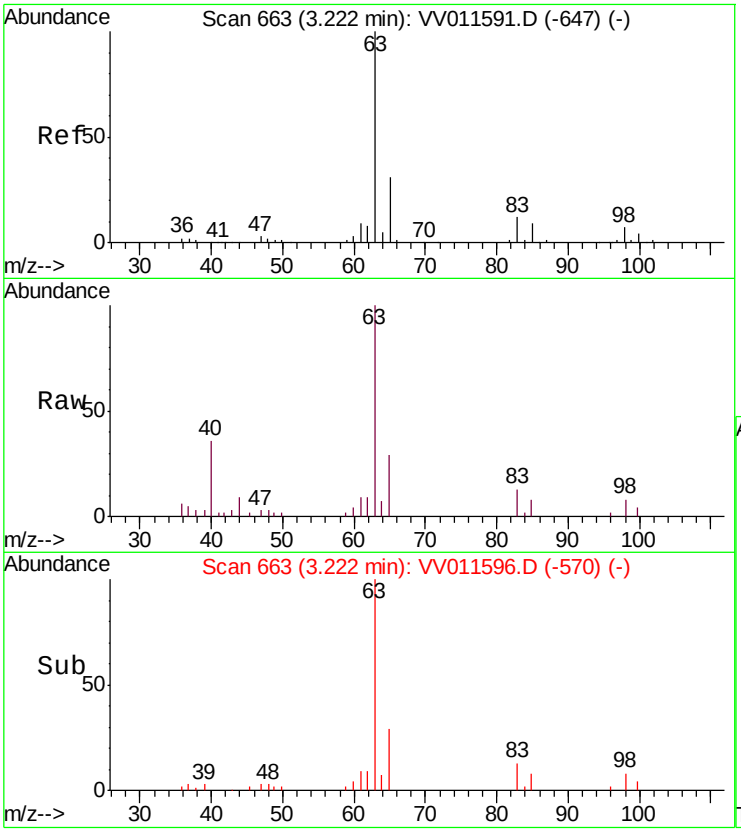


#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 84 Resp: 1556

Ion	Ratio	Lower	Upper
84	100		
86	49.0	42.5	78.9
49	118.0	97.7	181.5



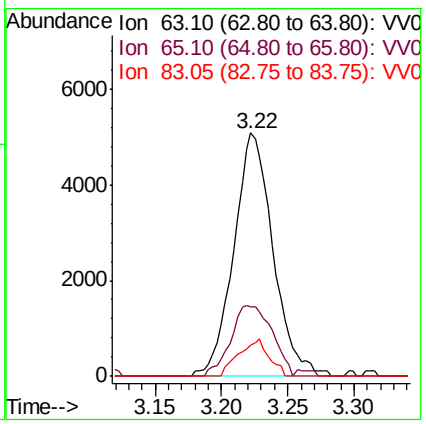


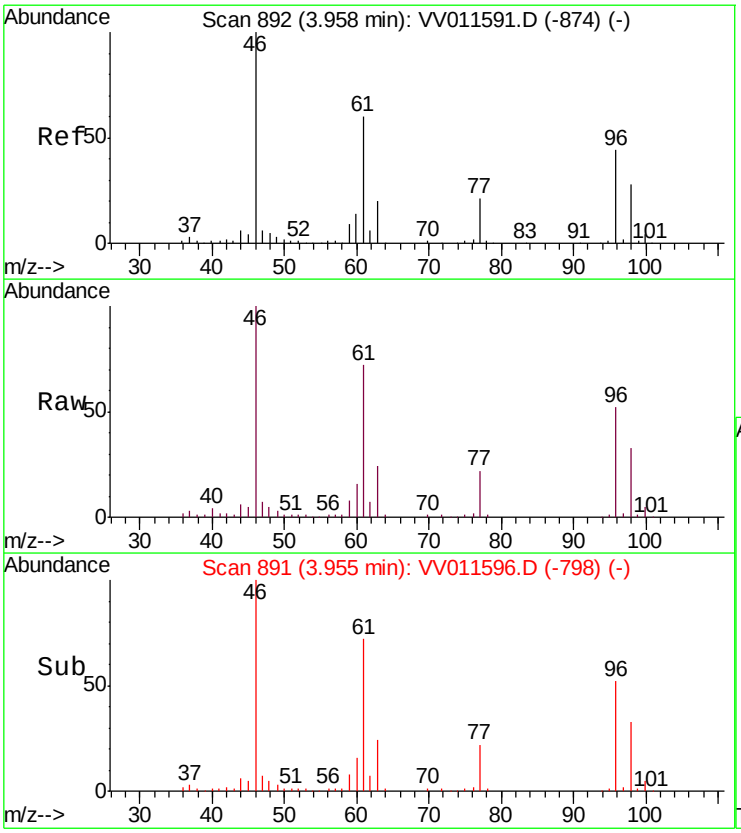
#19
1,1-Dichloroethane
Concen: 0.426 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument : MSVOA_V
ClientSampleId : C0M88

Tgt Ion: 63 Resp: 10485

Ion	Ratio	Lower	Upper
63	100		
65	28.6	22.5	41.9
83	12.9	10.1	18.9

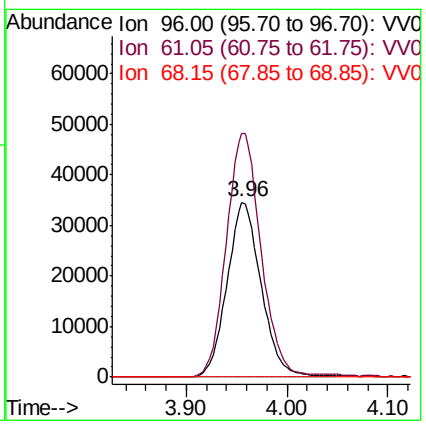


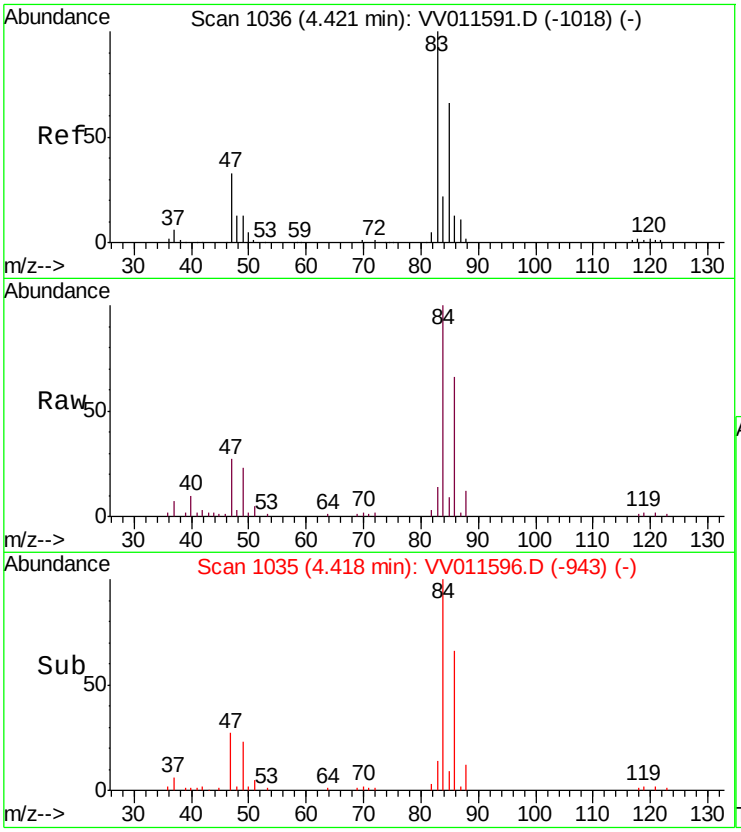


#22
cis-1,2-Dichloroethene
Concen: 6.033 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 96 Resp: 81255

Ion	Ratio	Lower	Upper
96	100		
61	139.6	102.2	189.8
68	0.0	0.0	0.0



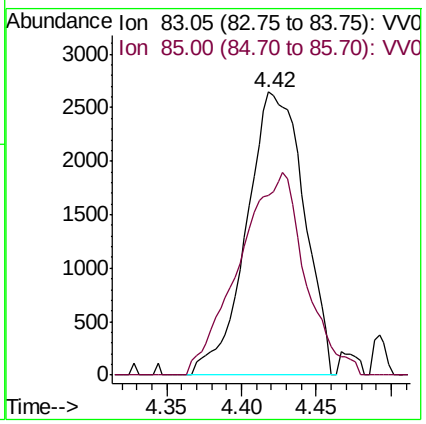


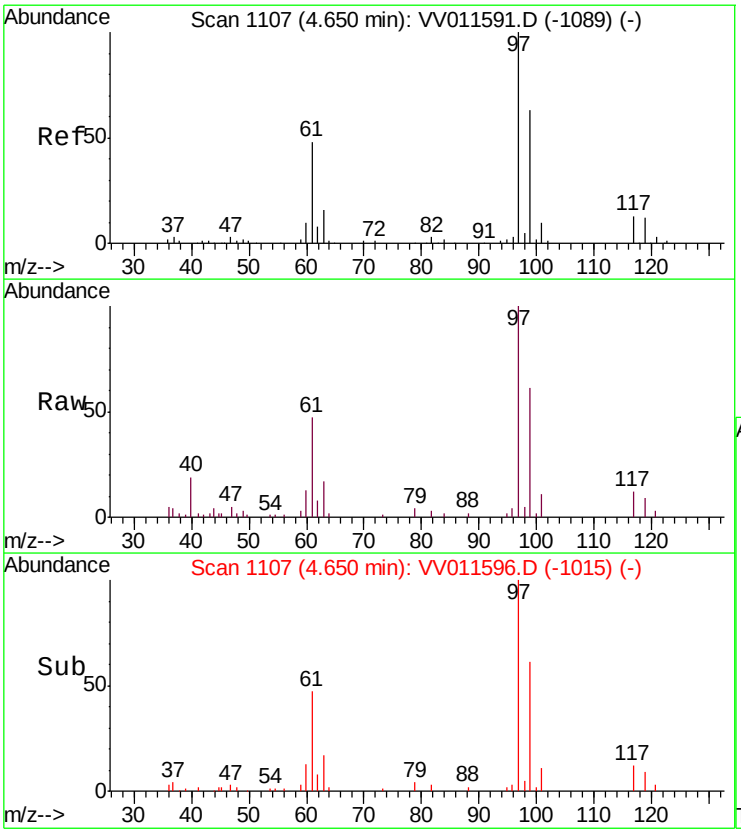
#25
Chloroform
Concen: 0.286 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Tgt Ion: 83 Resp: 7046

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.6	82.8

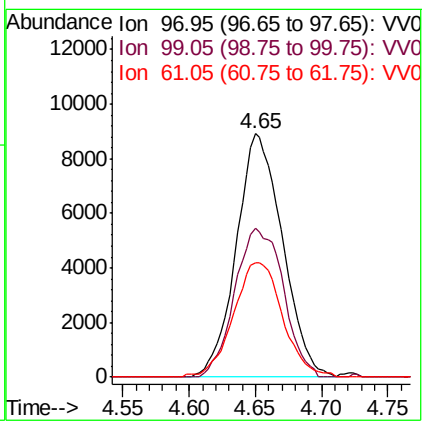


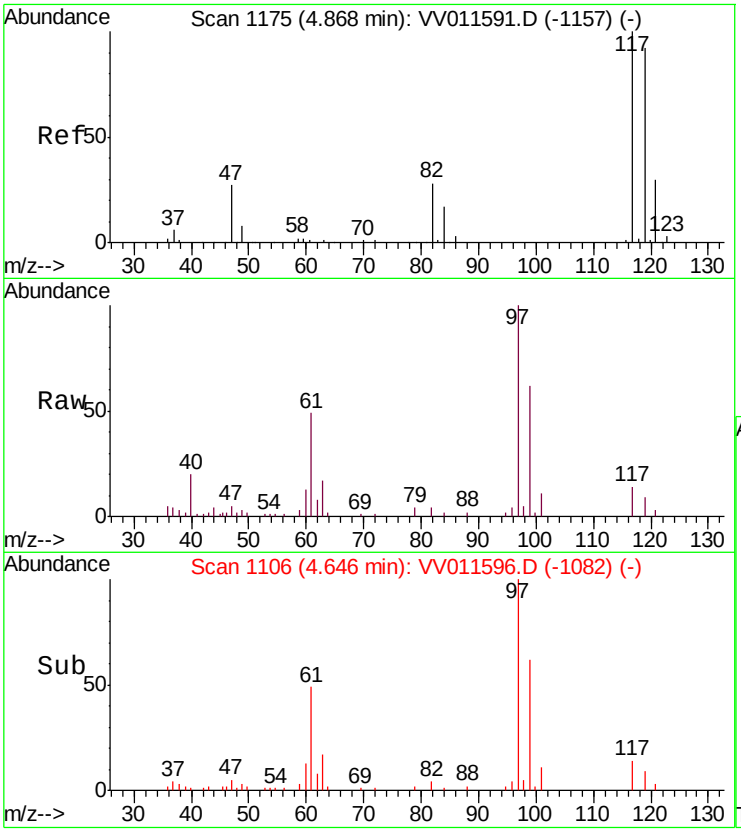


#29
1,1,1-Trichloroethane
Concen: 1.182 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 97 Resp: 21589

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	50.3	40.4	60.6



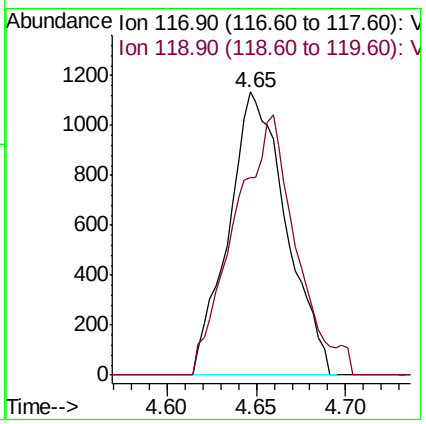


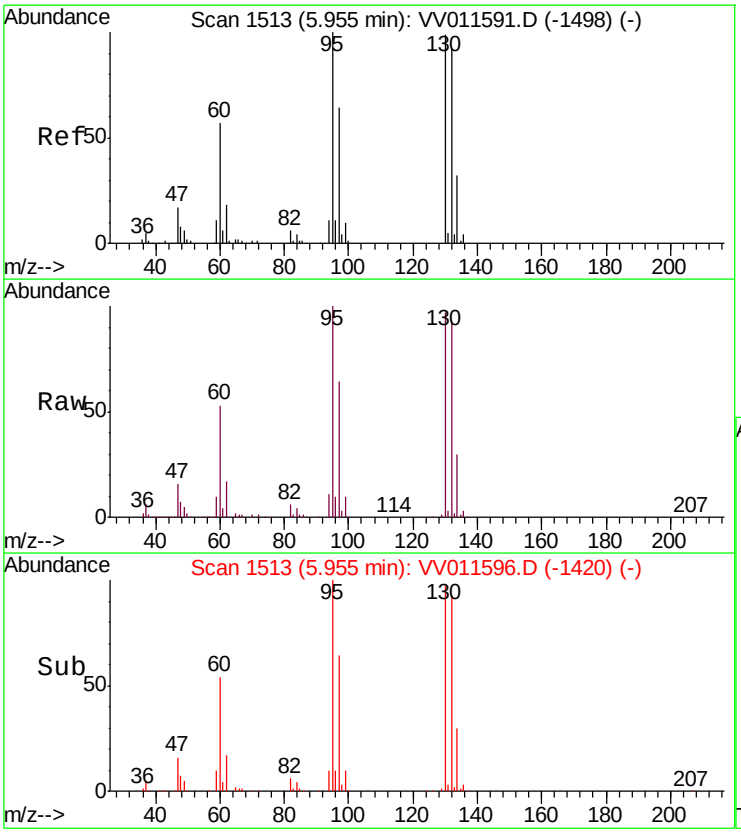
#31
Carbon tetrachloride
Concen: 0.173 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.22 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument : MSVOA_V
ClientSampleId : C0M88

Tgt Ion:117 Resp: 2555

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.2

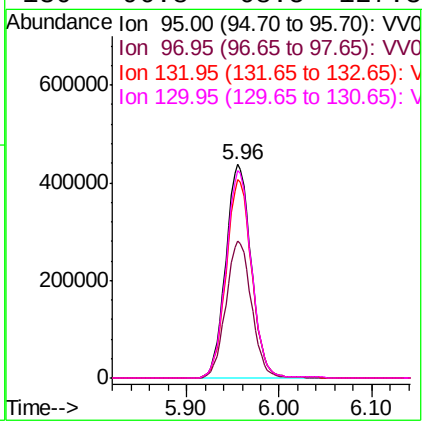


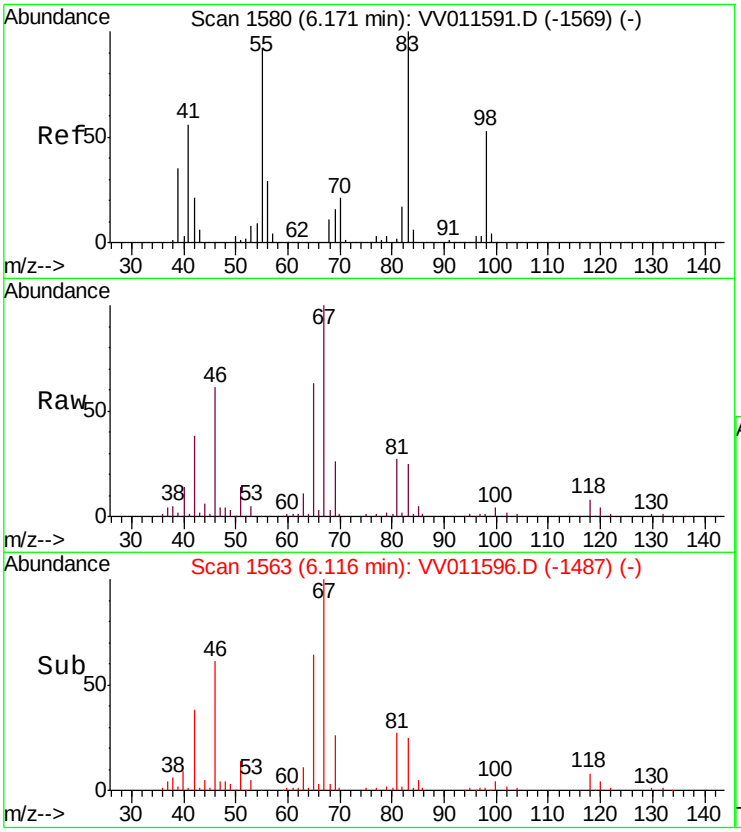


#34
Trichloroethene
Concen: 68.433 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 95 Resp: 836685

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	92.6	63.5	117.9
130	96.8	68.5	127.3



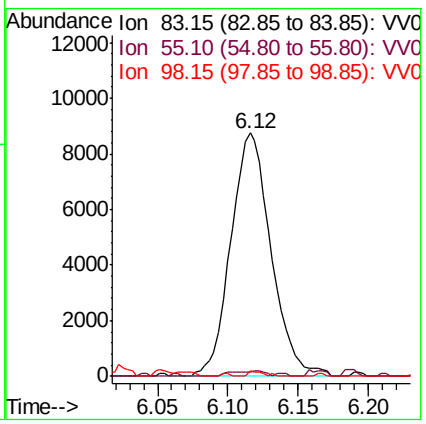


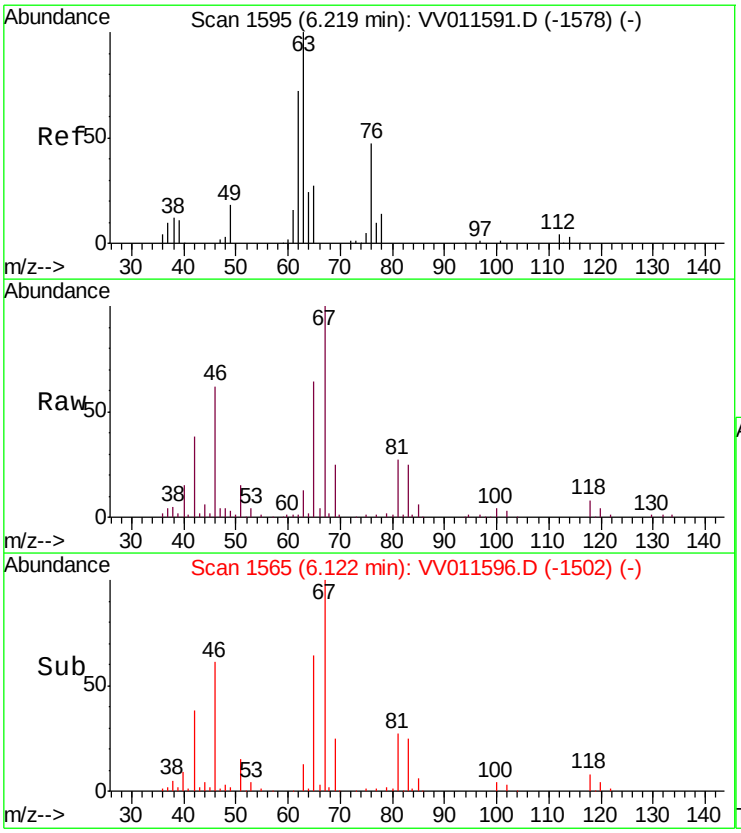
#35
Methylcyclohexane
Concen: 1.000 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument : MSVOA_V
ClientSampleId : C0M88

Tgt Ion: 83 Resp: 17439

Ion	Ratio	Lower	Upper
83	100		
55	1.8	67.9	101.9#
98	0.0	39.6	59.4#

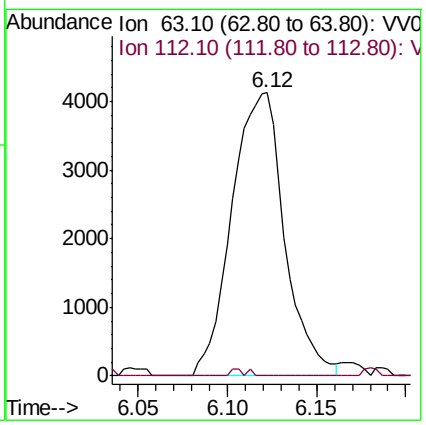


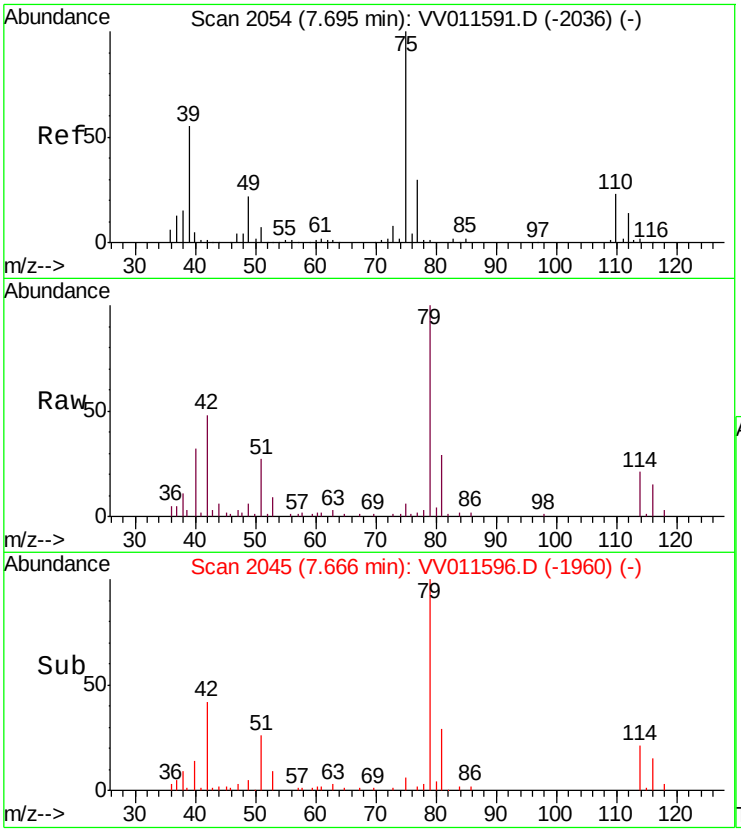


#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Tgt Ion: 63 Resp: 8502

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.7	5.5#





#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011596.D
Acq: 19 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampleId :
C0M88

Tgt Ion: 75 Resp: 1218

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.8	42.4