Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013266.D
Acq On : 22 Oct 2019 00:58
Operator : SY/MD
Sample : K5457-08
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K13

Quant Time: Oct 22 05:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	414513	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	455707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	220346	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	158231	5.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.60%			
7) Chloroethane-d5	1.58	69	143333	5.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.60%			
11) 1,1-Dichloroethene-d2	2.14	63	753690	13.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 277.20%#			
20) 2-Butanone-d5	3.97	46	456459	77.78	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 155.56%#			
24) Chloroform-d	4.40	84	373460	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.08	65	184131	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.60%			
32) Benzene-d6	5.09	84	716426	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.12	67	230290	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.36	98	572418	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	7.66	79	52368	3.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.40%			
46) 2-Hexanone-d5	8.13	63	278944	46.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167353	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	229991	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	5946	0.150	ug/L	90
9) Trichlorofluoromethane	1.77	101	6444	0.111	ug/L	97
12) 1,1-Dichloroethene	2.14	96	1224191	37.564	ug/L #	80
16) Methylene chloride	2.53	84	8493	0.173	ug/L	84
17) Methyl tert-butyl Ether	2.81	73	11961	0.158	ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	5600	0.146	ug/L	97
19) 1,1-Dichloroethane	3.23	63	96399	1.544	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	239340	5.820	ug/L #	90
25) Chloroform	4.42	83	41648	0.512	ug/L	96
27) 1,2-Dichloroethane	5.18	62	4588	0.106	ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	88041	1.307	ug/L	99
34) Trichloroethene	5.95	95	257556	5.516	ug/L	98
38) Bromodichloromethane	6.56	83	6033	0.110	ug/L	92
45) 1,1,2-Trichloroethane	7.88	97	6395	0.217	ug/L	98
47) Tetrachloroethene	8.02	164	322976	7.617	ug/L	96

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013266.D
Acq On : 22 Oct 2019 00:58
Operator : SY/MD
Sample : K5457-08
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K13

Quant Time: Oct 22 05:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

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

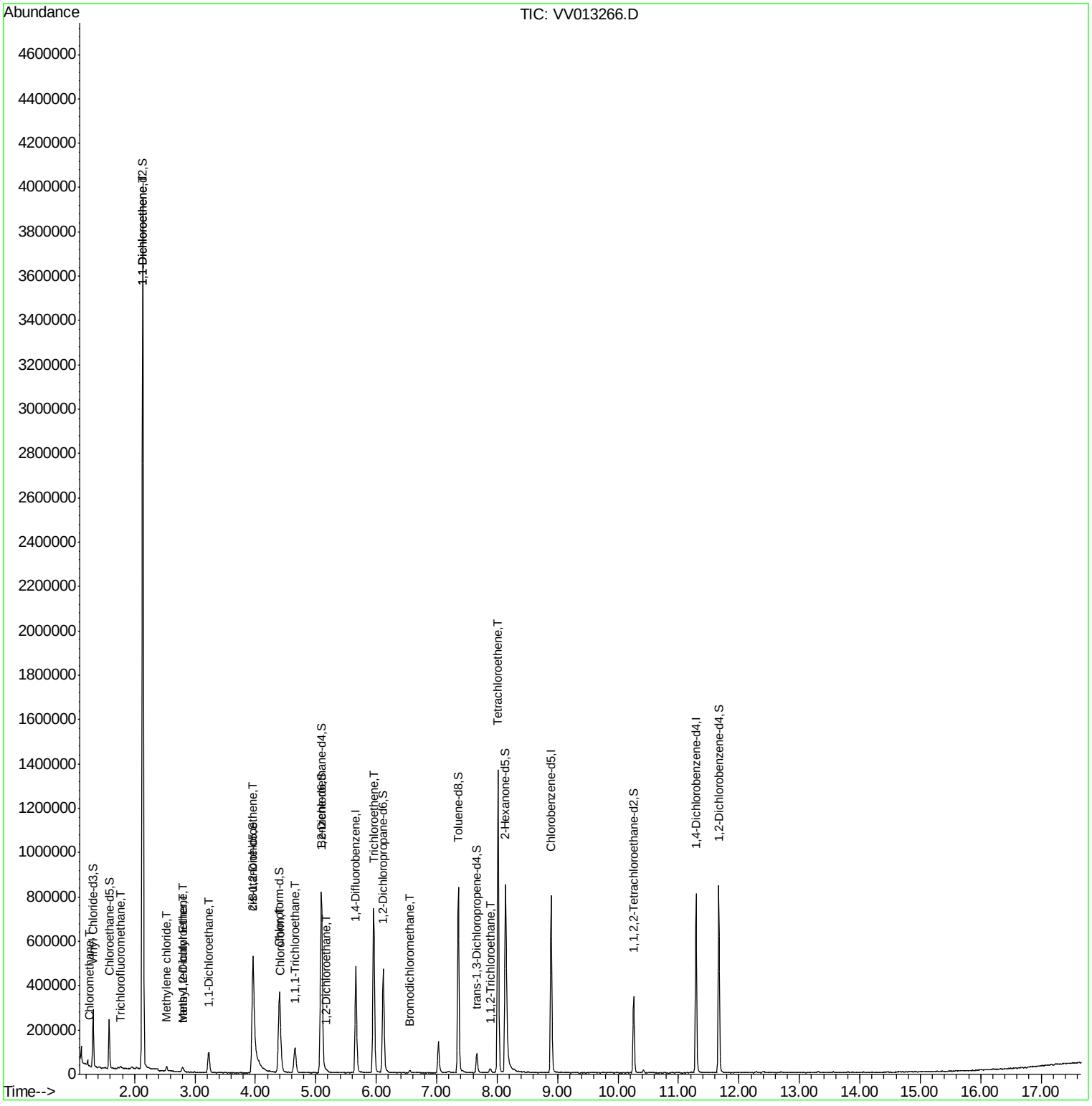
(#) = qualifier out of range (m) = manual integration (+) = signals summed

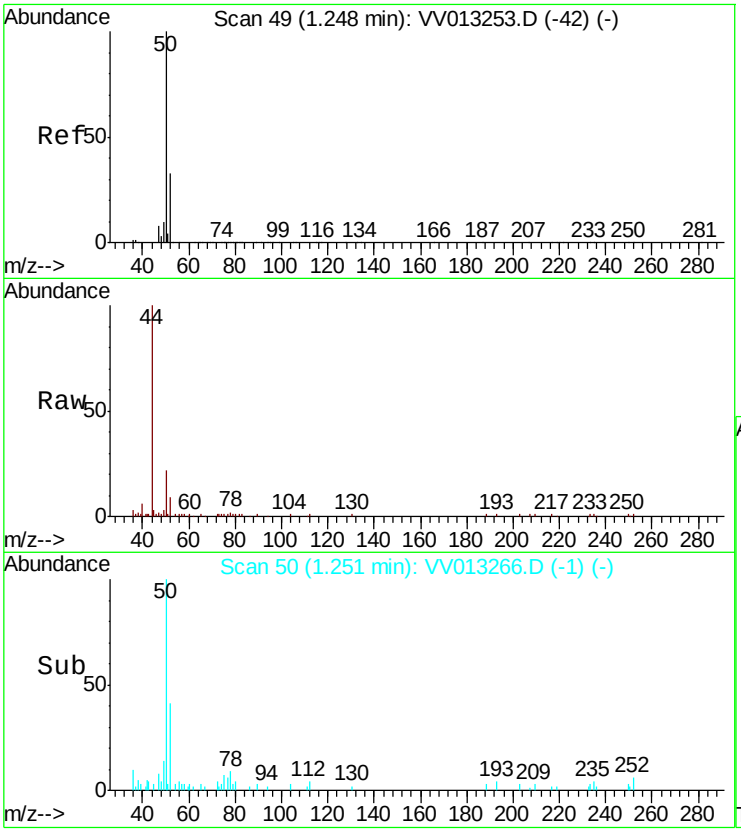
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013266.D
Acq On : 22 Oct 2019 00:58
Operator : SY/MD
Sample : K5457-08
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Quant Time: Oct 22 05:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

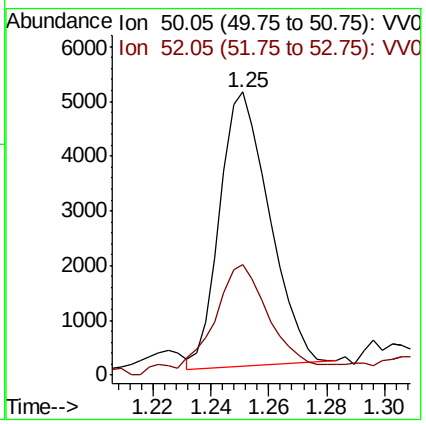




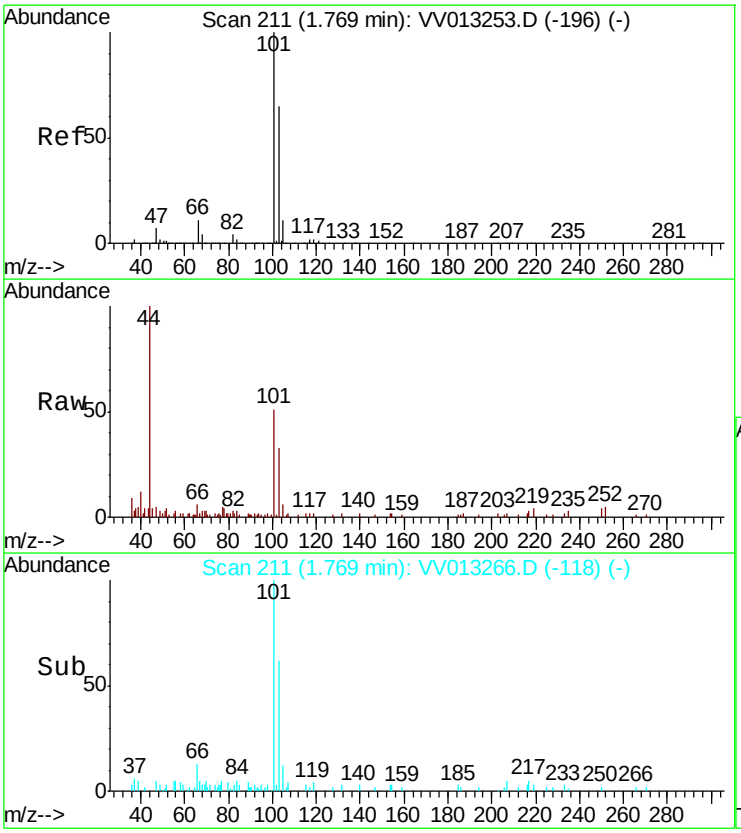
#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 50 Resp: 5946

Ion	Ratio	Lower	Upper
50	100		
52	38.9	23.3	43.3



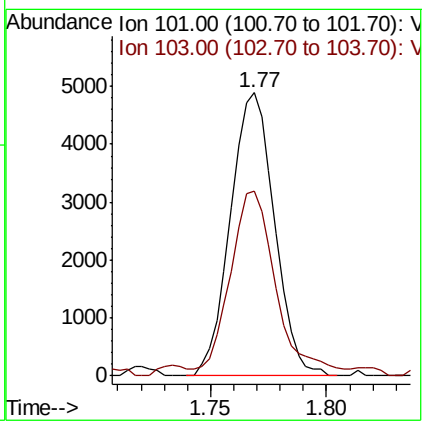
Instrument :
MSVOA_V
ClientSampleId :
C0K13

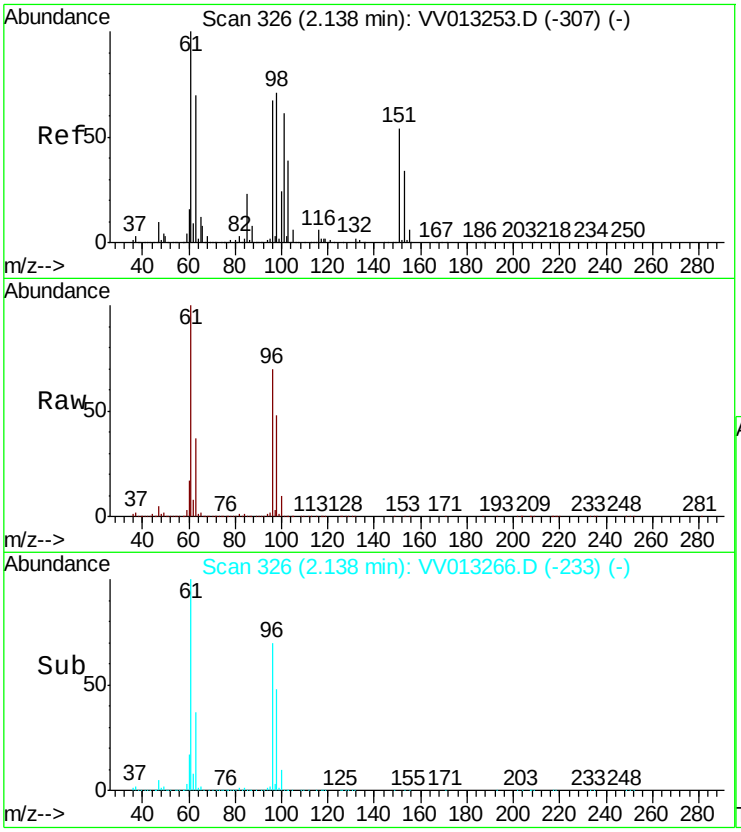


#9
Trichlorofluoromethane
Concen: 0.111 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion:101 Resp: 6444

Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.8	79.2



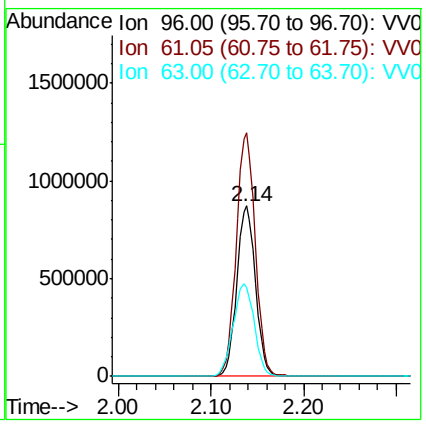


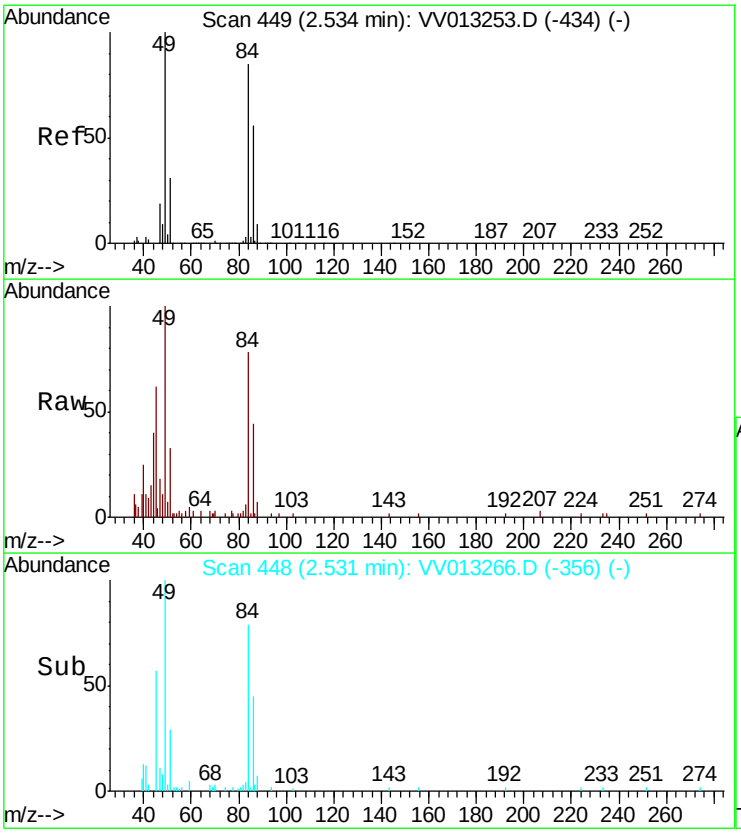
#12
1,1-Dichloroethene
Concen: 37.564 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion: 96 Resp: 1224191

Ion	Ratio	Lower	Upper
96	100		
61	143.2	104.0	193.1
63	52.5	67.1	124.5#

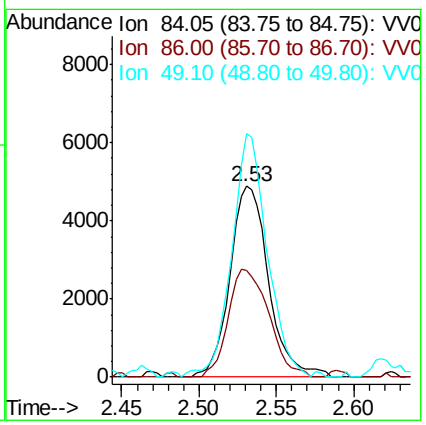


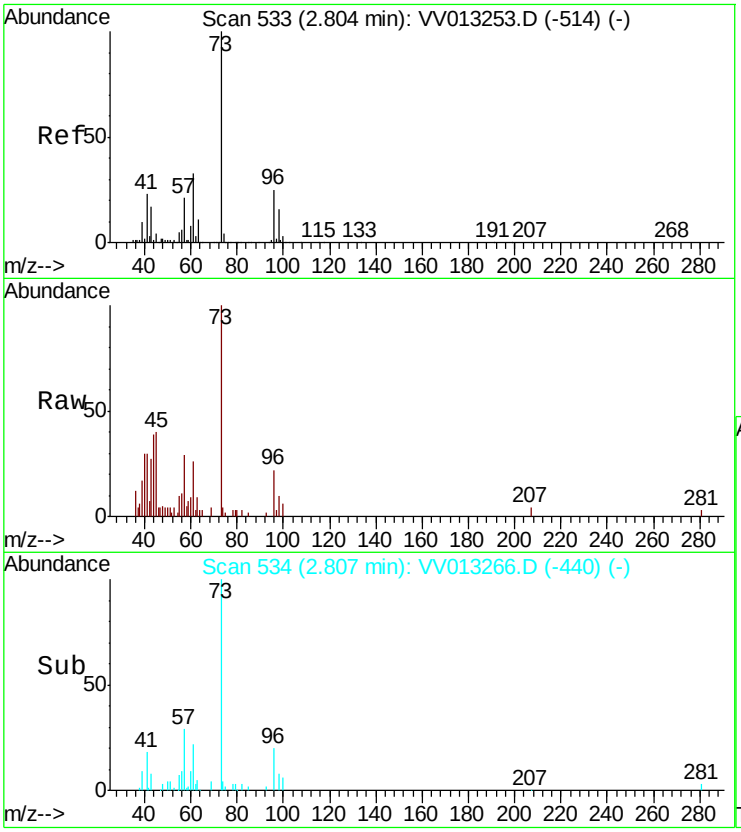


#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 84 Resp: 8493

Ion	Ratio	Lower	Upper
84	100		
86	56.0	46.2	85.8
49	127.6	76.4	141.8



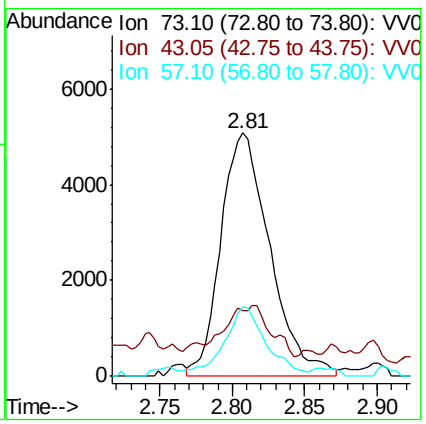


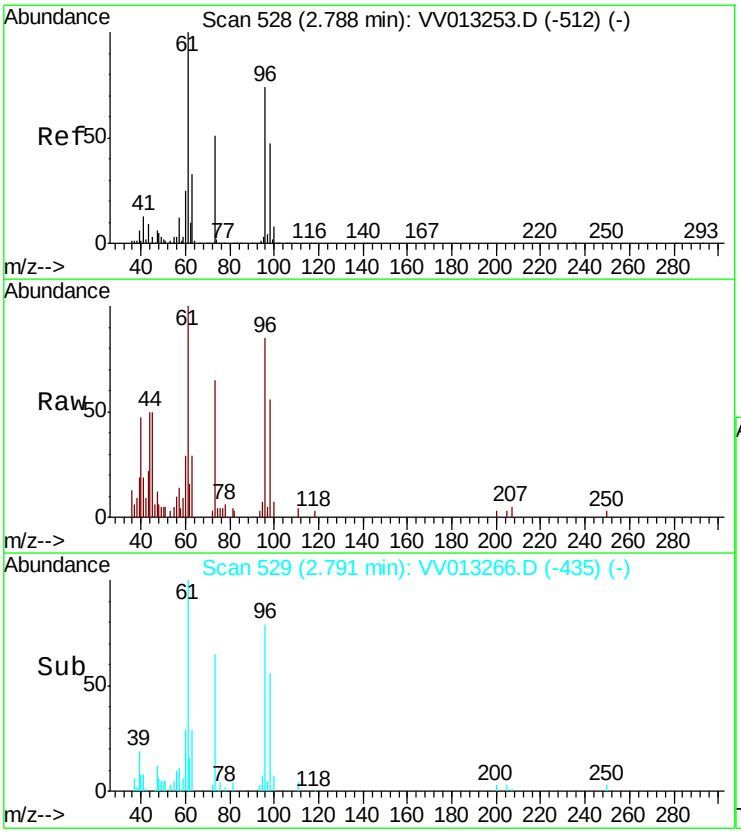
#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument : MSVOA_V
ClientSampleId : C0K13

Tgt Ion: 73 Resp: 11961

Ion	Ratio	Lower	Upper
73	100		
43	18.9	13.1	19.7
57	24.9	16.4	24.6#

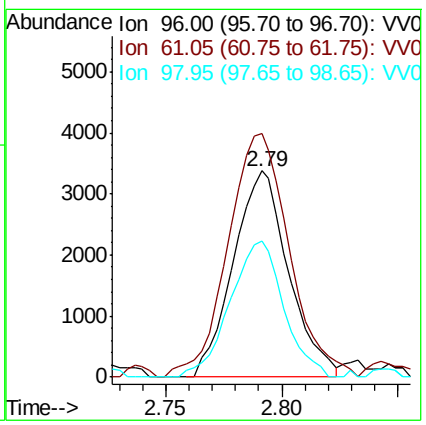


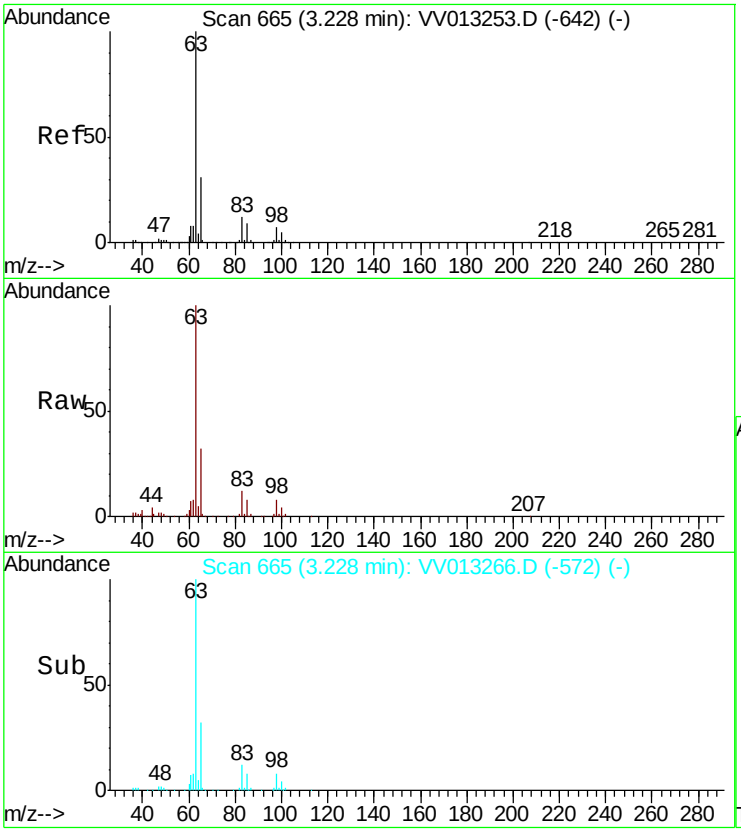


#18
trans-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 96 Resp: 5600

Ion	Ratio	Lower	Upper
96	100		
61	118.2	84.4	156.8
98	66.1	44.4	82.4



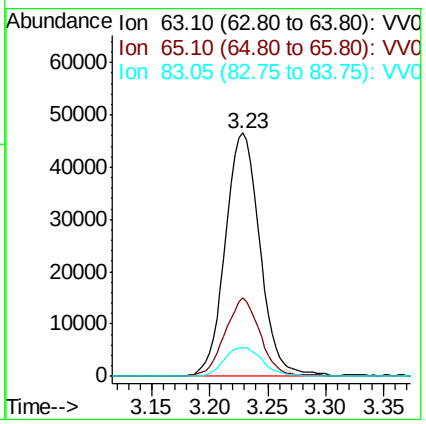


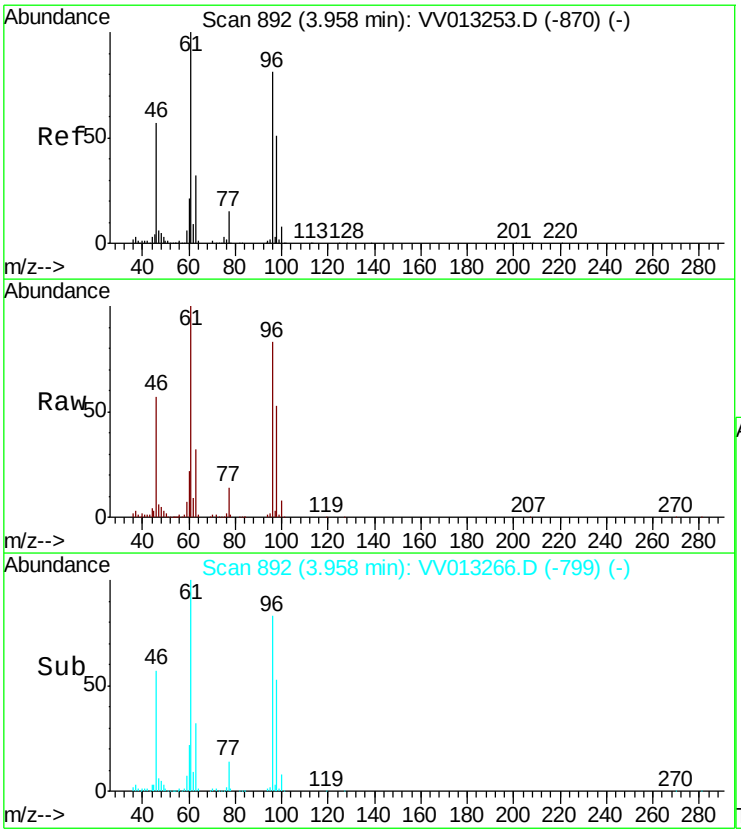
#19
1,1-Dichloroethane
Concen: 1.544 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion: 63 Resp: 96399

Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.8
83	12.0	10.2	19.0

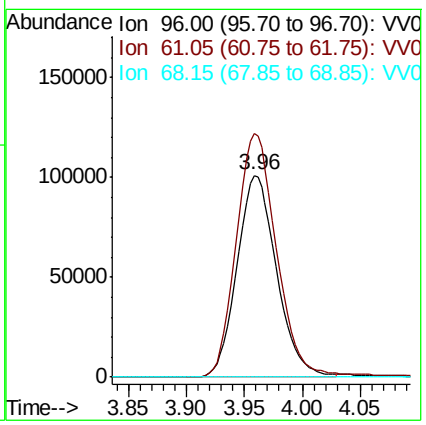


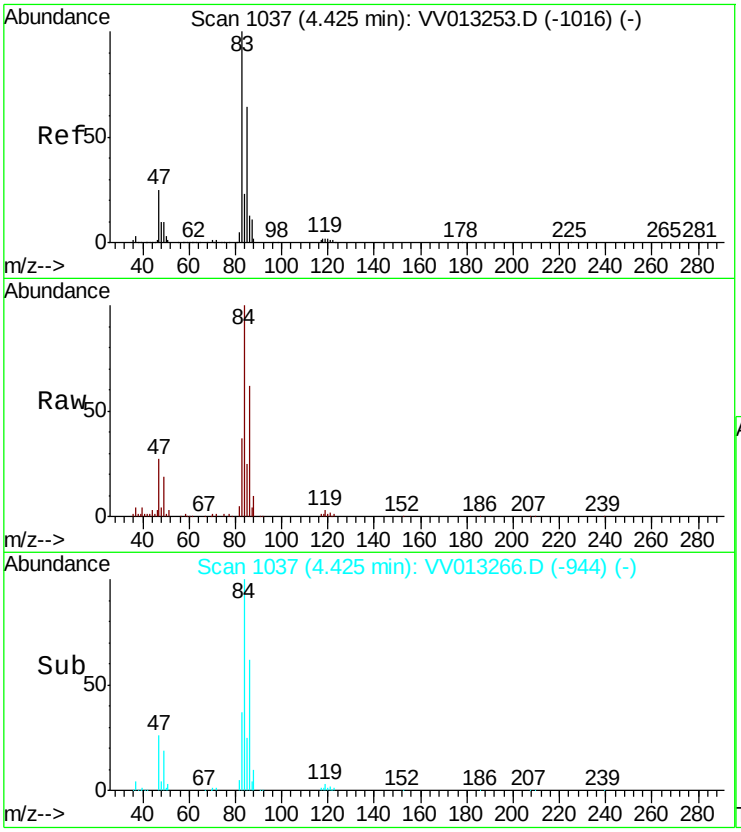


#22
cis-1,2-Dichloroethene
Concen: 5.820 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 96 Resp: 239340

Ion	Ratio	Lower	Upper
96	100		
61	120.9	77.3	143.7
68	0.0	0.1	0.1#



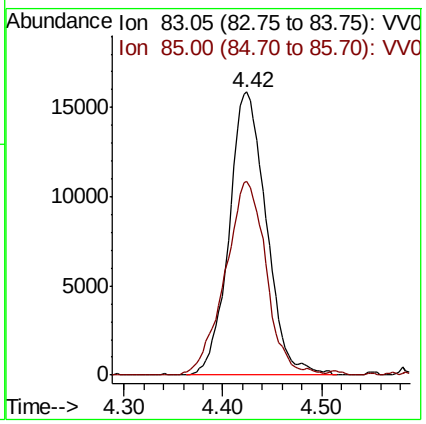


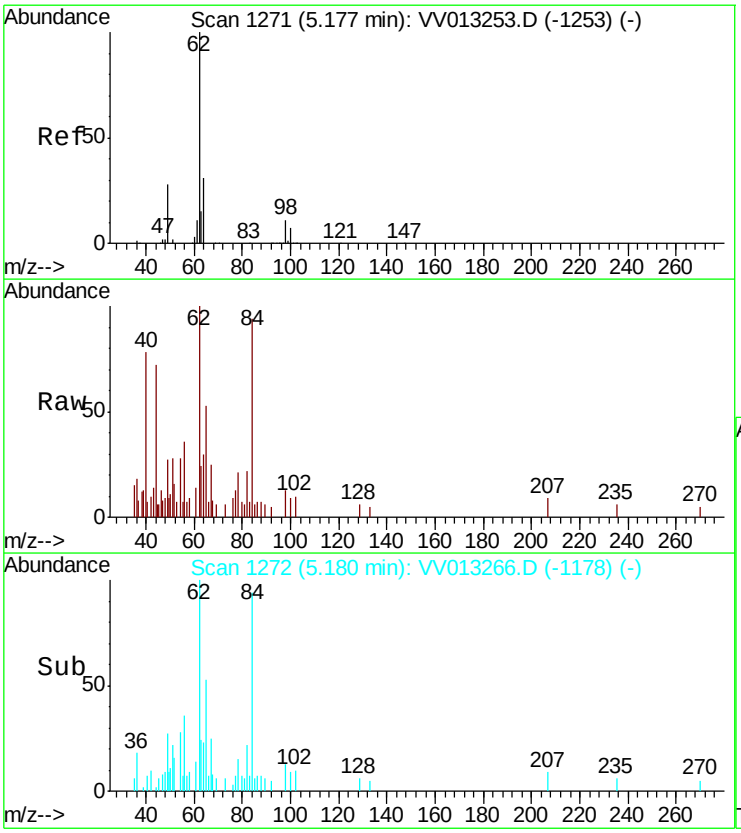
#25
Chloroform
Concen: 0.512 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion: 83 Resp: 41648

Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.7	84.9

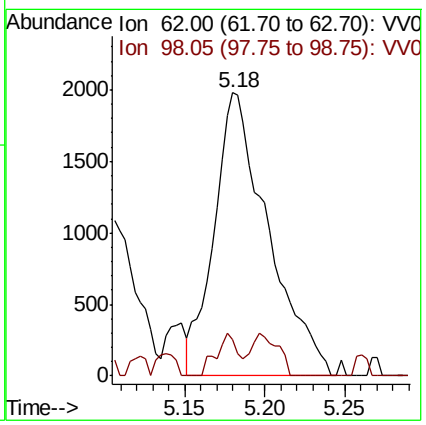


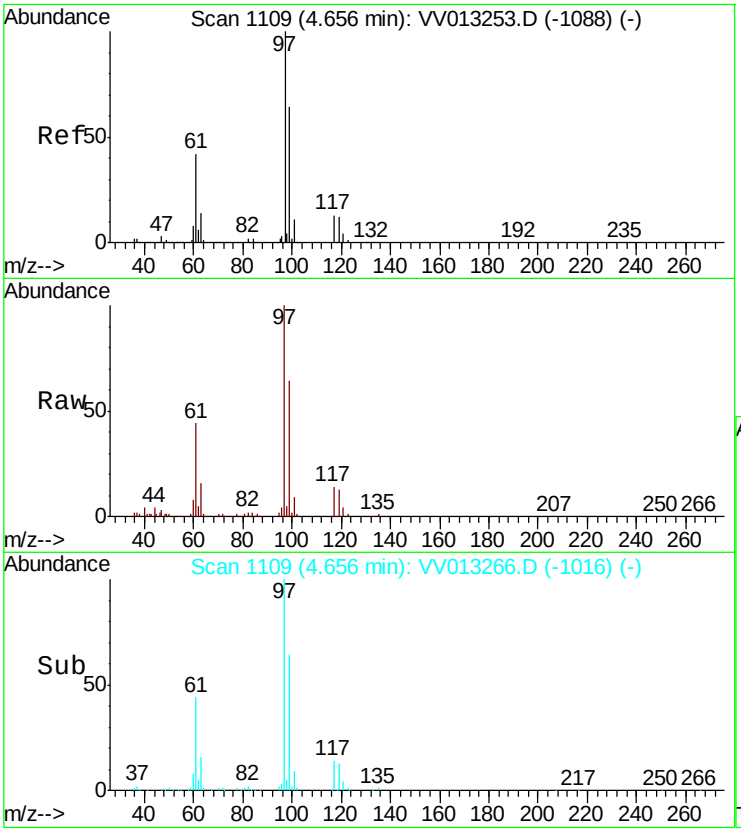


#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 62 Resp: 4588

Ion	Ratio	Lower	Upper
62	100		
98	12.9	8.3	12.5#



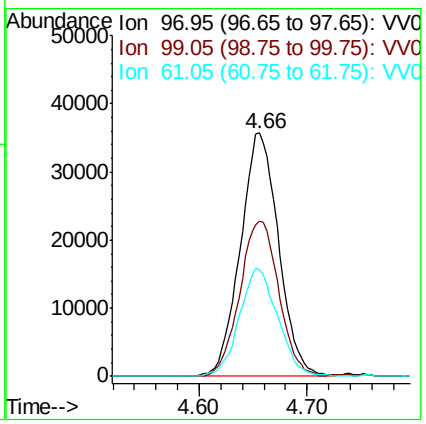


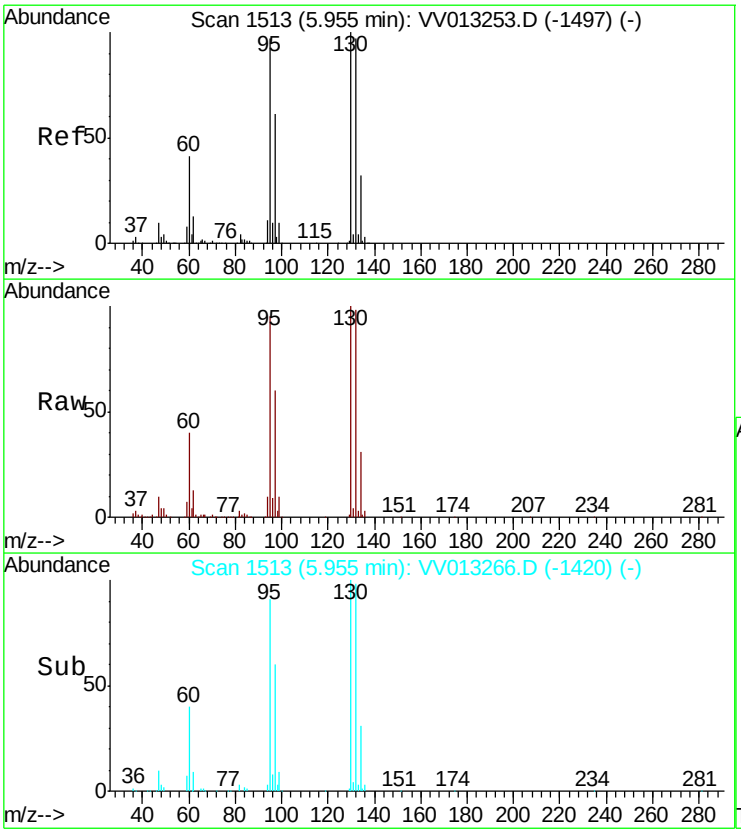
#29
1,1,1-Trichloroethane
Concen: 1.307 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion: 97 Resp: 88041

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	44.5	34.3	51.5

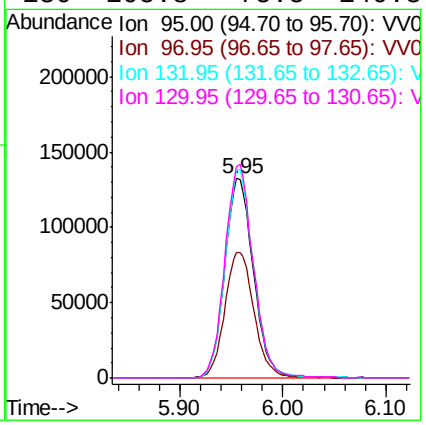


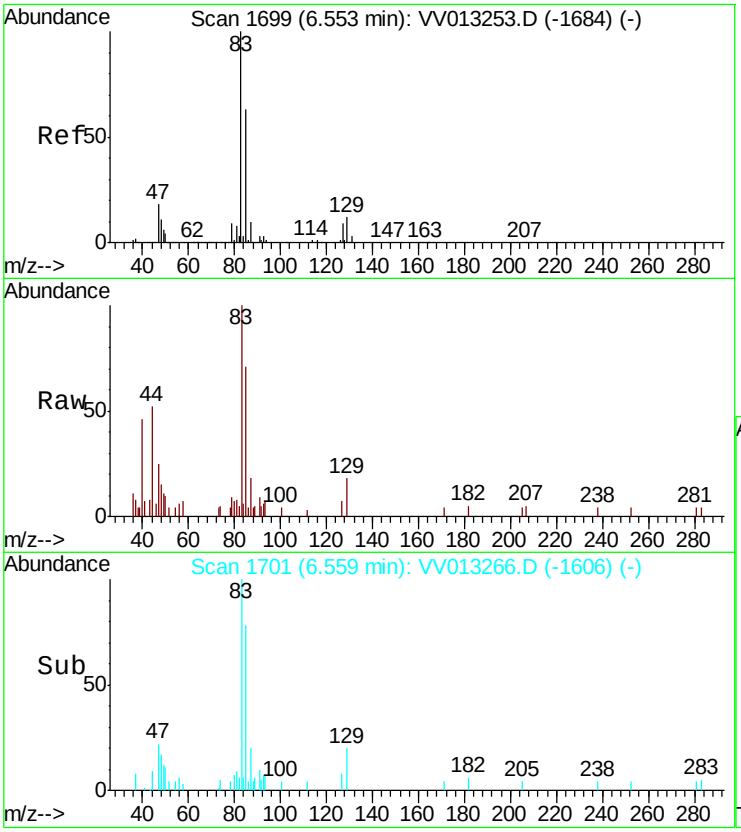


#34
Trichloroethene
Concen: 5.516 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 95 Resp: 257556

Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.2	84.0
132	104.2	70.6	131.2
130	105.8	75.5	140.3



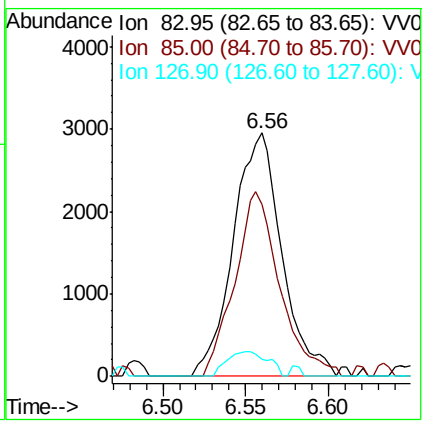


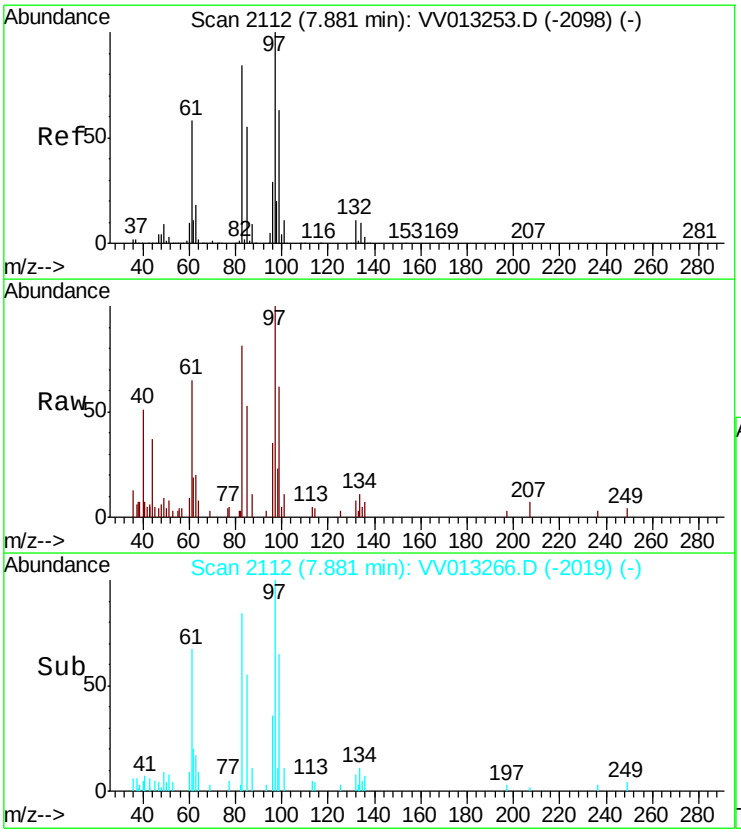
#38
Bromodichloromethane
Concen: 0.110 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion: 83 Resp: 6033

Ion	Ratio	Lower	Upper
83	100		
85	70.6	44.4	82.5
127	7.2	6.6	10.0

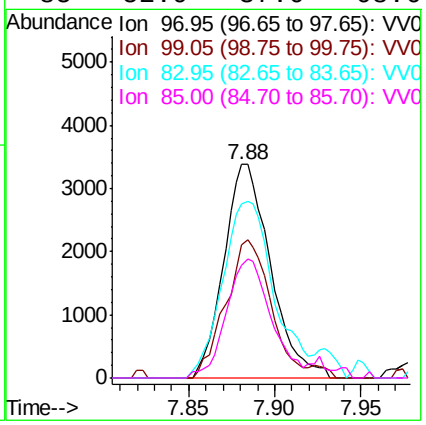


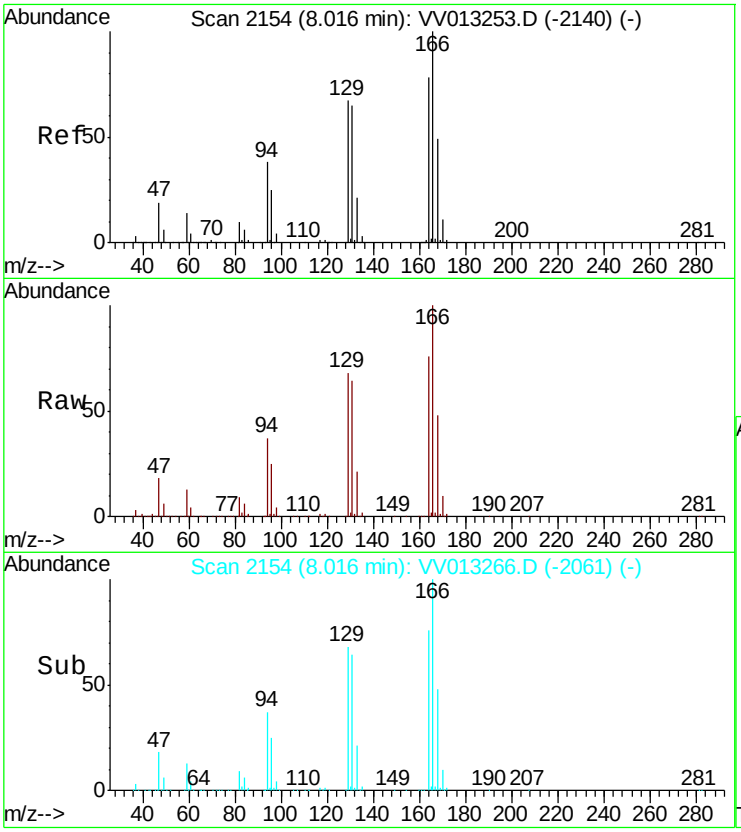


#45
1,1,2-Trichloroethane
Concen: 0.217 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Tgt Ion: 97 Resp: 6395

Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.2	78.4
83	81.4	58.4	108.4
85	52.9	37.0	68.6





#47
Tetrachloroethene
Concen: 7.617 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013266.D
Acq: 22 Oct 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
C0K13

Tgt Ion:164 Resp: 322976

Ion	Ratio	Lower	Upper
164	100		
129	89.7	61.0	113.2
131	84.0	57.5	106.9
166	131.7	87.8	163.0