Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013346.D
Acq On : 25 Oct 2019 15:20
Operator : SY/MD
Sample : K5457-04
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K09

Quant Time: Oct 26 01:24:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	445974	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	470215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	249793	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	182947	5.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.20%			
7) Chloroethane-d5	1.58	69	145342	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.13	63	253552	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.60%			
20) 2-Butanone-d5	3.97	46	412916	65.39	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 130.78%#			
24) Chloroform-d	4.40	84	358624	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.08	65	173276	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	793183	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.12	67	233278	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.36	98	694104	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.66	79	79604	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.14	63	261931	42.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146898	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	263327	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	5052	0.118	ug/L	90
5) Vinyl chloride	1.32	62	11756	0.273	ug/L #	66
12) 1,1-Dichloroethene	2.14	96	81390	2.321	ug/L #	76
18) trans-1,2-Dichloroethene	2.79	96	7505	0.182	ug/L	92
19) 1,1-Dichloroethane	3.23	63	17812	0.265	ug/L #	92
22) cis-1,2-Dichloroethene	3.96	96	909751	20.563	ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	7756	0.112	ug/L	97
31) Carbon tetrachloride	4.87	117	14015	0.225	ug/L	98
34) Trichloroethene	5.96	95	958290	19.890	ug/L	96
47) Tetrachloroethene	8.02	164	298093	6.813	ug/L	99

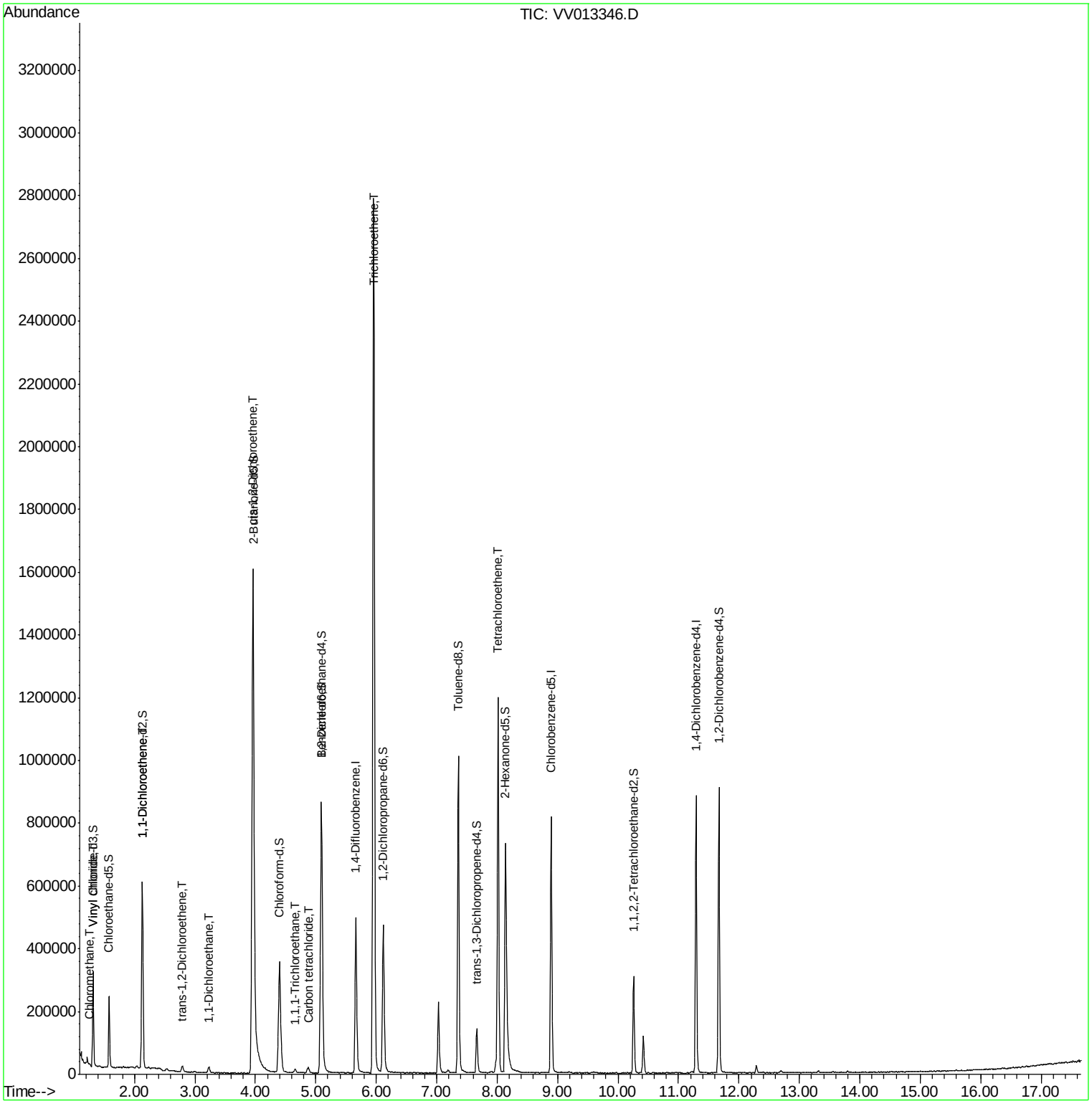
(#) = qualifier out of range (m) = manual integration (+) = signals summed

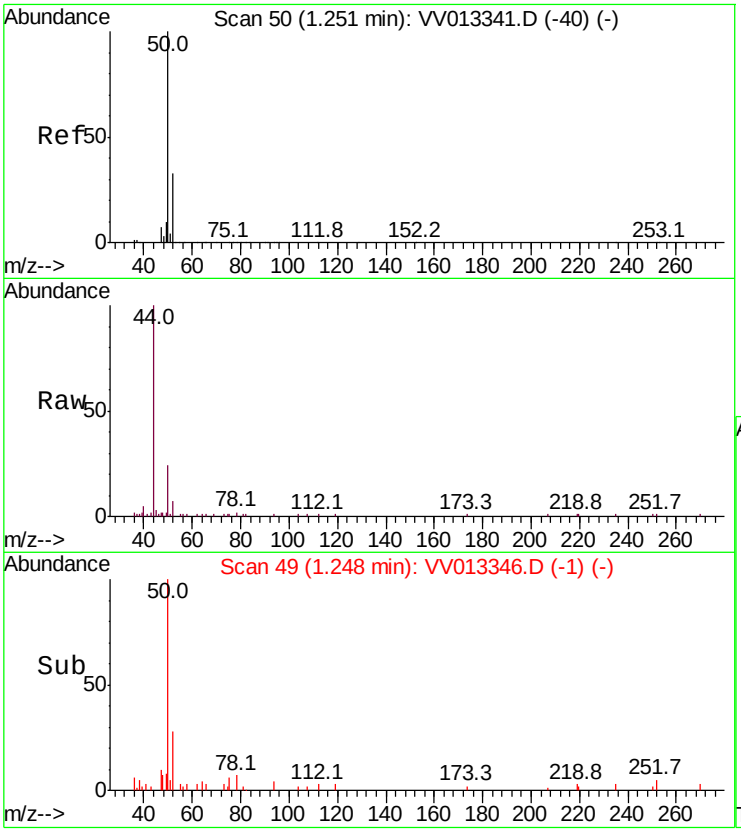
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013346.D
Acq On : 25 Oct 2019 15:20
Operator : SY/MD
Sample : K5457-04
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K09

Quant Time: Oct 26 01:24:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration



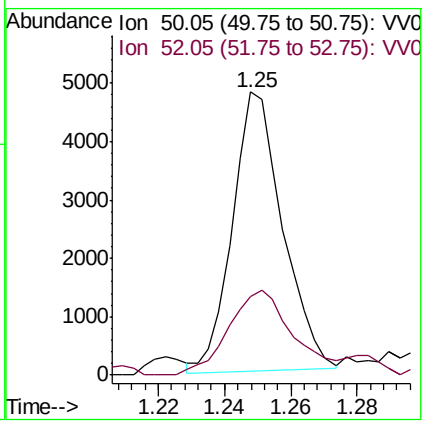


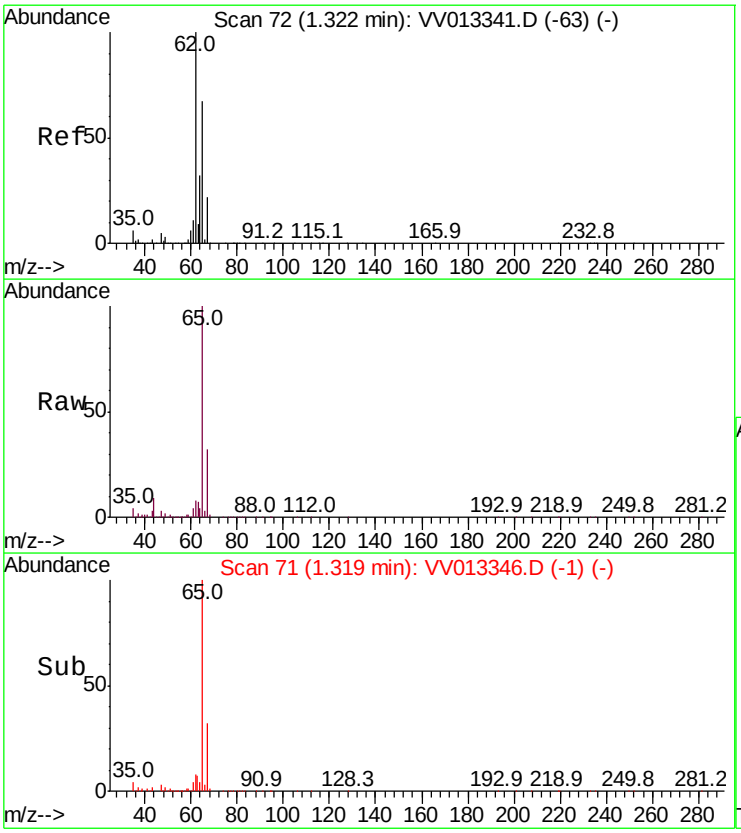
#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Instrument :
MSVOA_V
ClientSampleId :
C0K09

Tgt Ion: 50 Resp: 5052

Ion	Ratio	Lower	Upper
50	100		
52	27.6	23.3	43.3

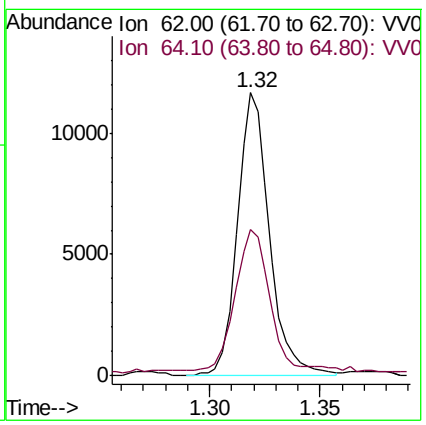


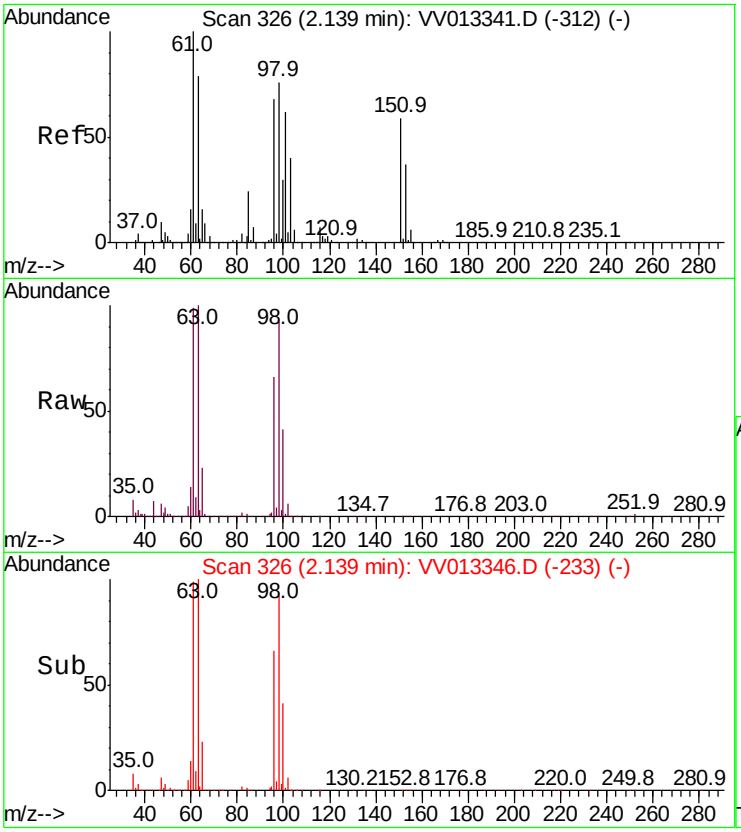


#5
Vinyl chloride
Concen: 0.273 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Tgt Ion: 62 Resp: 11756

Ion	Ratio	Lower	Upper
62	100		
64	51.6	22.9	42.5#



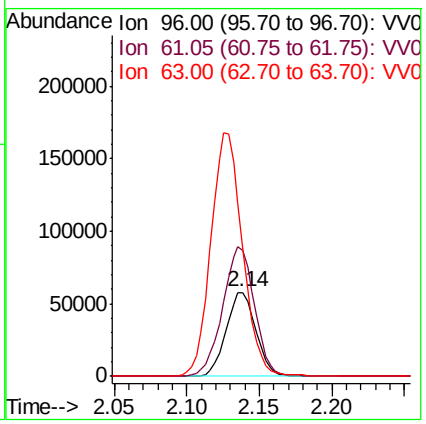


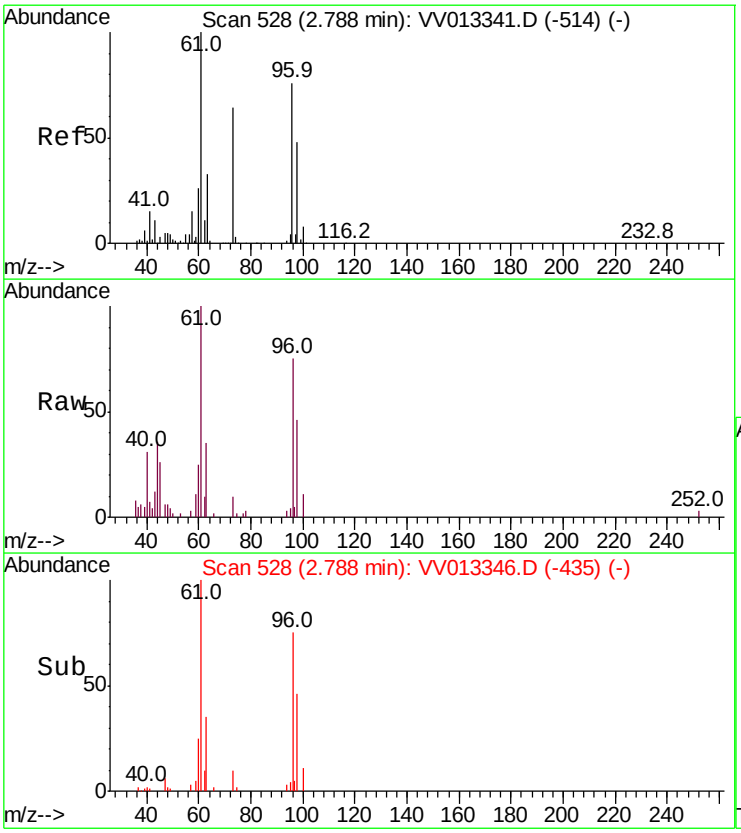
#12
1,1-Dichloroethene
Concen: 2.321 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Instrument :
MSVOA_V
ClientSampleId :
C0K09

Tgt Ion: 96 Resp: 81390

Ion	Ratio	Lower	Upper
96	100		
61	150.9	104.0	193.1
63	152.4	67.1	124.5#

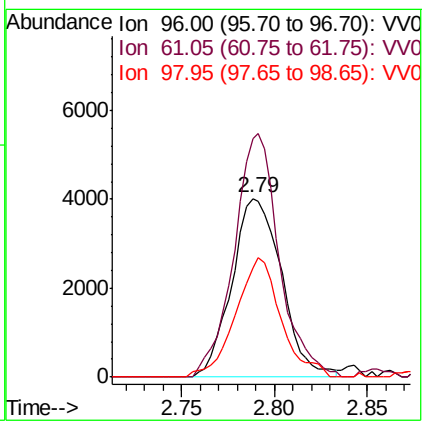


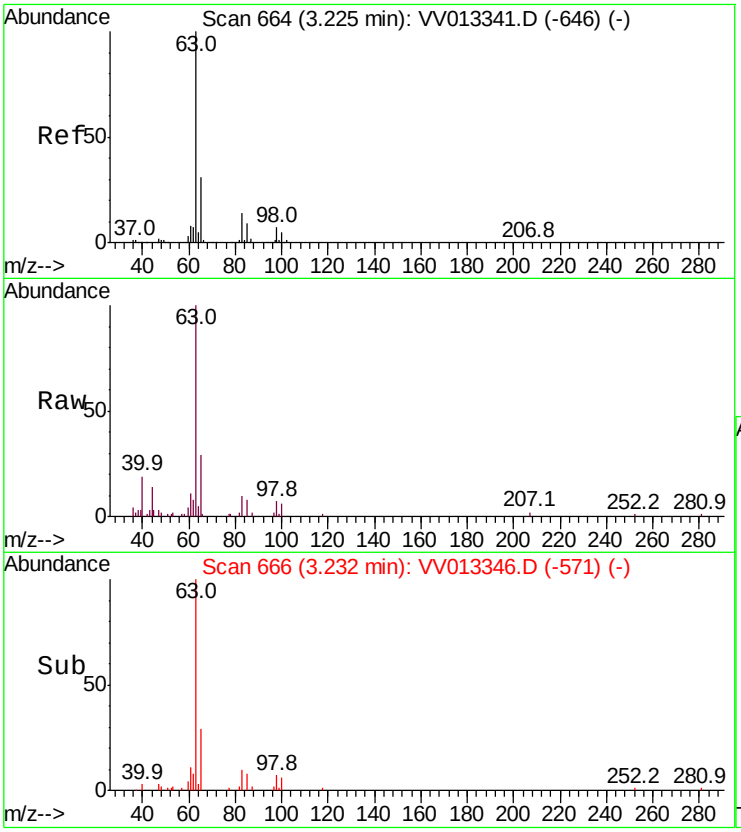


#18
trans-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Tgt Ion: 96 Resp: 7505

Ion	Ratio	Lower	Upper
96	100		
61	133.1	84.4	156.8
98	61.4	44.4	82.4



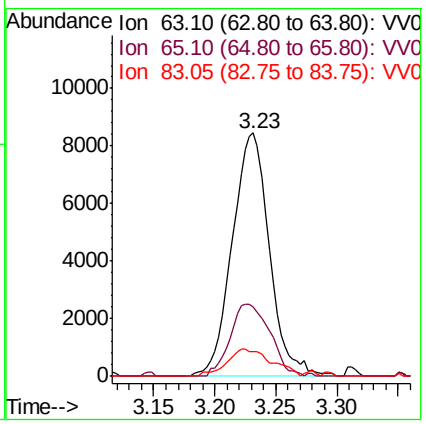


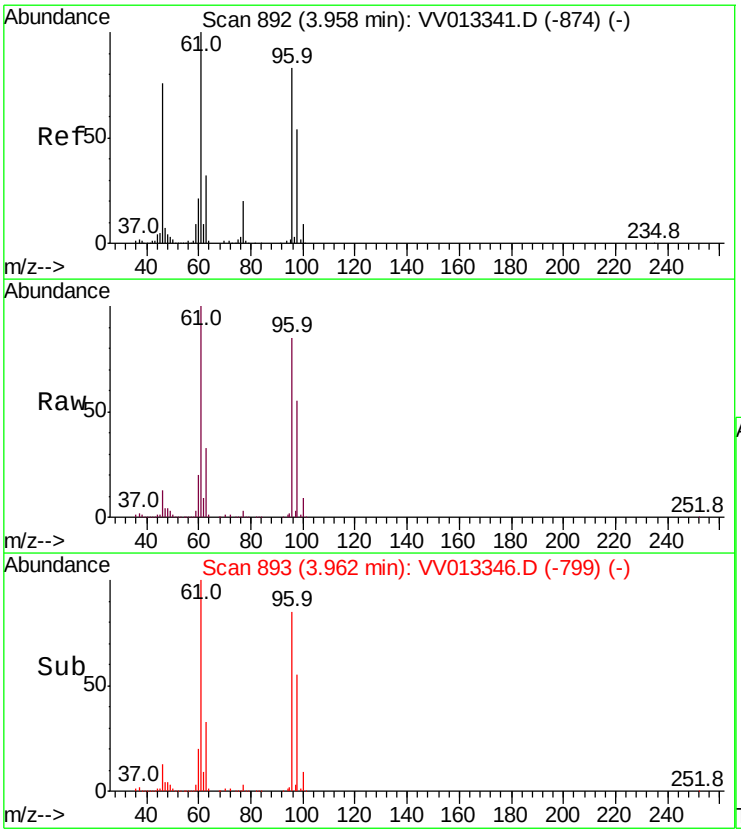
#19
1,1-Dichloroethane
Concen: 0.265 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Instrument :
MSVOA_V
ClientSampleId :
C0K09

Tgt Ion: 63 Resp: 17812

Ion	Ratio	Lower	Upper
63	100		
65	28.7	23.0	42.8
83	10.2	10.2	19.0#

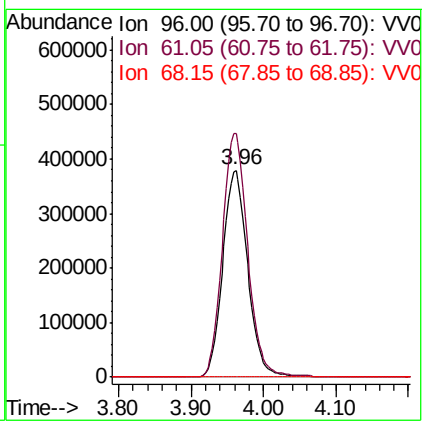


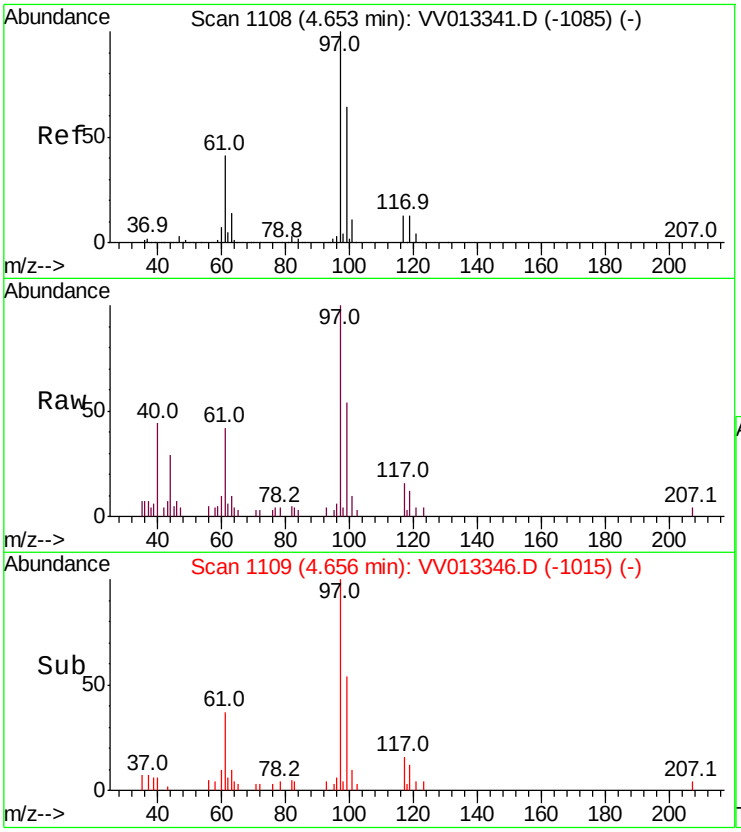


#22
cis-1,2-Dichloroethene
Concen: 20.563 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Tgt Ion: 96 Resp: 909751

Ion	Ratio	Lower	Upper
96	100		
61	117.8	77.3	143.7
68	0.1	0.1	0.1#



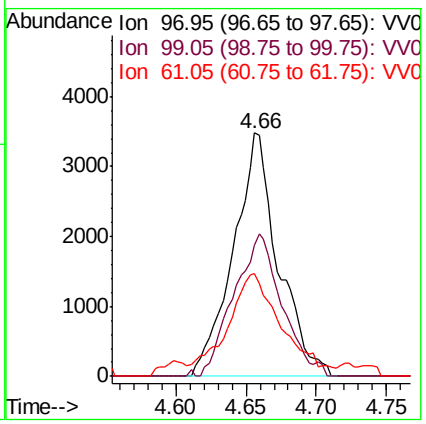


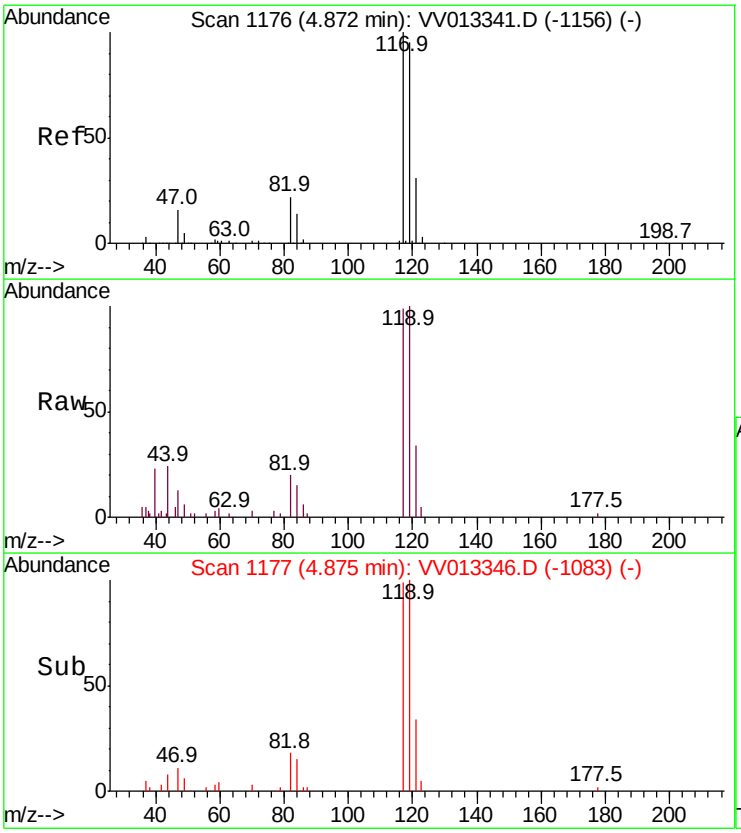
#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Instrument : MSVOA_V
ClientSampleId : C0K09

Tgt Ion: 97 Resp: 7756

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.7	77.5
61	45.3	34.3	51.5

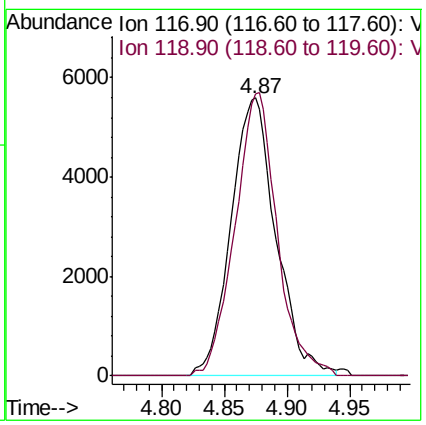


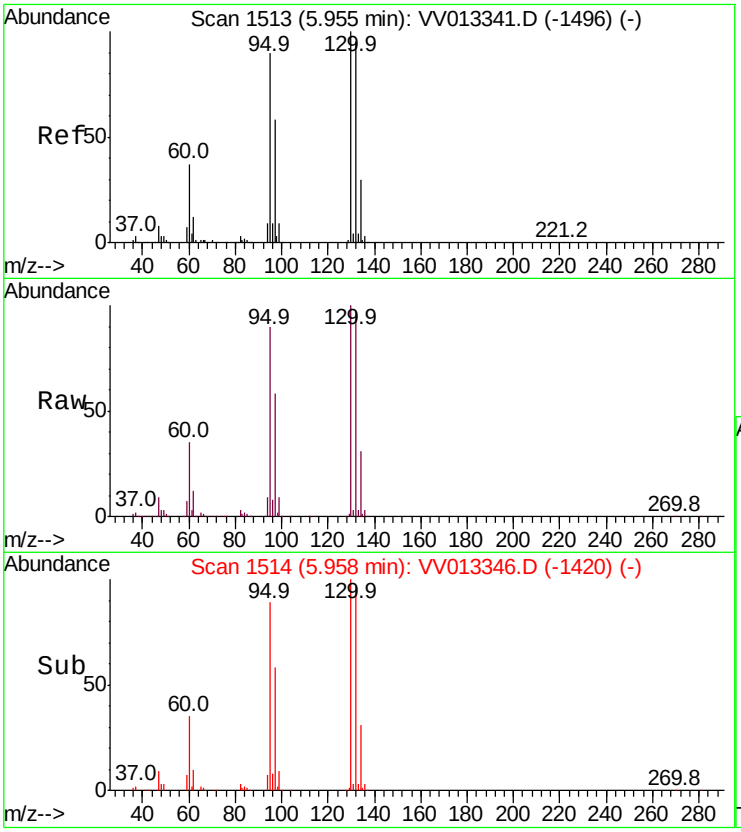


#31
Carbon tetrachloride
Concen: 0.225 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Tgt Ion:117 Resp: 14015

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0



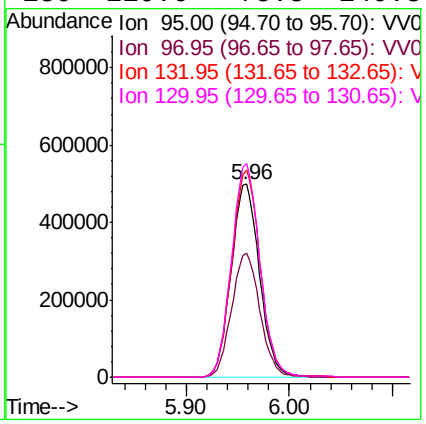


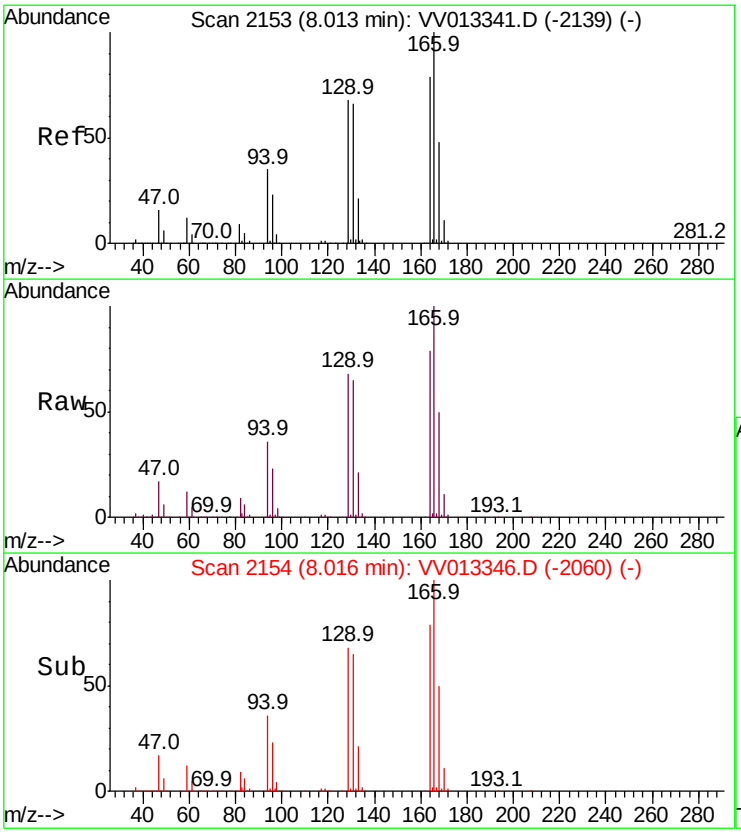
#34
Trichloroethene
Concen: 19.890 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Instrument :
MSVOA_V
ClientSampleId :
C0K09

Tgt Ion: 95 Resp: 958290

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.2	84.0
132	107.4	70.6	131.2
130	110.6	75.5	140.3





#47
Tetrachloroethene
Concen: 6.813 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013346.D
Acq: 25 Oct 2019 15:20

Tgt Ion:164 Resp: 298093

Ion	Ratio	Lower	Upper
164	100		
129	85.4	61.0	113.2
131	82.1	57.5	106.9
166	125.9	87.8	163.0