Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011625.D
Acq On : 19 Jun 2019 18:32
Operator : SY/MD
Sample : K3381-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ3

Quant Time: Jun 20 02:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58052	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62410	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.56	69	45139	6.13	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.60%			
11) 1,1-Dichloroethene-d2	2.12	63	90590	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	3.94	46	158083	48.33	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.66%			
24) Chloroform-d	4.40	84	98963	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.08	65	64118	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.09	84	233384	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
36) 1,2-Dichloropropane-d6	6.12	67	70308	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.36	98	200379	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	7.66	79	21253	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.13	63	116614	44.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47594	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	64302	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2428	0.163	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1231	0.133	ug/L #	50
12) 1,1-Dichloroethene	2.13	96	1240	0.129	ug/L #	1
13) Acetone	2.19	43	4721	2.142	ug/L	98
19) 1,1-Dichloroethane	3.23	63	2713	0.121	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	1531	0.125	ug/L	99
25) Chloroform	4.42	83	13081	0.582	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	2224	0.125	ug/L #	21
34) Trichloroethene	5.96	95	5110	0.430	ug/L	96
35) Methylcyclohexane	6.12	83	17441	1.030	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8656	0.698	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1181	0.099	ug/L #	78
47) Tetrachloroethene	8.01	164	899	0.106	ug/L	93
49) Dibromochloromethane	8.02	129	988	0.119	ug/L #	12

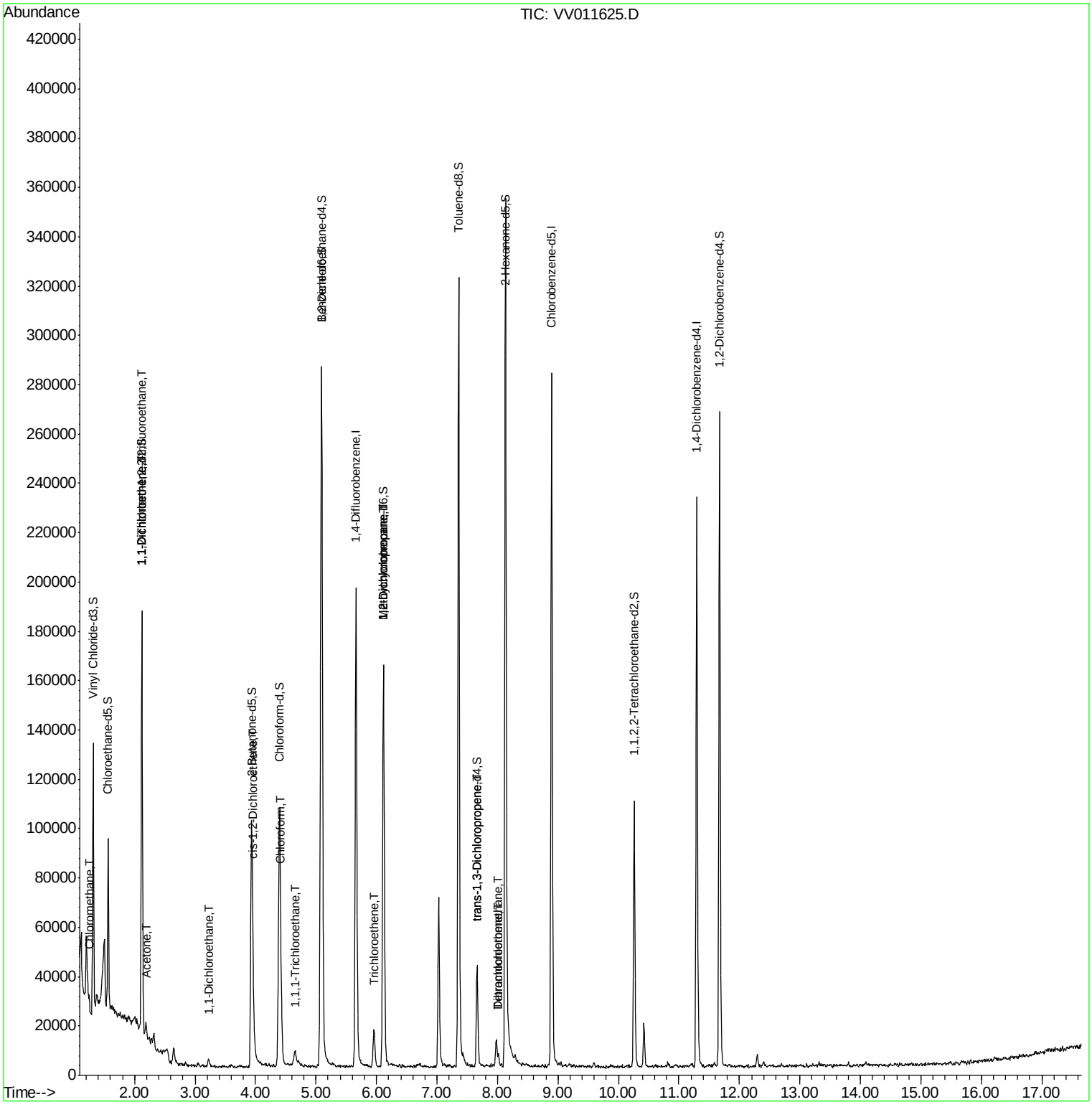
(#) = qualifier out of range (m) = manual integration (+) = signals summed

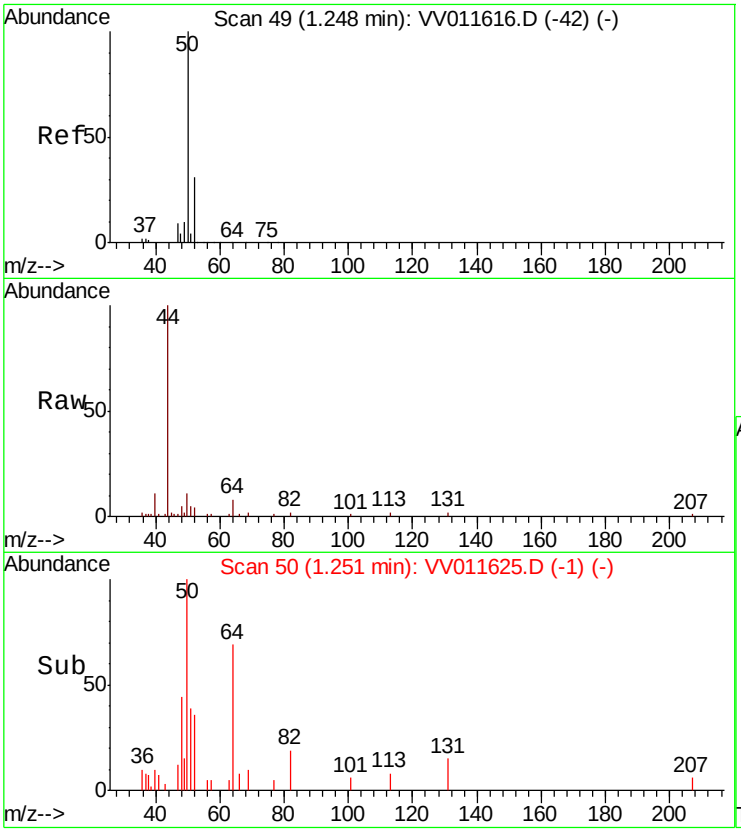
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011625.D
Acq On : 19 Jun 2019 18:32
Operator : SY/MD
Sample : K3381-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Quant Time: Jun 20 02:11:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration



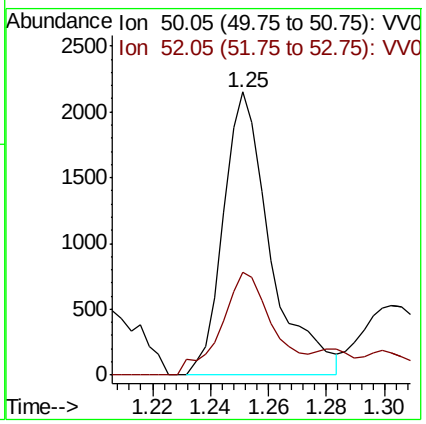


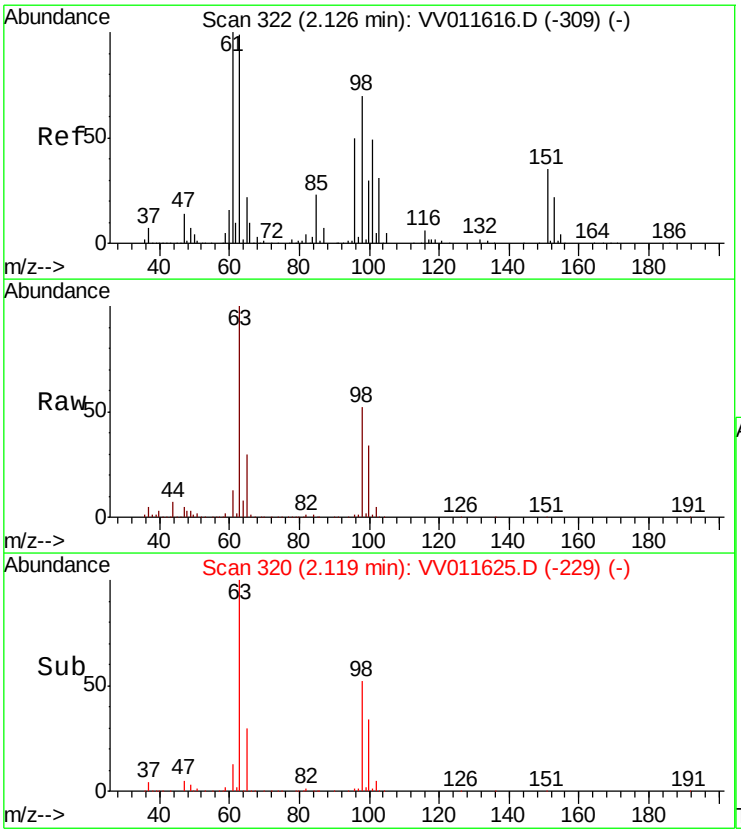
#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Tgt Ion: 50 Resp: 2428

Ion	Ratio	Lower	Upper
50	100		
52	36.2	22.7	42.1

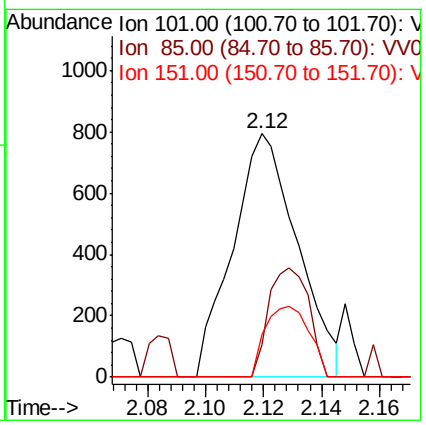


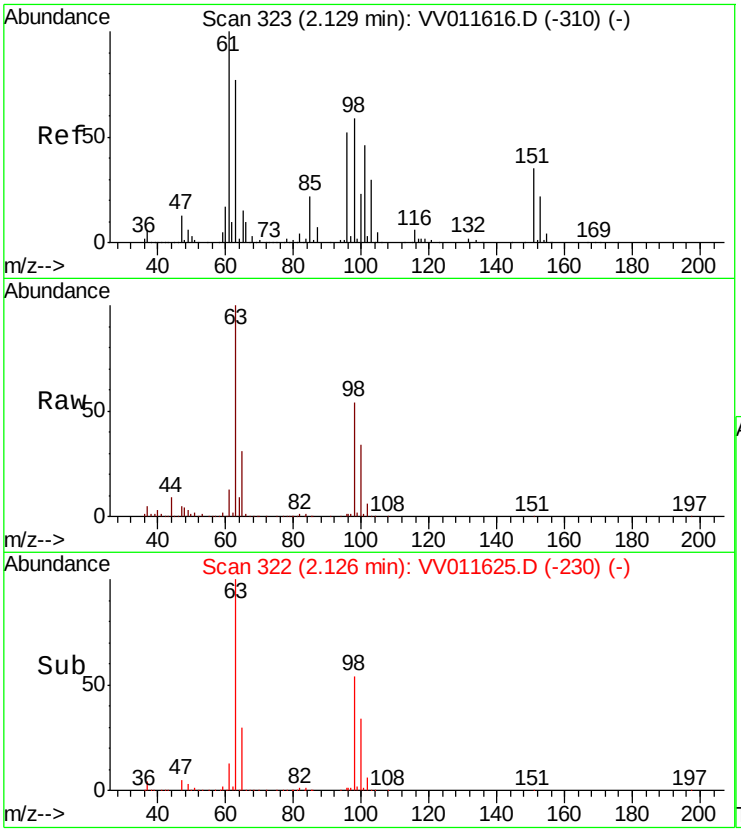


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.133 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion:101 Resp: 1231

Ion	Ratio	Lower	Upper
101	100		
85	28.0	37.3	55.9#
151	19.7	59.4	89.2#



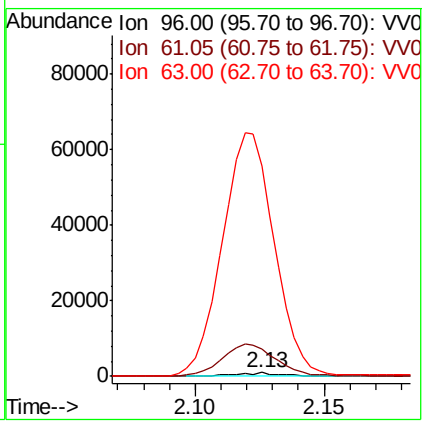


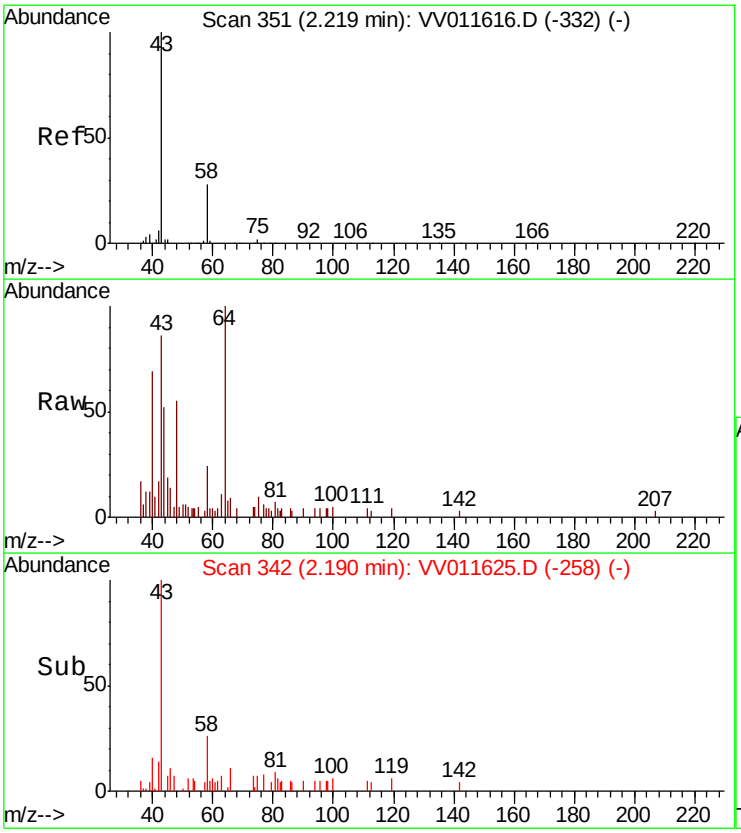
#12
1,1-Dichloroethene
Concen: 0.129 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Tgt Ion: 96 Resp: 1240

Ion	Ratio	Lower	Upper
96	100		
61	737.9	135.9	252.5#
63	5745.8	86.2	160.2#

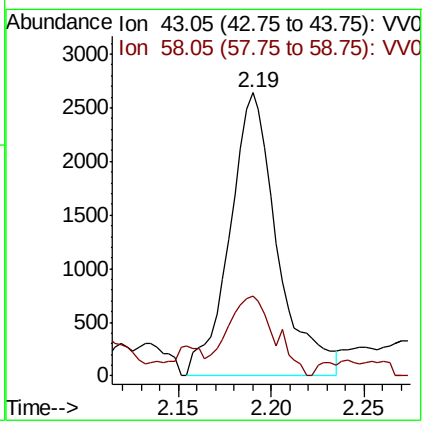


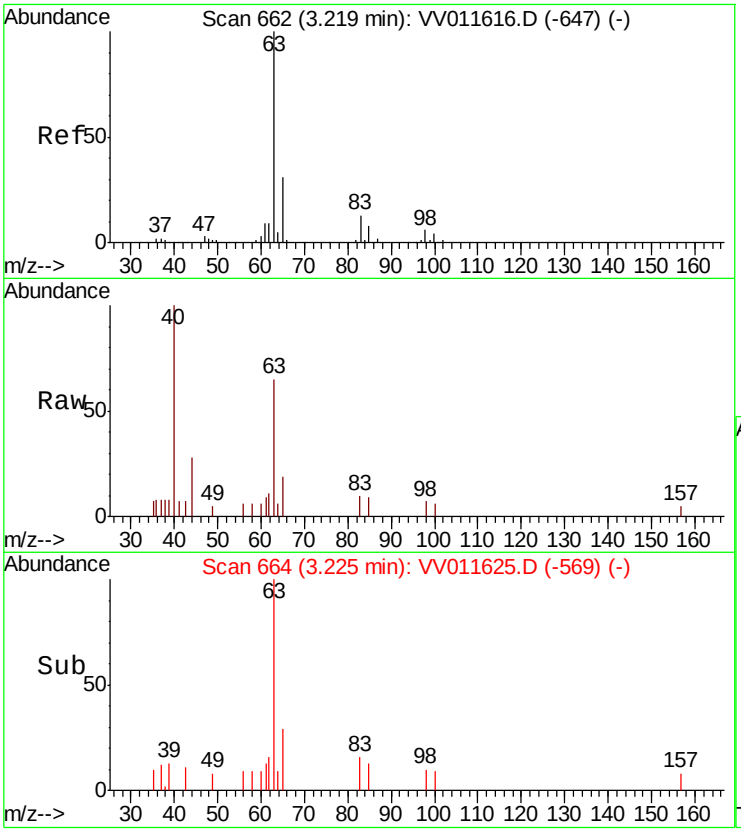


#13
Acetone
Concen: 2.142 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.03 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion: 43 Resp: 4721

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	57.8



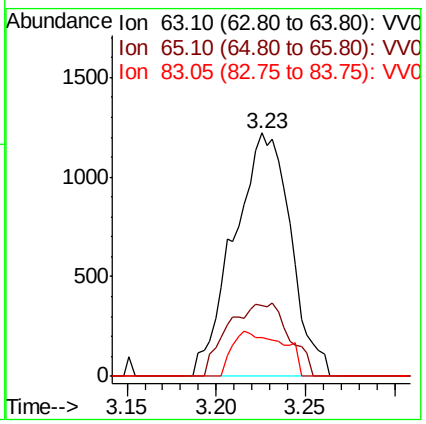


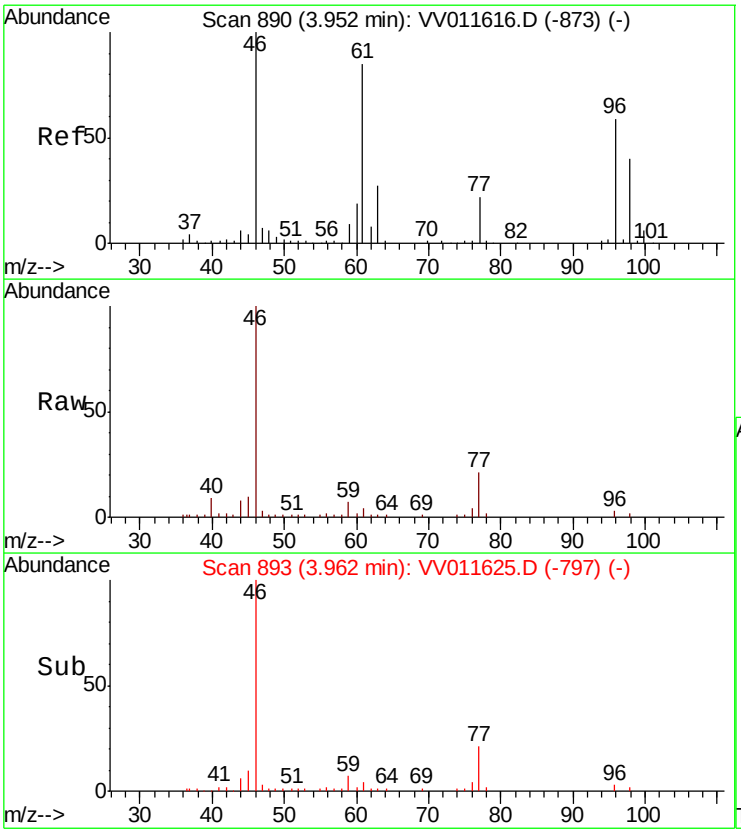
#19
1,1-Dichloroethane
Concen: 0.121 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.01 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Tgt Ion: 63 Resp: 2713

Ion	Ratio	Lower	Upper
63	100		
65	26.6	22.5	41.9
83	14.6	10.1	18.9

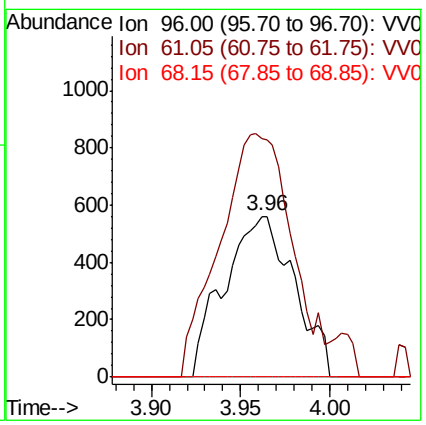


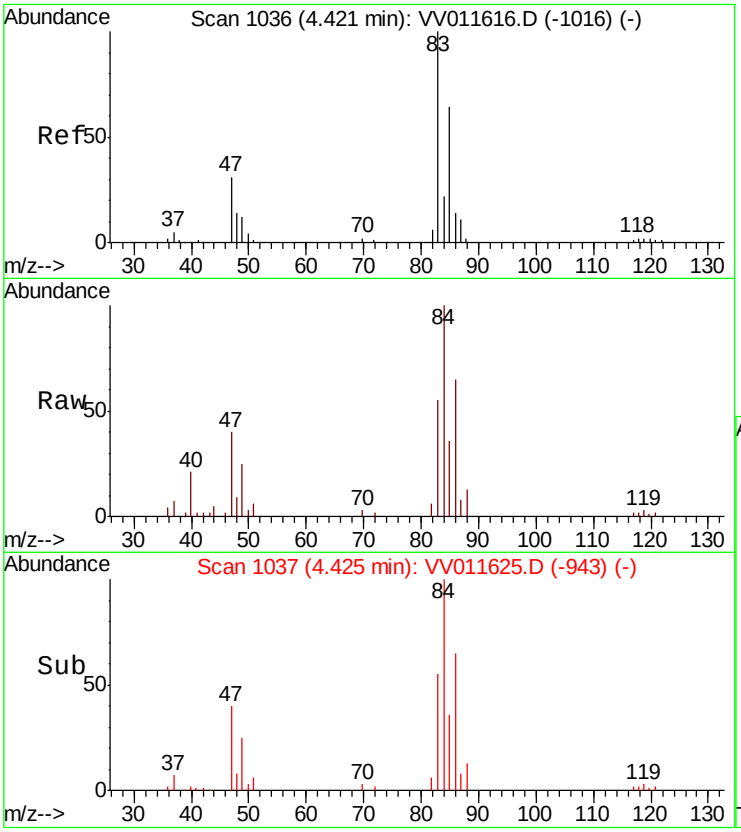


#22
cis-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion: 96 Resp: 1531

Ion	Ratio	Lower	Upper
96	100		
61	147.9	102.2	189.8
68	0.0	0.0	0.0



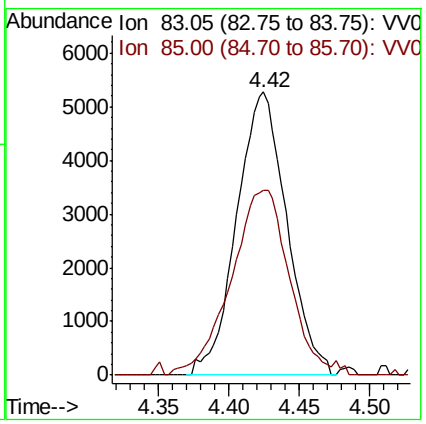


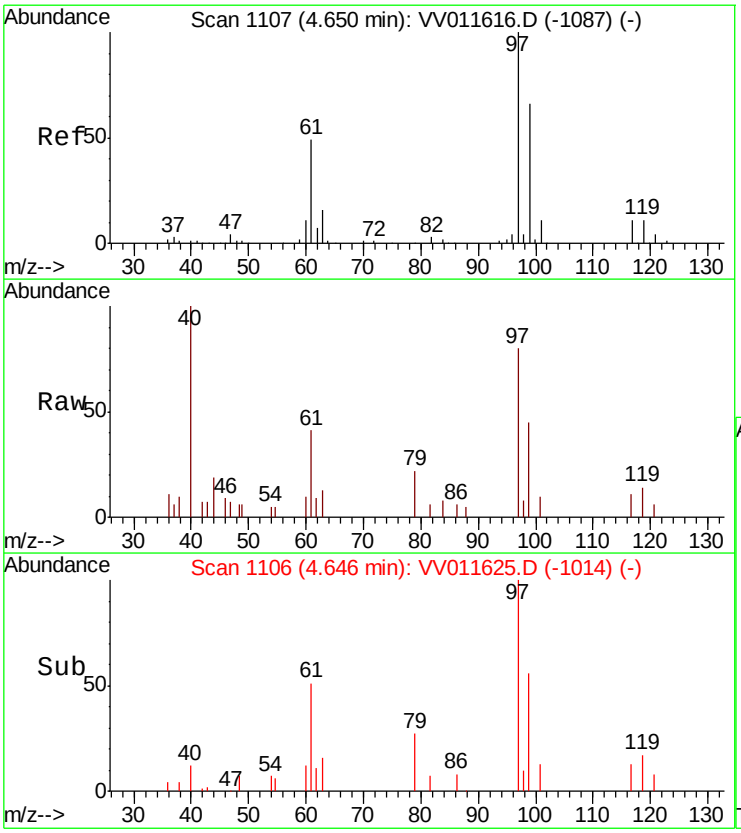
#25
Chloroform
Concen: 0.582 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument : MSVOA_V
ClientSampleId : BFCQ3

Tgt Ion: 83 Resp: 13081

Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.6	82.8

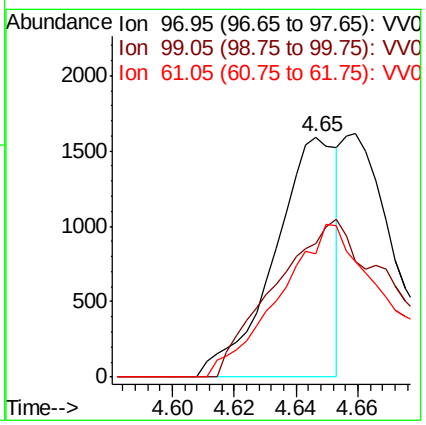


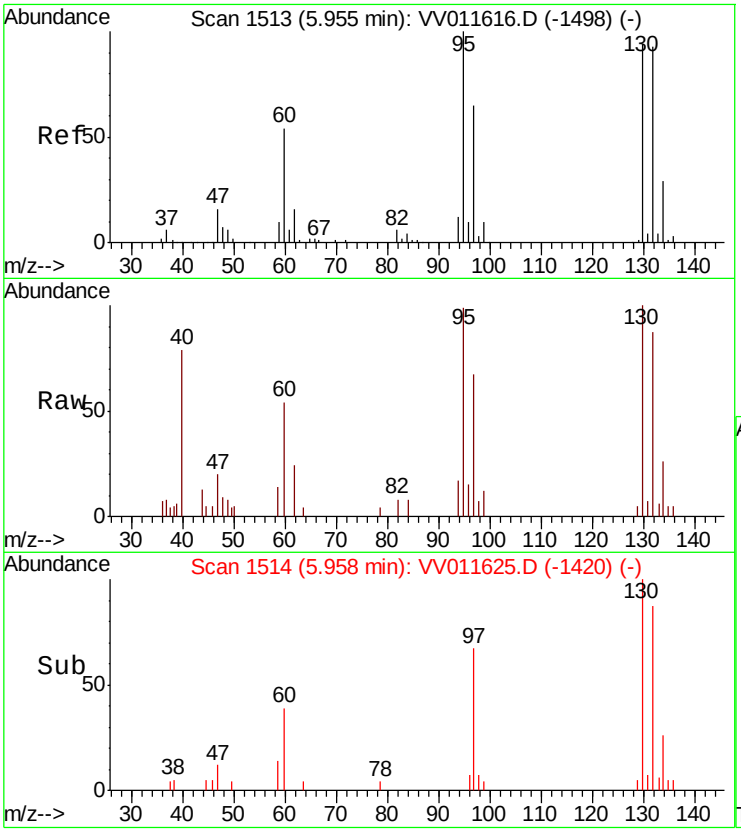


#29
1,1,1-Trichloroethane
Concen: 0.125 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion: 97 Resp: 2224

Ion	Ratio	Lower	Upper
97	100		
99	120.9	51.6	77.4#
61	111.3	40.4	60.6#



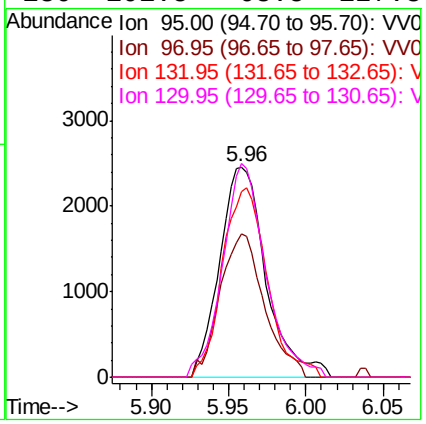


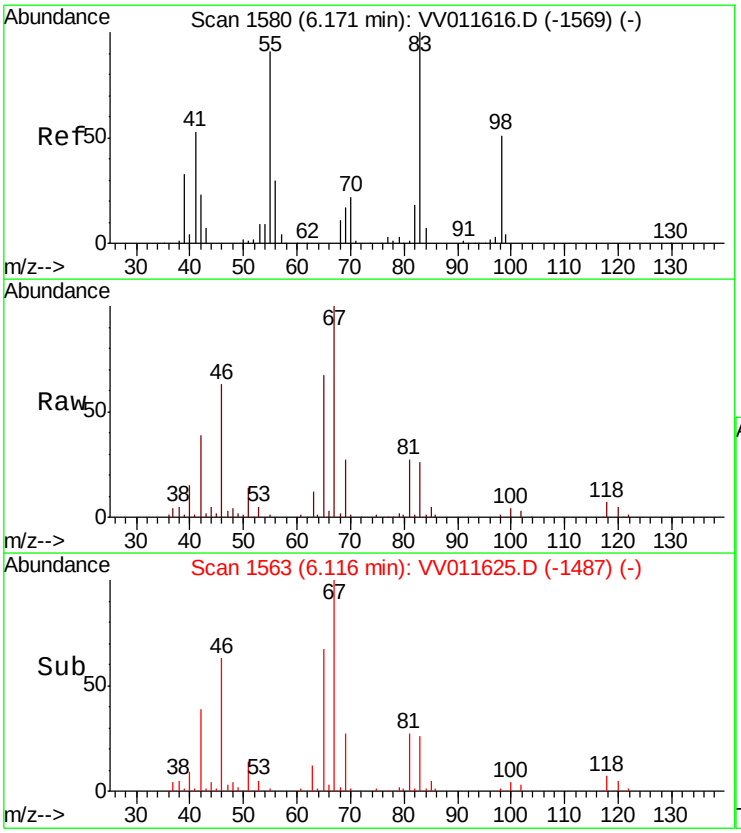
#34
Trichloroethene
Concen: 0.430 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Tgt Ion: 95 Resp: 5110

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.4	82.4
132	88.0	63.5	117.9
130	101.5	68.5	127.3

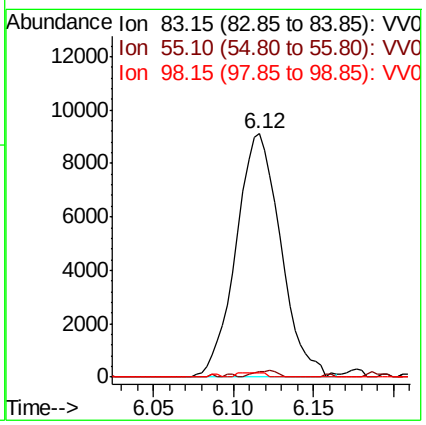


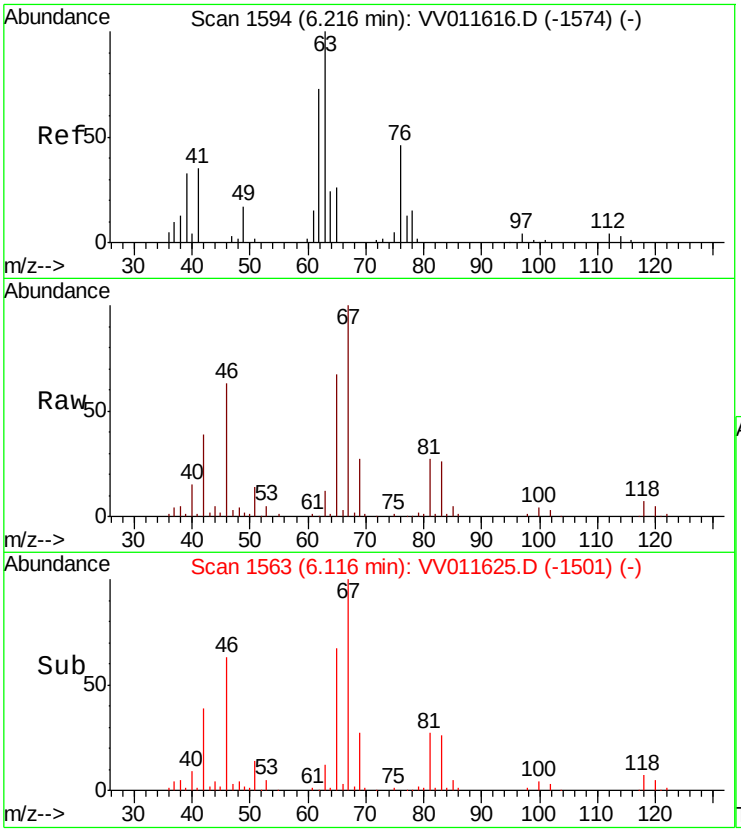


#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion: 83 Resp: 17441

Ion	Ratio	Lower	Upper
83	100		
55	1.4	67.9	101.9#
98	1.1	39.6	59.4#



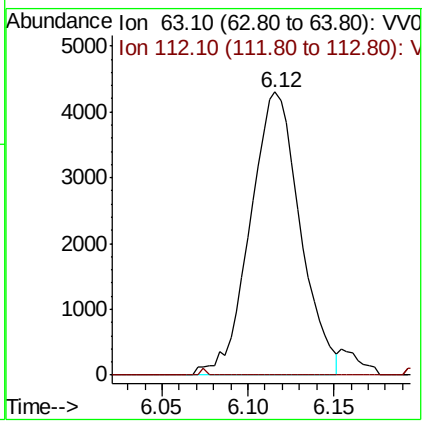


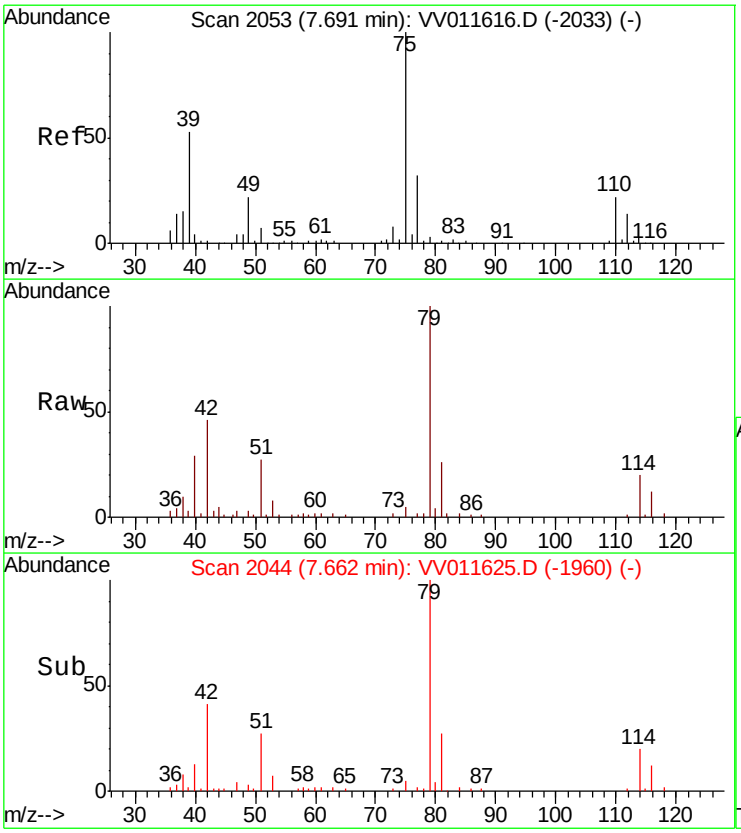
#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument : MSVOA_V
ClientSampleId : BFCQ3

Tgt Ion: 63 Resp: 8656

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#

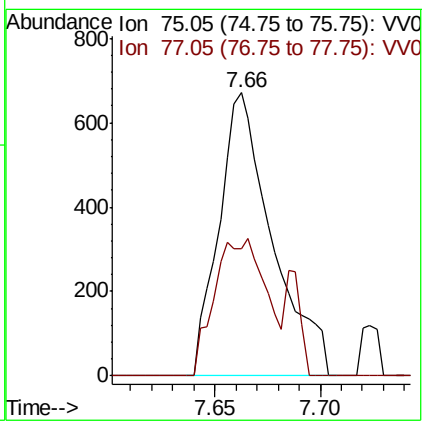


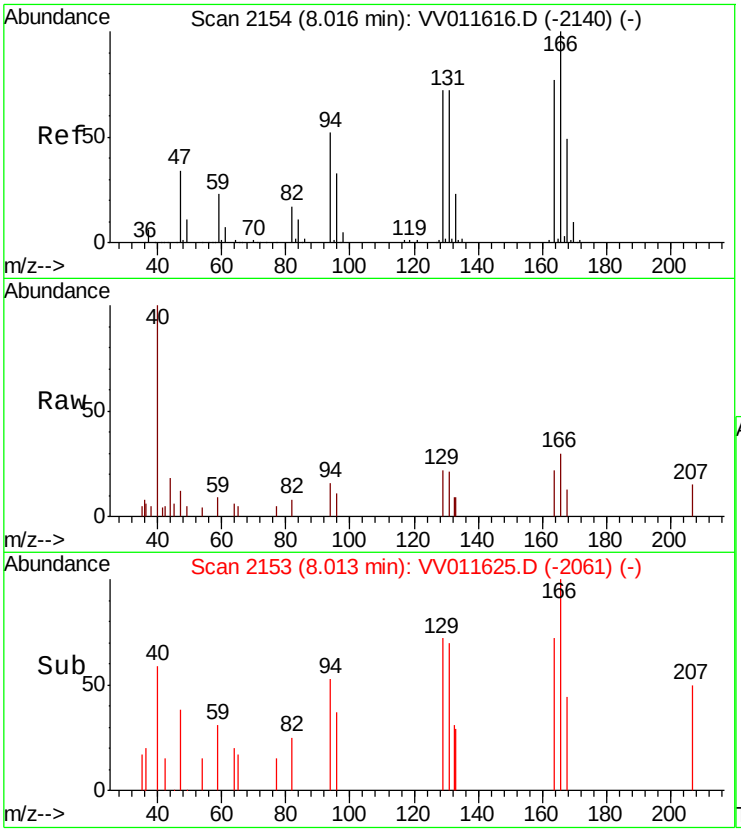


#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion: 75 Resp: 1181

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.8	42.4#



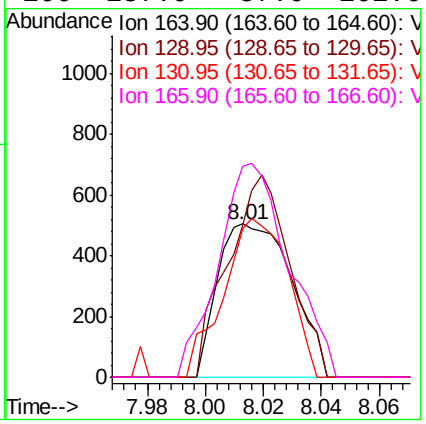


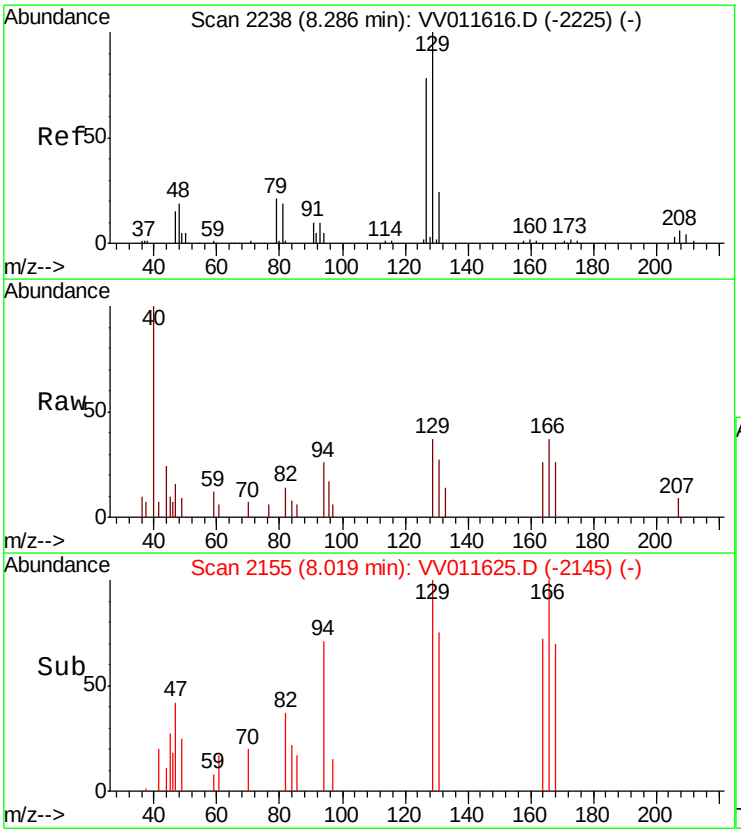
#47
Tetrachloroethene
Concen: 0.106 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Instrument :
MSVOA_V
ClientSampleId :
BFCQ3

Tgt Ion:164 Resp: 899

Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.8	127.8
131	96.6	63.2	117.4
166	137.9	87.0	161.6





#49
Dibromochloromethane
Concen: 0.119 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV011625.D
Acq: 19 Jun 2019 18:32

Tgt Ion:129 Resp: 988

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#