Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

Quantitation Report (Not Reviewed)

Data File : VV011678.D
Acq On : 21 Jun 2019 12:22
Operator : SY/MD
Sample : K3381-12 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCM6

Quant Time: Jun 22 04:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161353	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61161	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48929	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.58	69	34282	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.13	63	142186	6.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 130.60%#			
20) 2-Butanone-d5	3.95	46	164018	58.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.28%			
24) Chloroform-d	4.40	84	93218	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	60009	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.09	84	208348	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	64177	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.36	98	177274	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20617	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	118963	57.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.04%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46645	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	60133	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1863	0.122	ug/L	96
5) Vinyl chloride	1.32	62	28583	1.916	ug/L	86
6) Bromomethane	1.53	94	1377	0.212	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1018	0.093	ug/L #	32
12) 1,1-Dichloroethene	2.13	96	110650	11.081	ug/L #	83
16) Methylene chloride	2.53	84	1954	0.176	ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	1834	0.156	ug/L	86
19) 1,1-Dichloroethane	3.22	63	275761	11.817	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	767774	59.511	ug/L	98
25) Chloroform	4.42	83	13761	0.537	ug/L	83
27) 1,2-Dichloroethane	5.18	62	6160	0.397	ug/L #	95
29) 1,1,1-Trichloroethane	4.65	97	93961	4.928	ug/L	99
31) Carbon tetrachloride	4.65	117	11816	0.733	ug/L	98
34) Trichloroethene	5.96	95	34285	2.633	ug/L	97
35) Methylcyclohexane	6.12	83	16007	0.762	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8396	0.674	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1245	0.103	ug/L #	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

Quantitation Report (Not Reviewed)

Data File : VV011678.D
Acq On : 21 Jun 2019 12:22
Operator : SY/MD
Sample : K3381-12 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCM6

Quant Time: Jun 22 04:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.14	43	16073	2.924	ug/L	#	70

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

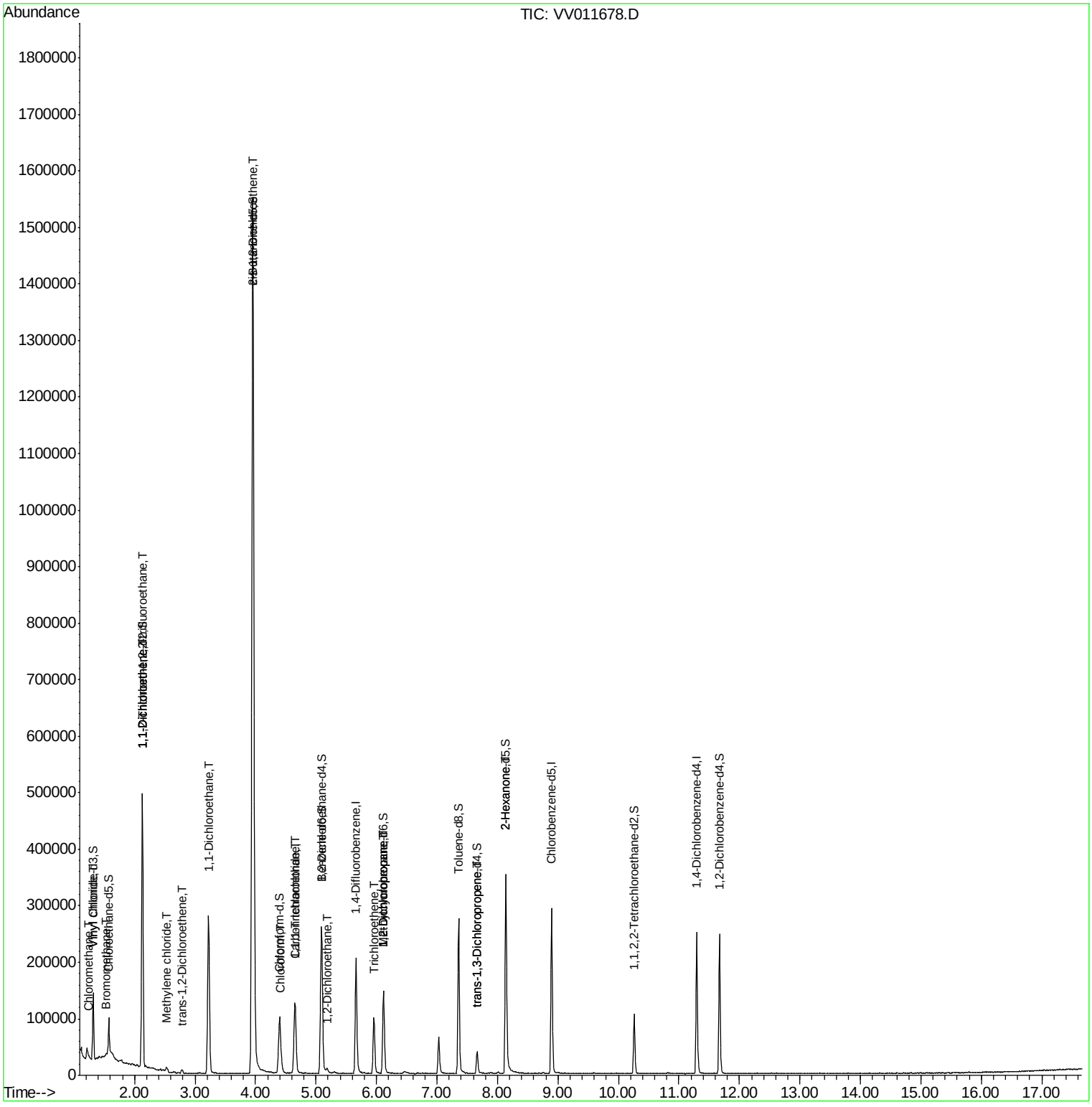
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

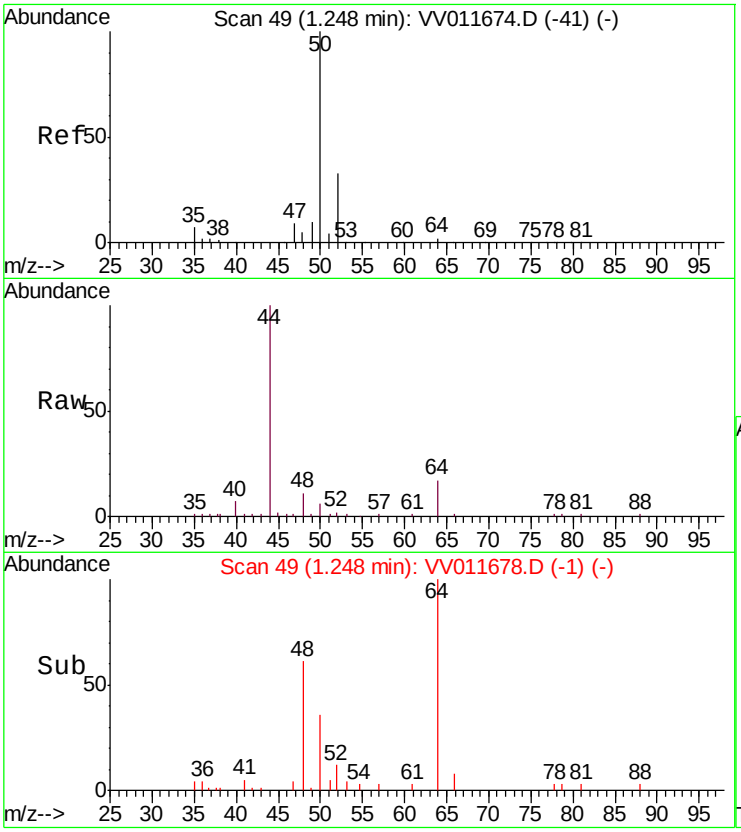
Quantitation Report (Not Reviewed)

Data File : VV011678.D
Acq On : 21 Jun 2019 12:22
Operator : SY/MD
Sample : K3381-12 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCM6

Quant Time: Jun 22 04:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration



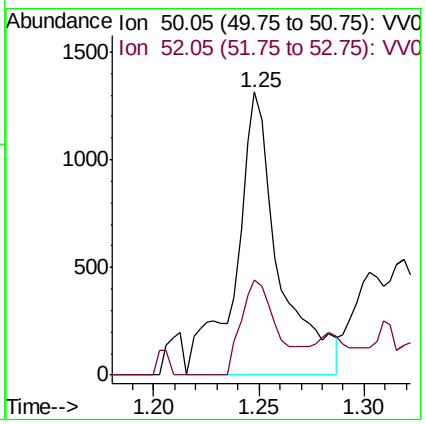


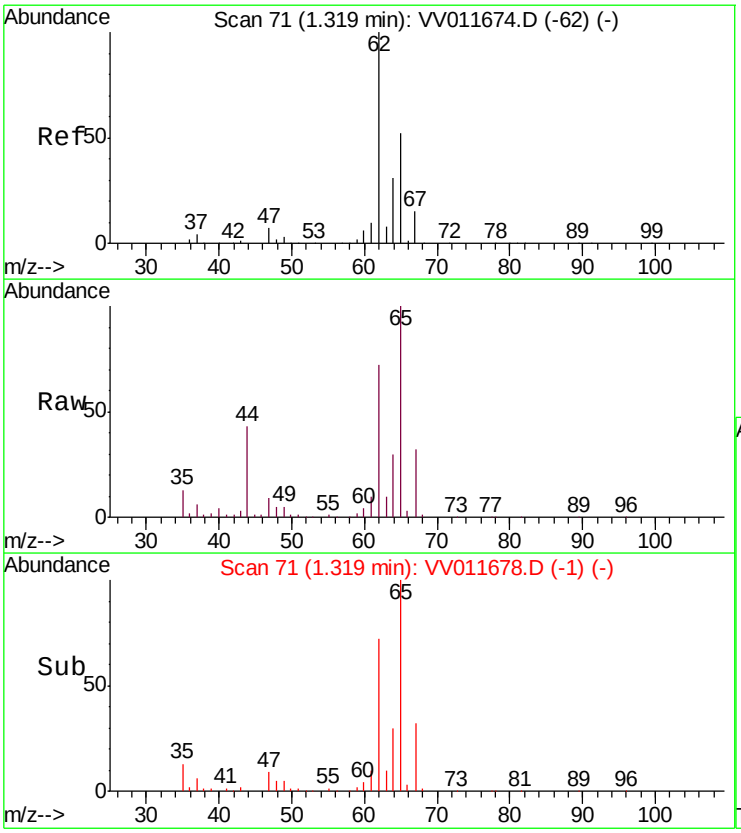
#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 50 Resp: 1863

Ion	Ratio	Lower	Upper
50	100		
52	33.7	22.0	40.8

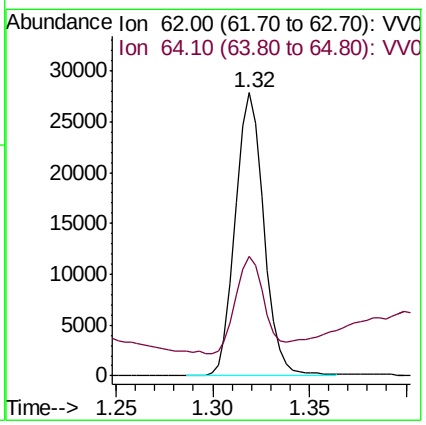


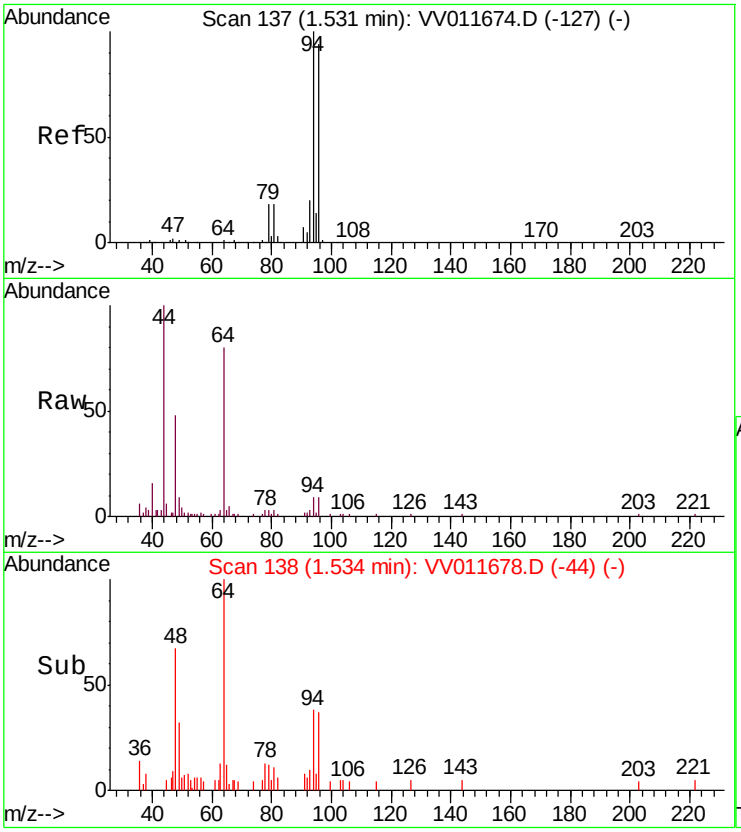


#5
Vinyl chloride
Concen: 1.916 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 62 Resp: 28583

Ion	Ratio	Lower	Upper
62	100		
64	42.2	24.1	44.7



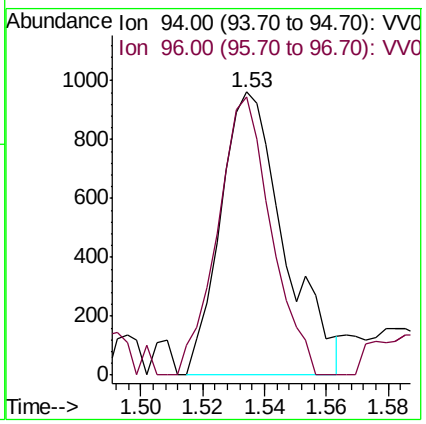


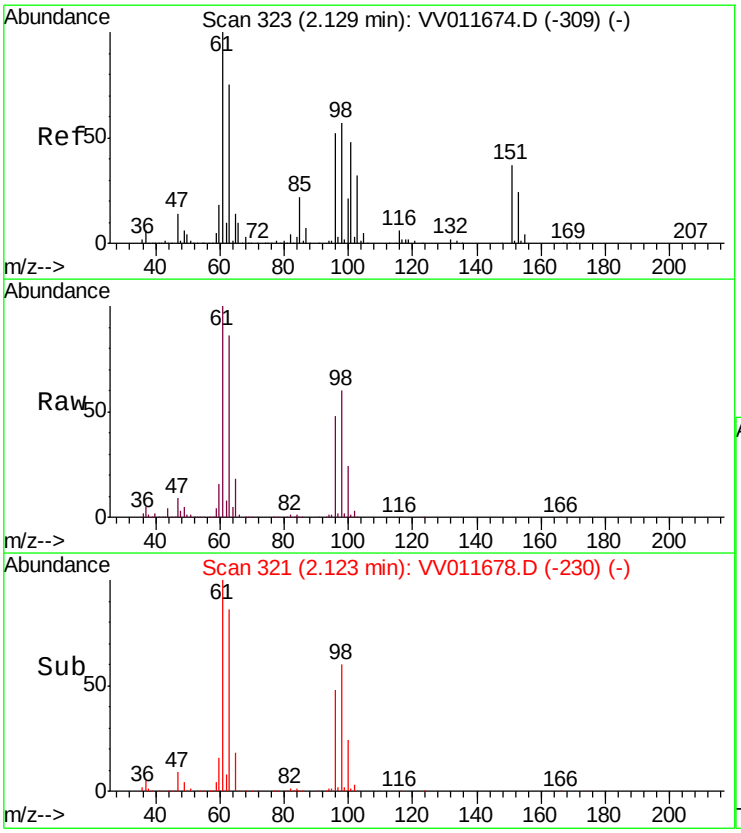
#6
Bromomethane
Concen: 0.212 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 94 Resp: 1377

Ion	Ratio	Lower	Upper
94	100		
96	98.2	65.2	121.2

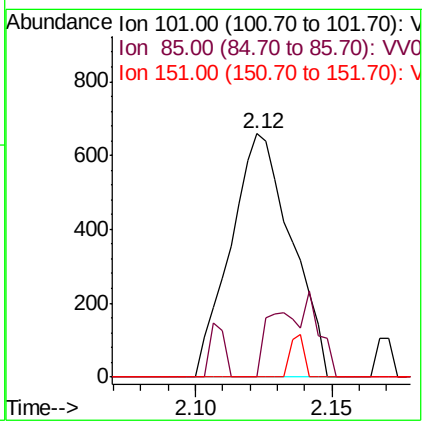


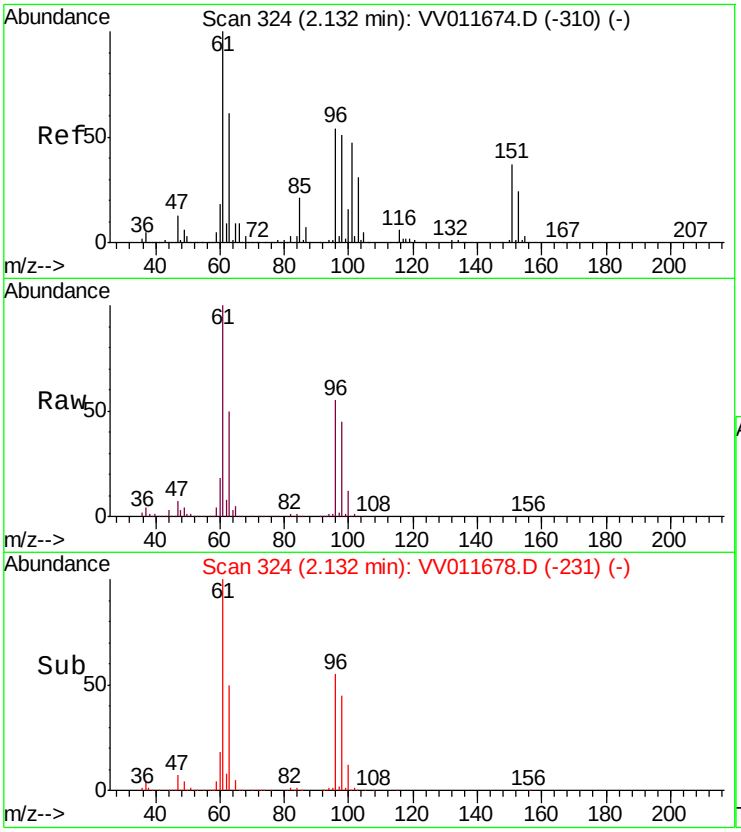


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion:101 Resp: 1018

Ion	Ratio	Lower	Upper
101	100		
85	15.0	35.9	53.9#
151	4.1	57.4	86.2#



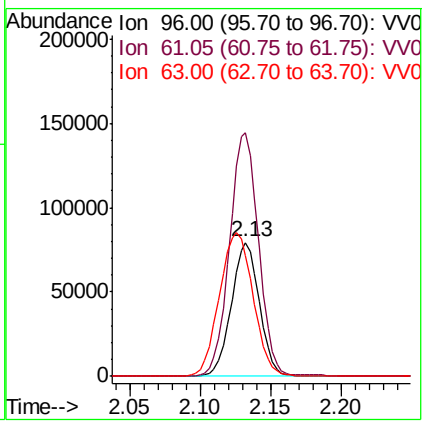


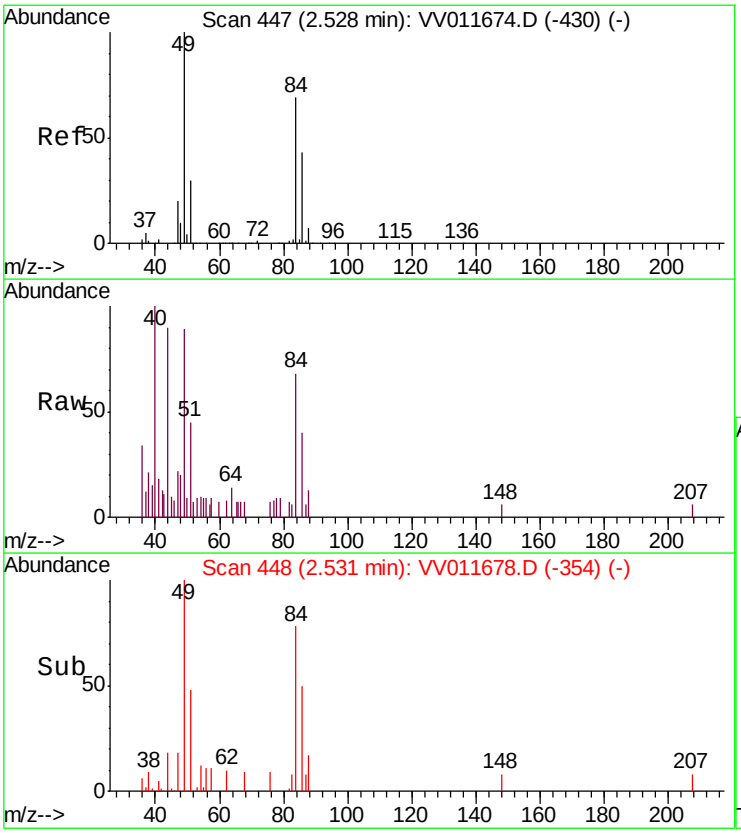
#12
1,1-Dichloroethene
Concen: 11.081 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument : MSVOA_V
ClientSampleId : BFCM6

Tgt Ion: 96 Resp: 110650

Ion	Ratio	Lower	Upper
96	100		
61	182.1	131.5	244.1
63	90.4	91.8	170.4#

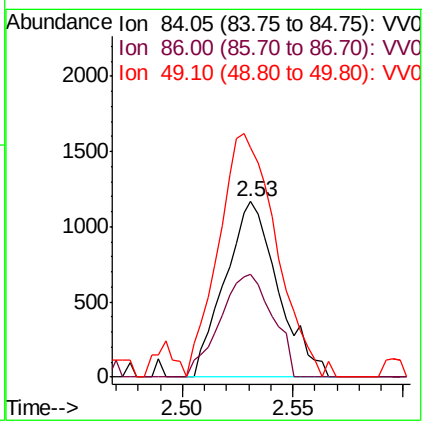


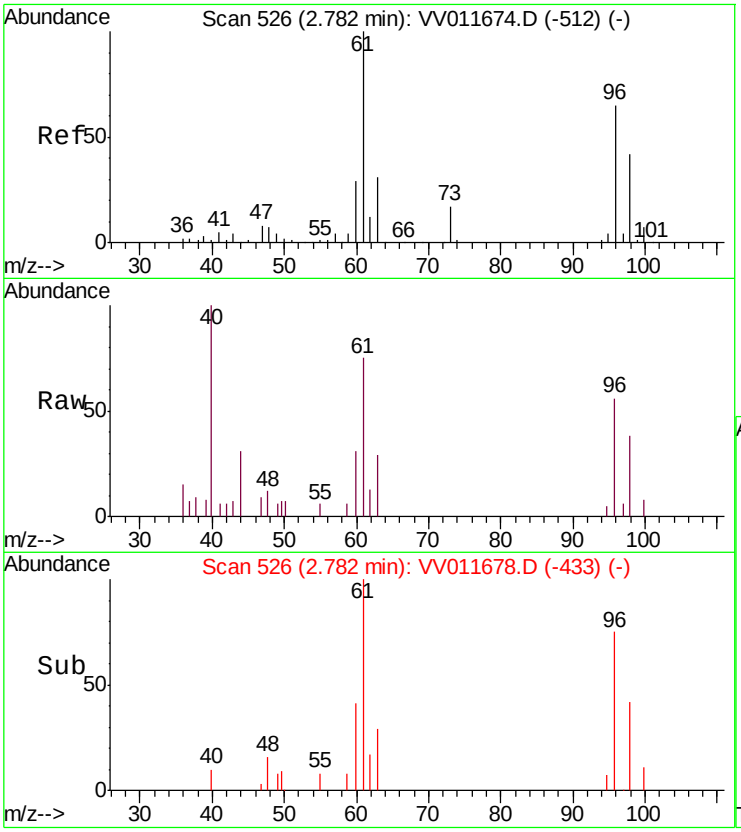


#16
Methylene chloride
Concen: 0.176 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 84 Resp: 1954

Ion	Ratio	Lower	Upper
84	100		
86	58.8	44.9	83.5
49	130.8	101.4	188.2



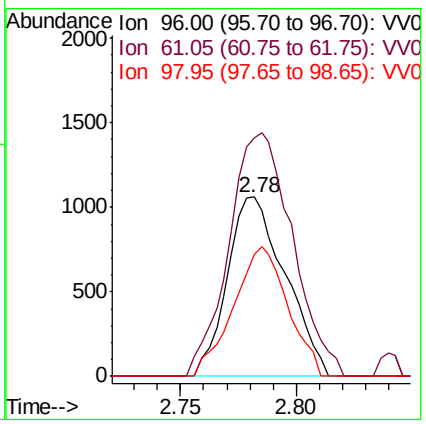


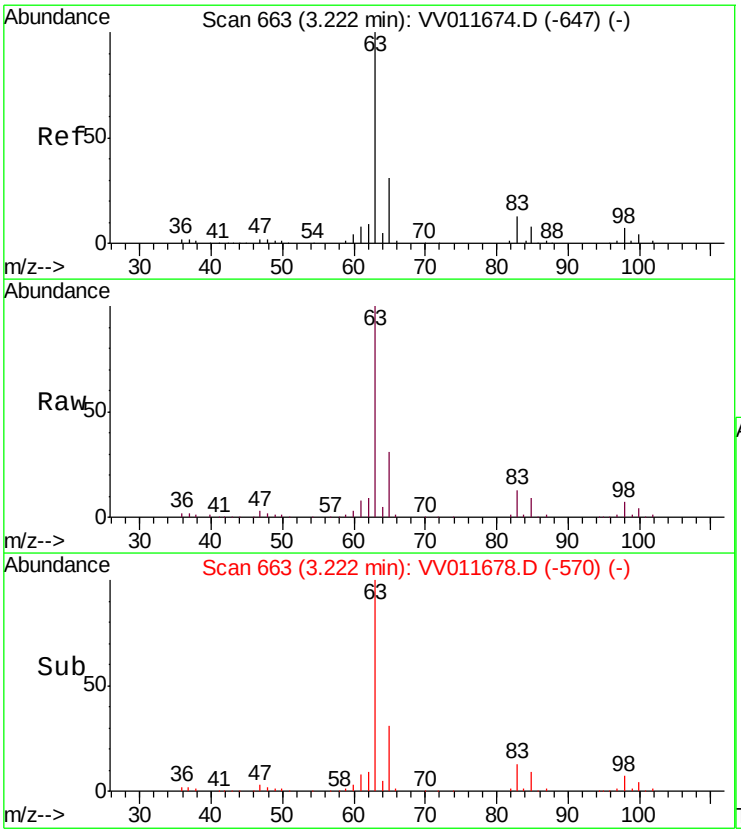
#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 2.78 min Scan# 526
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 96 Resp: 1834

Ion	Ratio	Lower	Upper
96	100		
61	133.0	109.3	203.1
98	67.8	44.6	82.8

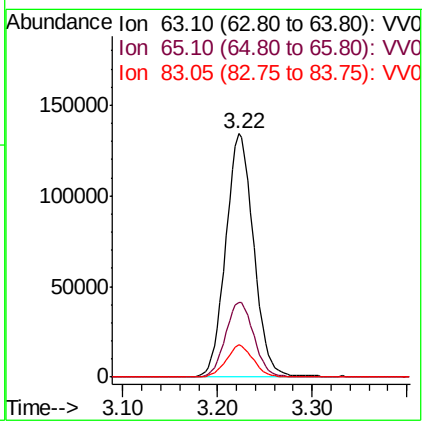


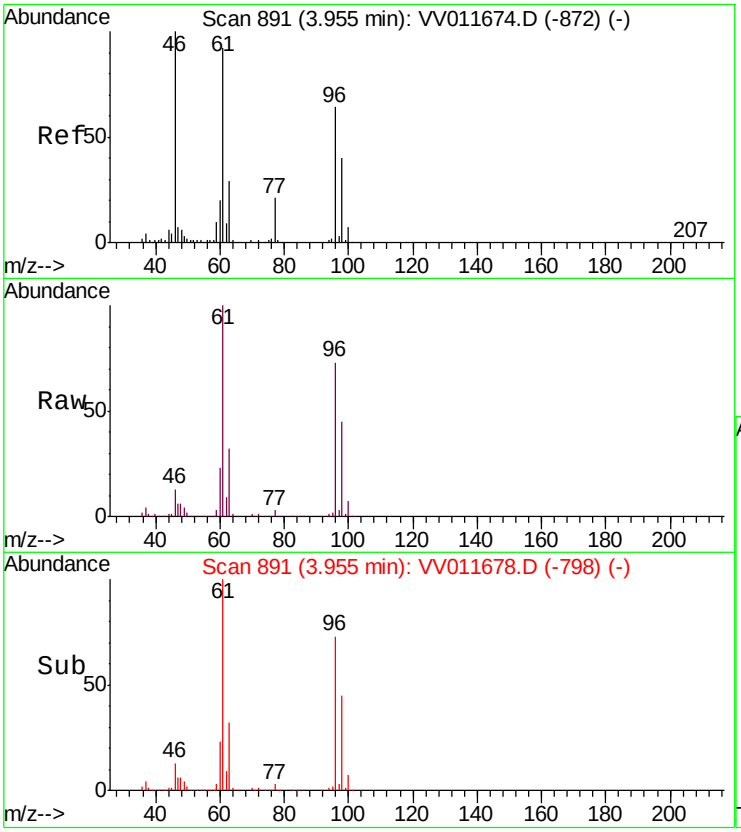


#19
1,1-Dichloroethane
Concen: 11.817 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 63 Resp: 275761

Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.0	42.8
83	13.1	9.5	17.7



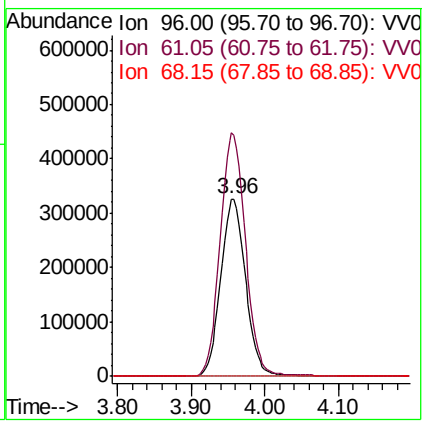


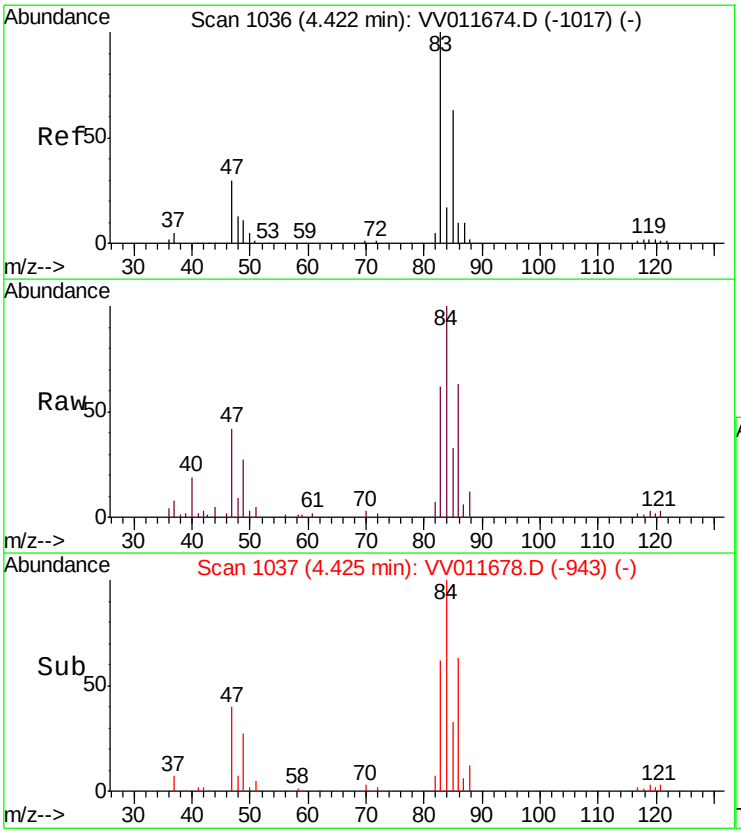
#22
cis-1,2-Dichloroethene
Concen: 59.511 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 96 Resp: 767774

Ion	Ratio	Lower	Upper
96	100		
61	137.5	97.9	181.7
68	0.0	0.0	0.0

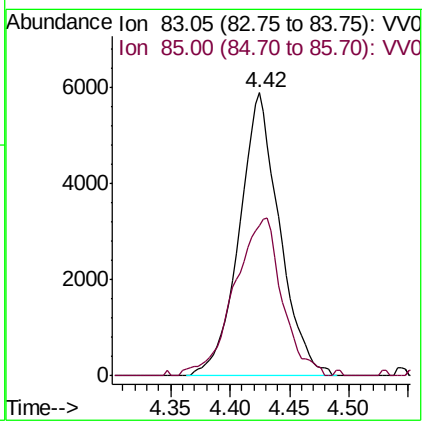


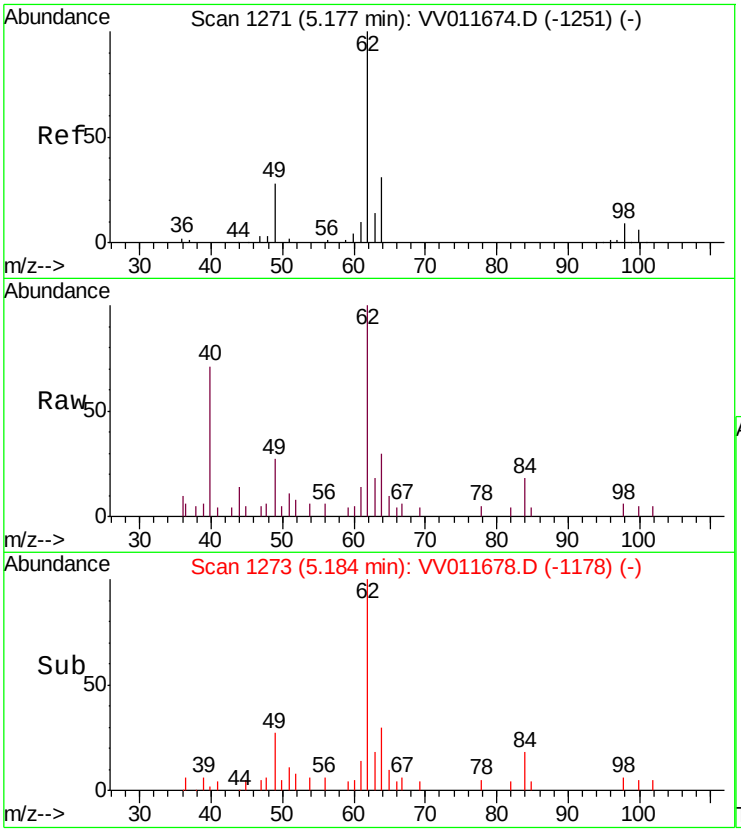


#25
Chloroform
Concen: 0.537 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 83 Resp: 13761

Ion	Ratio	Lower	Upper
83	100		
85	53.2	47.0	87.2



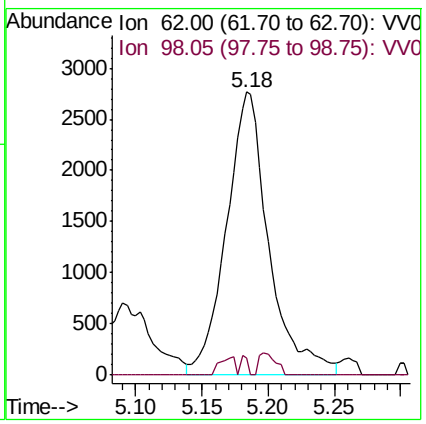


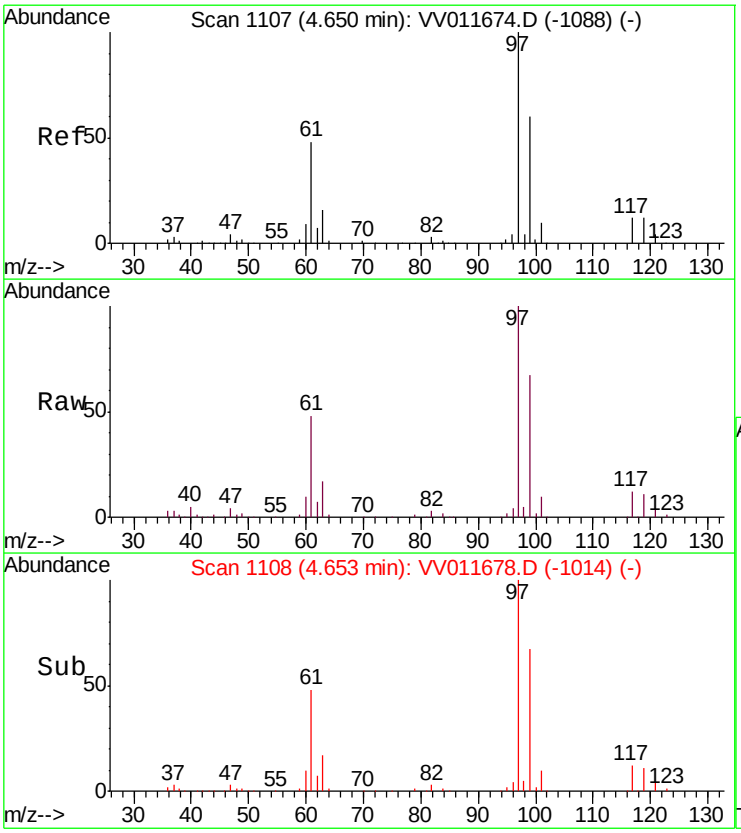
#27
1,2-Dichloroethane
Concen: 0.397 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 62 Resp: 6160

Ion	Ratio	Lower	Upper
62	100		
98	6.0	6.2	9.4#

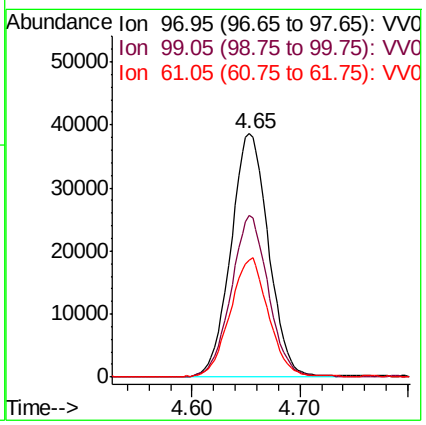


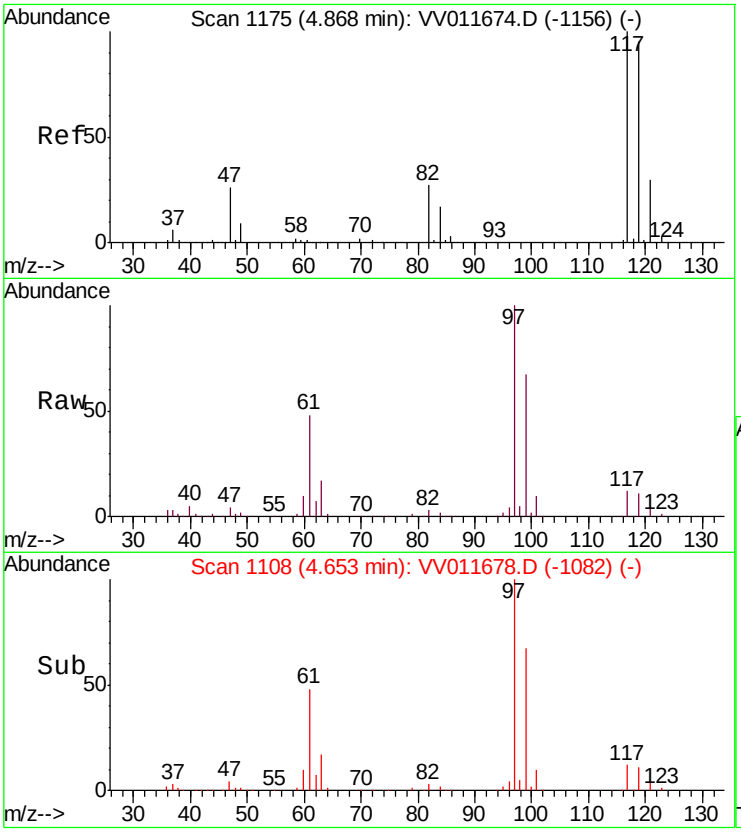


#29
1,1,1-Trichloroethane
Concen: 4.928 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 97 Resp: 93961

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.6	77.4
61	49.9	39.8	59.6



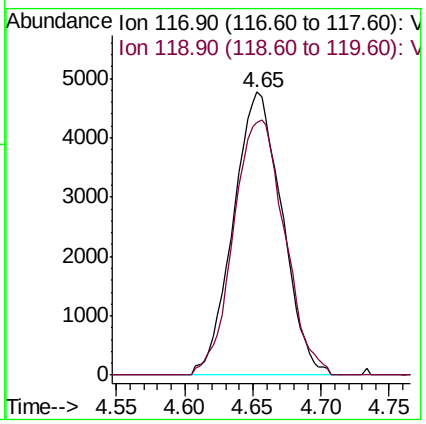


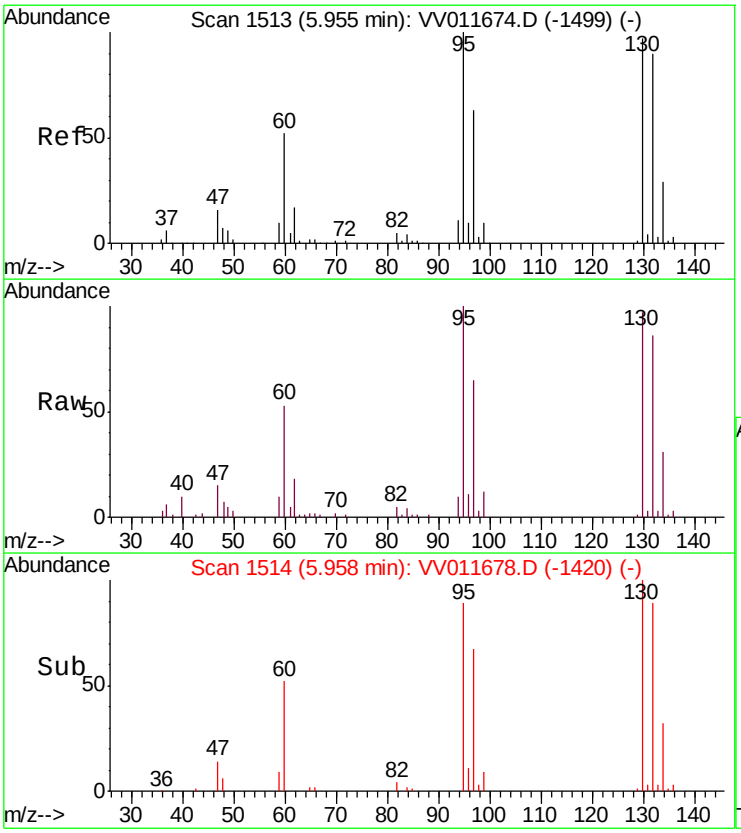
#31
Carbon tetrachloride
Concen: 0.733 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.22 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion:117 Resp: 11816

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7

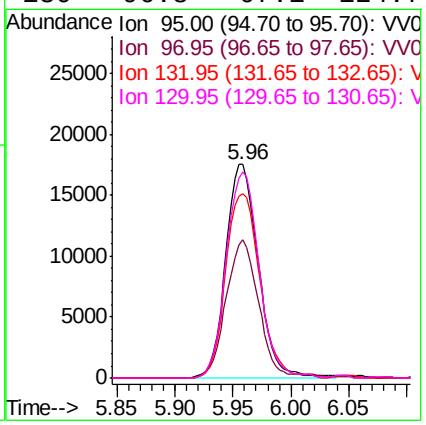


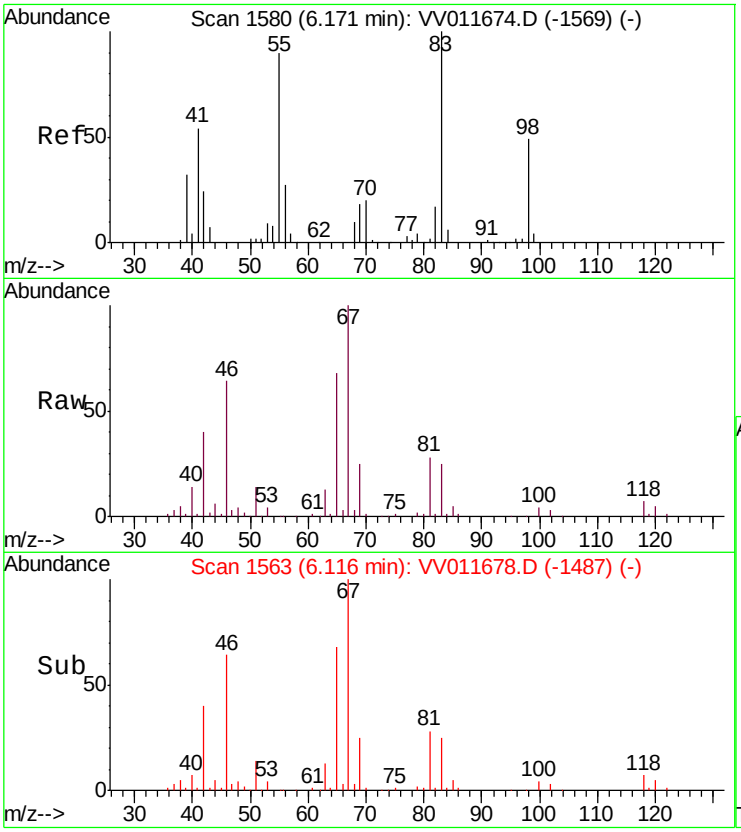


#34
Trichloroethene
Concen: 2.633 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 95 Resp: 34285

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.5
132	86.3	65.0	120.6
130	96.8	67.1	124.7



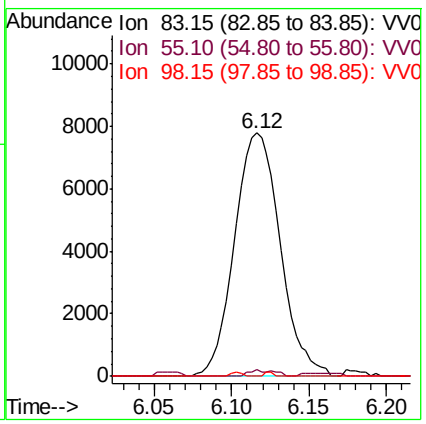


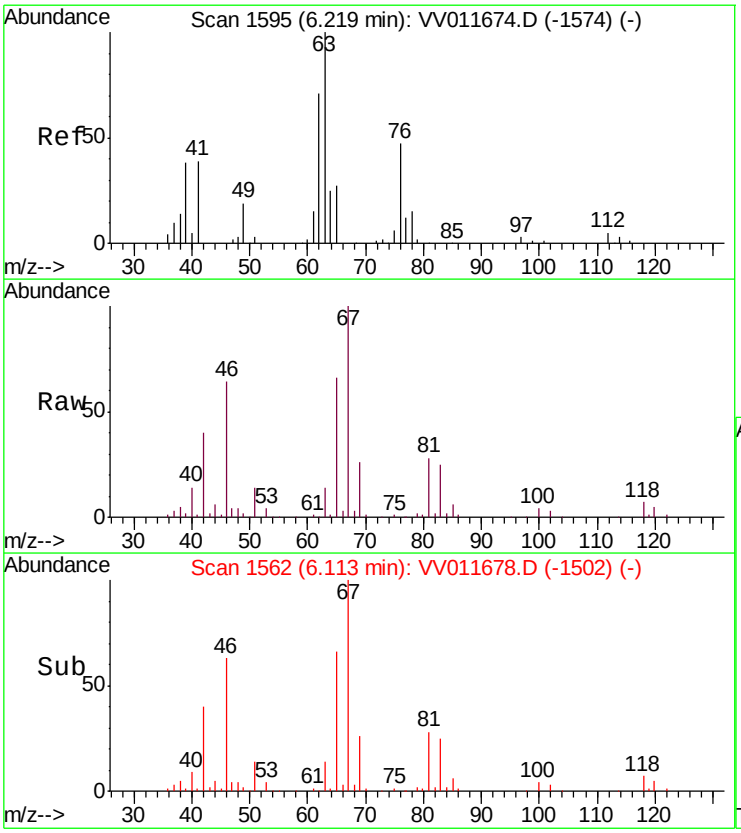
#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 83 Resp: 16007

Ion	Ratio	Lower	Upper
83	100		
55	0.9	69.4	104.2#
98	0.3	40.2	60.4#

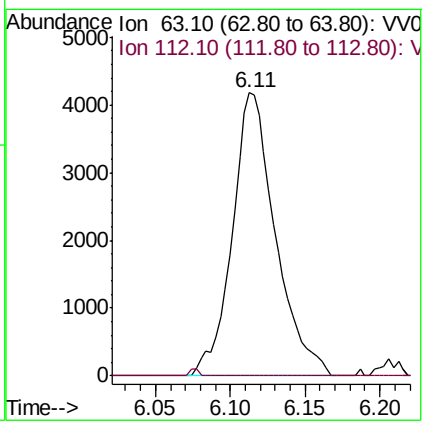


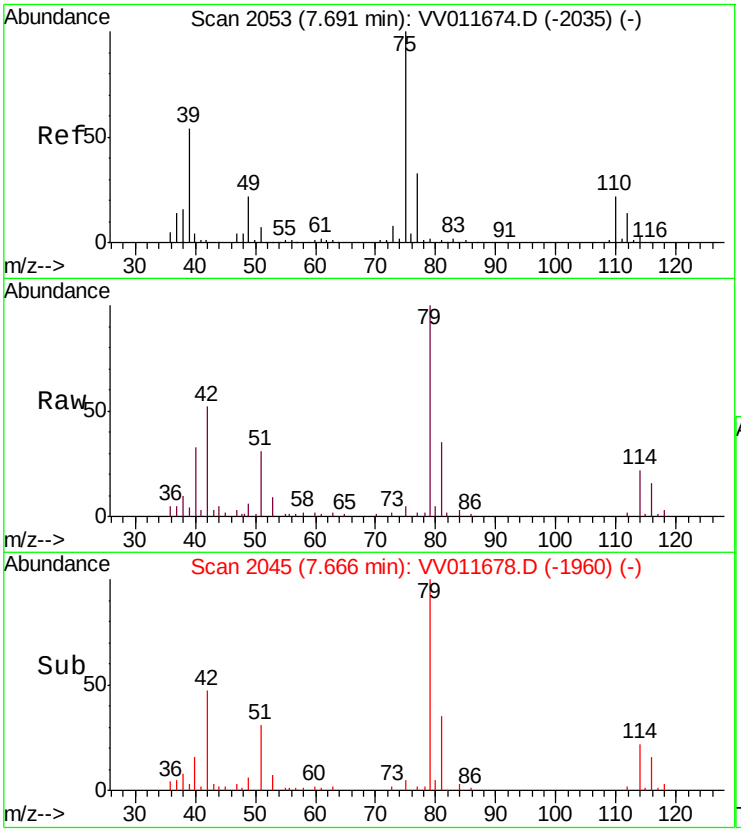


#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 63 Resp: 8396

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.4	5.2#



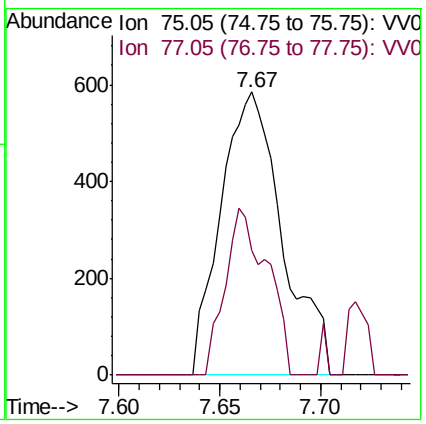


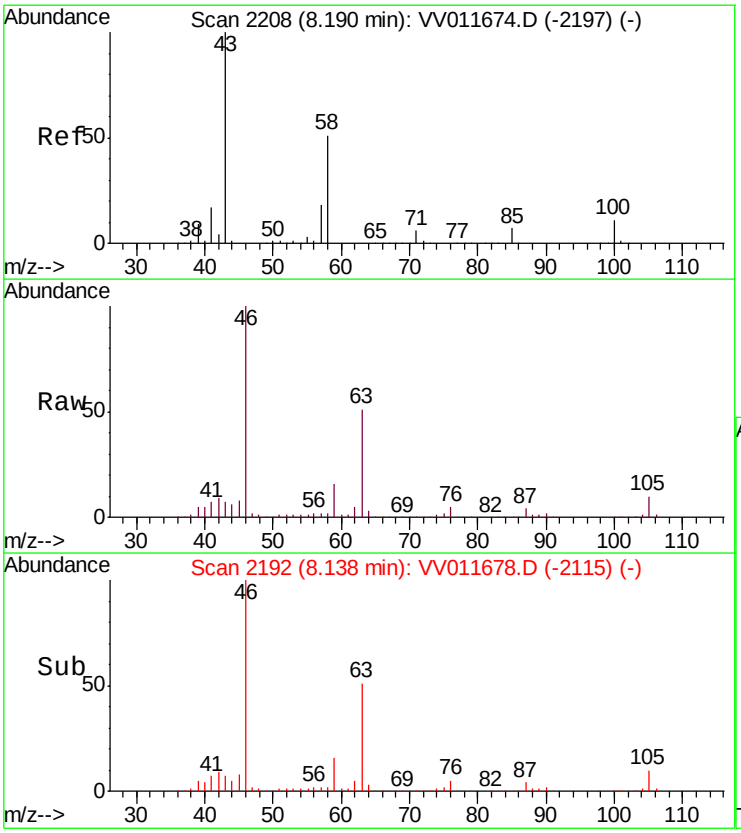
#44
trans-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFCM6

Tgt Ion: 75 Resp: 1245

Ion	Ratio	Lower	Upper
75	100		
77	44.1	22.7	42.1#





#48
2-Hexanone
Concen: 2.924 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011678.D
Acq: 21 Jun 2019 12:22

Tgt Ion: 43 Resp: 16073

Ion	Ratio	Lower	Upper
43	100		
58	27.6	40.1	60.1#
57	30.2	14.4	21.6#
100	2.2	8.6	12.8#