Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\

Quantitation Report (Not Reviewed)

Data File : VV011353.D
Acq On : 10 Jun 2019 16:35
Operator : SY/MD
Sample : K3226-08RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN6

Quant Time: Jun 11 01:36:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142230	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	128563	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50312	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	41448	3.85	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%				
7) Chloroethane-d5	1.57	69	38692	4.32	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%				
11) 1,1-Dichloroethene-d2	2.12	63	66427	3.08	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%				
20) 2-Butanone-d5	3.96	46	123663	50.97	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.94%				
24) Chloroform-d	4.40	84	86915	4.58	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%				
26) 1,2-Dichloroethane-d4	5.08	65	49866	4.86	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%				
32) Benzene-d6	5.09	84	170009	4.42	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%				
36) 1,2-Dichloropropane-d6	6.12	67	54776	4.62	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%				
41) Toluene-d8	7.36	98	141677	4.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%				
43) trans-1,3-Dichloropropene-	7.66	79	12280	2.72	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 54.40%#				
46) 2-Hexanone-d5	8.13	63	89185	46.75	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.50%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38509	4.77	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%				
64) 1,2-Dichlorobenzene-d4	11.67	152	46197	4.65	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	3166	0.233	ug/L		100
5) Vinyl chloride	1.32	62	7970	0.609	ug/L	#	74
6) Bromomethane	1.53	94	1129	0.166	ug/L		99
8) Chloroethane	1.32	64	4761	0.569	ug/L		99
12) 1,1-Dichloroethene	2.13	96	2950	0.329	ug/L	#	1
13) Acetone	2.21	43	5322	3.271	ug/L		99
17) Methyl tert-butyl Ether	2.81	73	5726	0.239	ug/L	#	82
18) trans-1,2-Dichloroethene	2.78	96	1373	0.137	ug/L		94
22) cis-1,2-Dichloroethene	3.96	96	24355	2.192	ug/L		97
34) Trichloroethene	5.96	95	313887	29.701	ug/L		98
35) Methylcyclohexane	6.12	83	13493	0.772	ug/L	#	18
37) 1,2-Dichloropropane	6.12	63	7411	0.728	ug/L	#	87
45) 1,1,2-Trichloroethane	8.01	97	830	0.127	ug/L	#	20
47) Tetrachloroethene	8.02	164	67691	8.863	ug/L		98
48) 2-Hexanone	8.13	43	12283	2.716	ug/L	#	80
49) Dibromochloromethane	8.02	129	63354	8.557	ug/L	#	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\

Quantitation Report (Not Reviewed)

Data File : VV011353.D
Acq On : 10 Jun 2019 16:35
Operator : SY/MD
Sample : K3226-08RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Quant Time: Jun 11 01:36:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

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

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

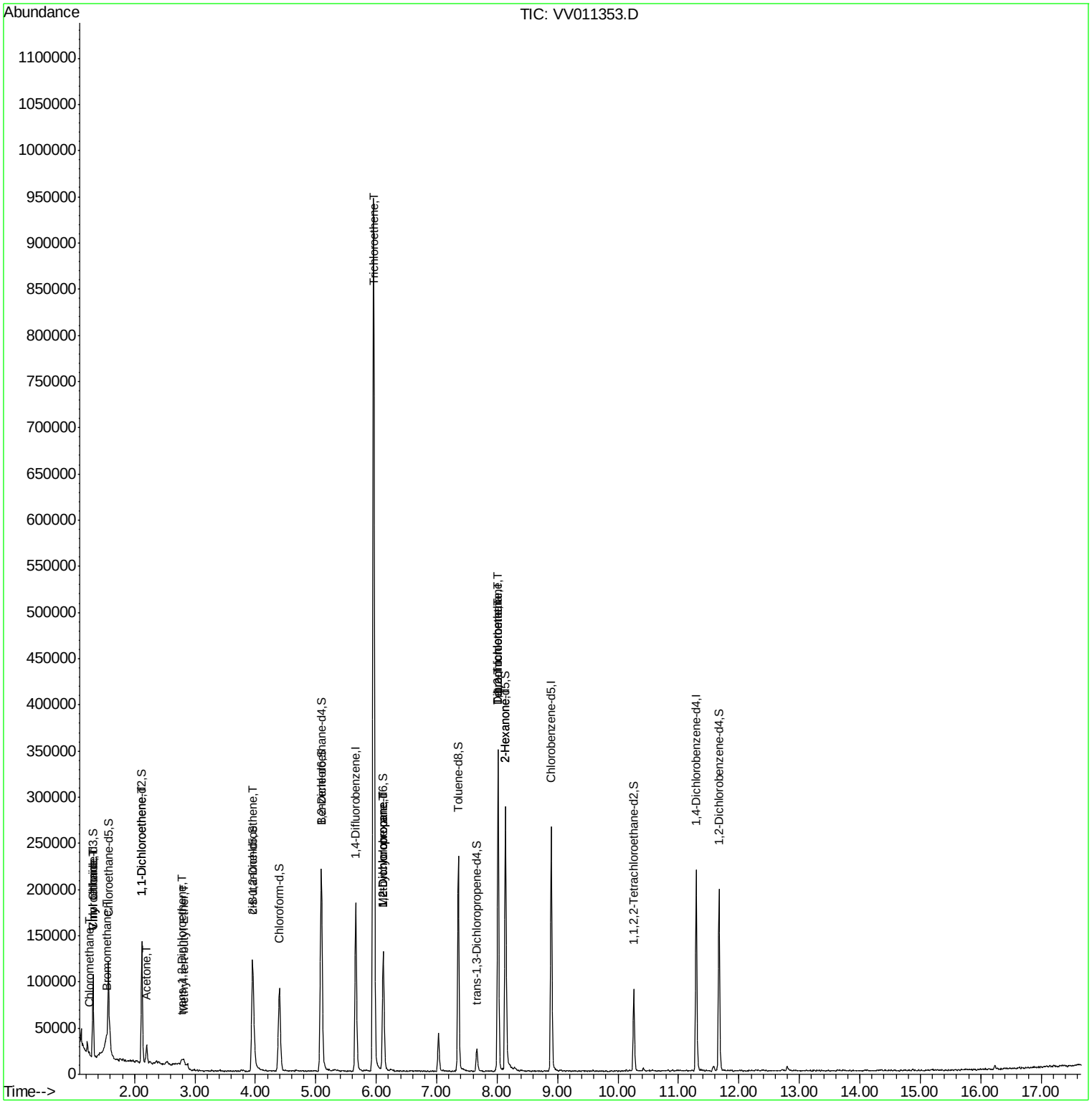
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\

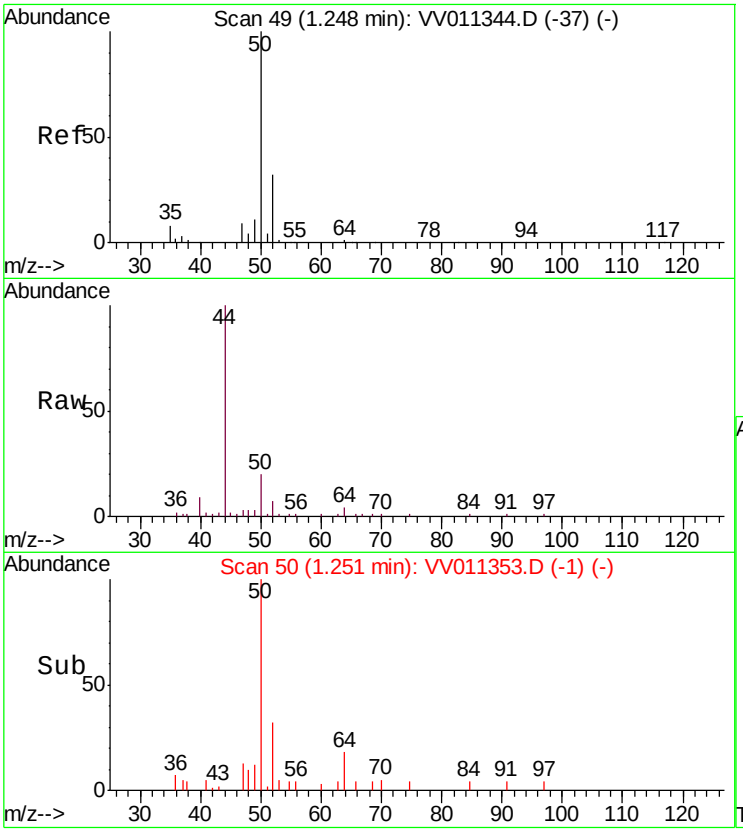
Quantitation Report (Not Reviewed)

Data File : VV011353.D
Acq On : 10 Jun 2019 16:35
Operator : SY/MD
Sample : K3226-08RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN6

Quant Time: Jun 11 01:36:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration



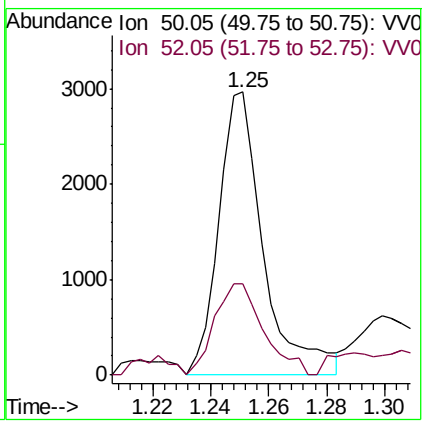


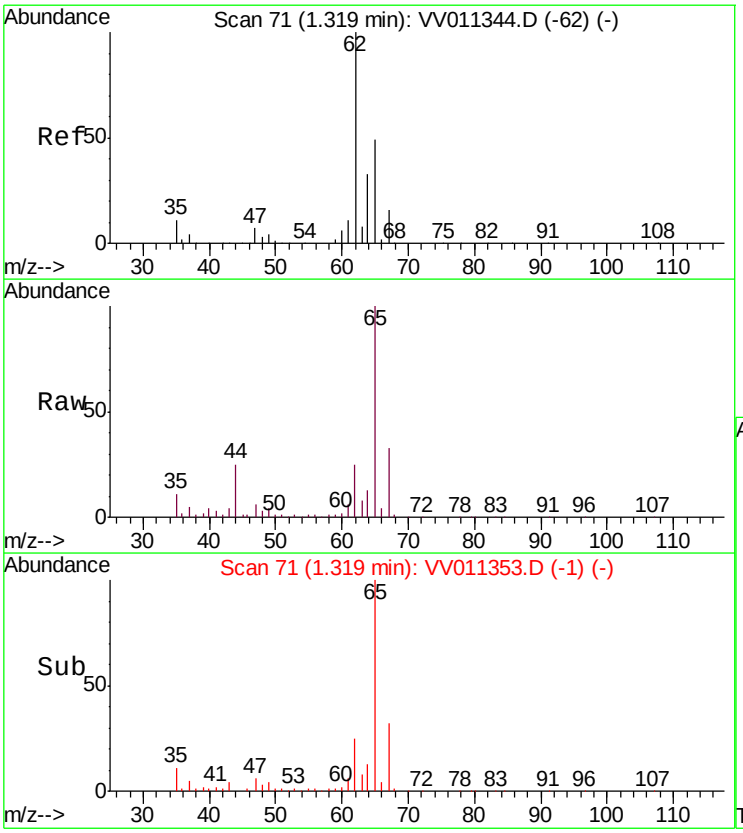
#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 50 Resp: 3166

Ion	Ratio	Lower	Upper
50	100		
52	32.1	22.3	41.5

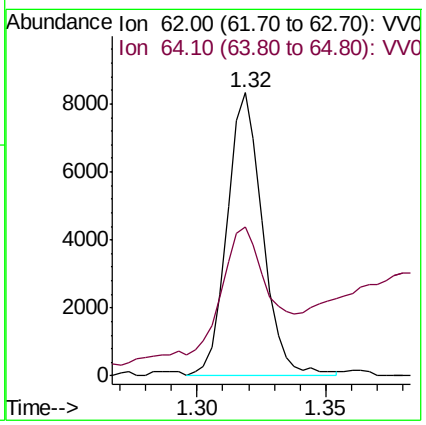


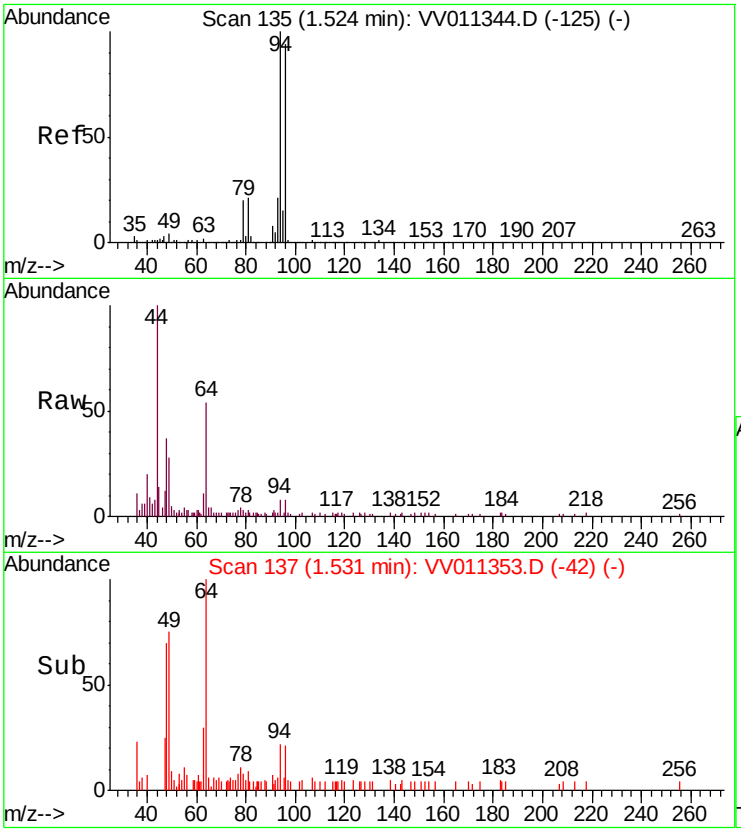


#5
Vinyl chloride
Concen: 0.609 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 62 Resp: 7970

Ion	Ratio	Lower	Upper
62	100		
64	52.5	25.9	48.1#



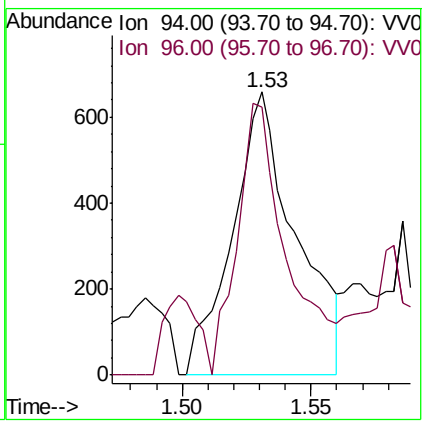


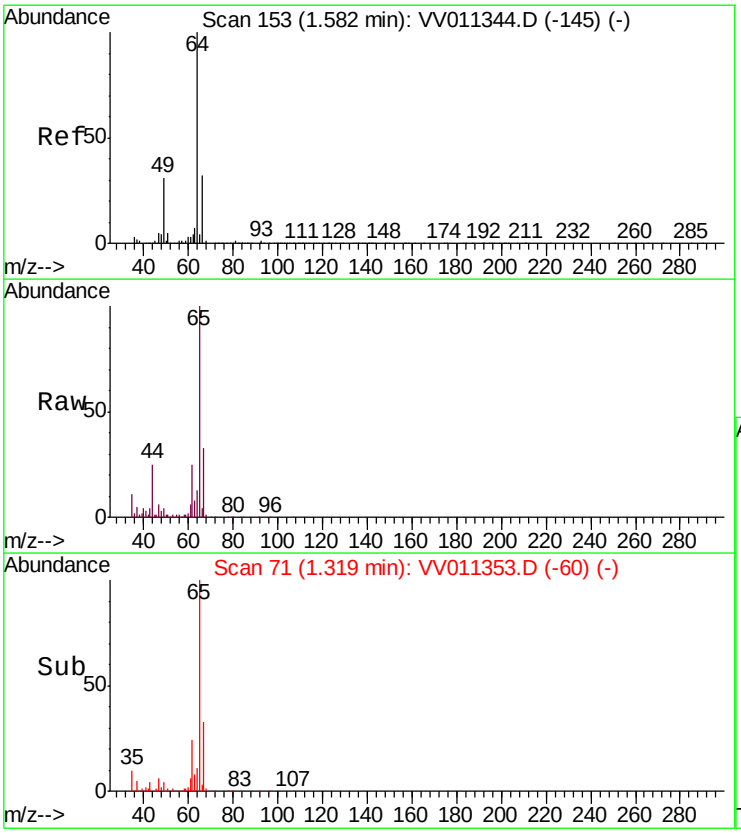
#6
Bromomethane
Concen: 0.166 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.01 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 94 Resp: 1129

Ion	Ratio	Lower	Upper
94	100		
96	94.8	67.0	124.4

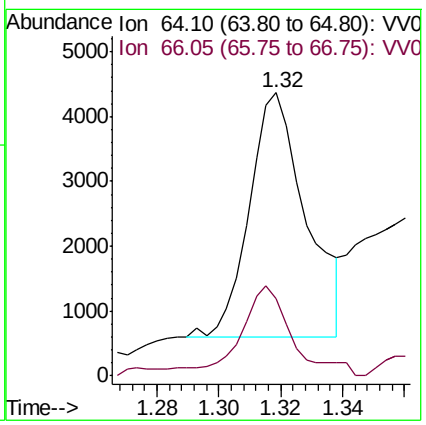


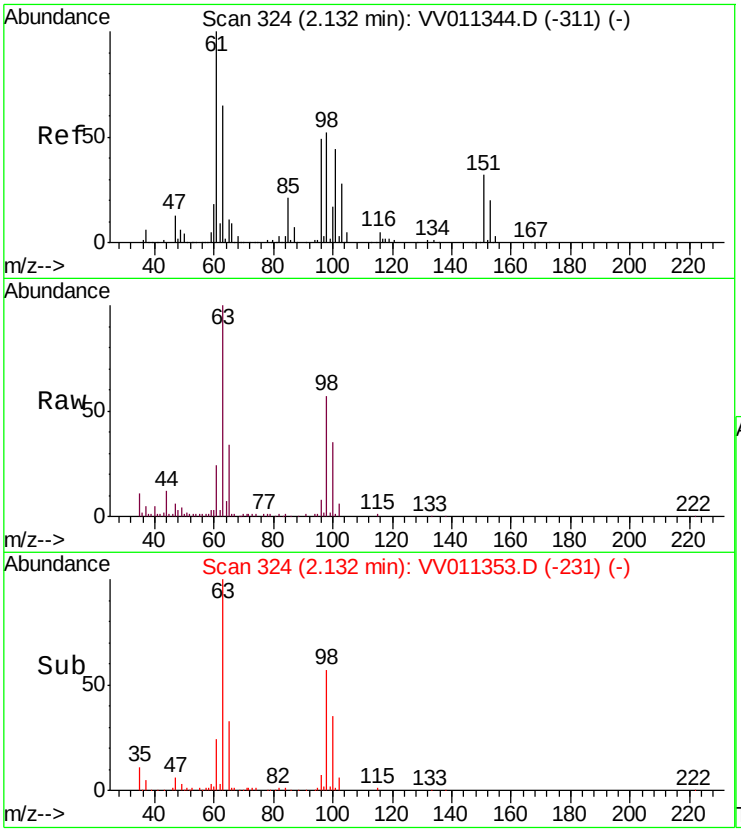


#8
Chloroethane
Concen: 0.569 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.26 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 64 Resp: 4761

Ion	Ratio	Lower	Upper
64	100		
66	27.2	19.4	36.0



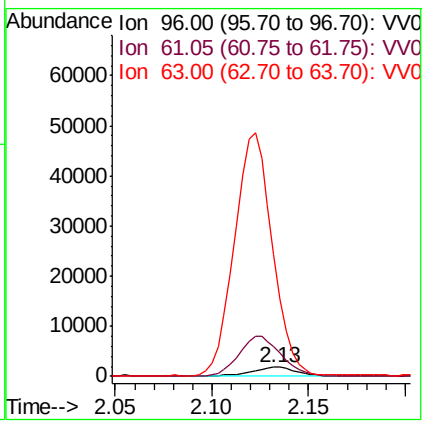


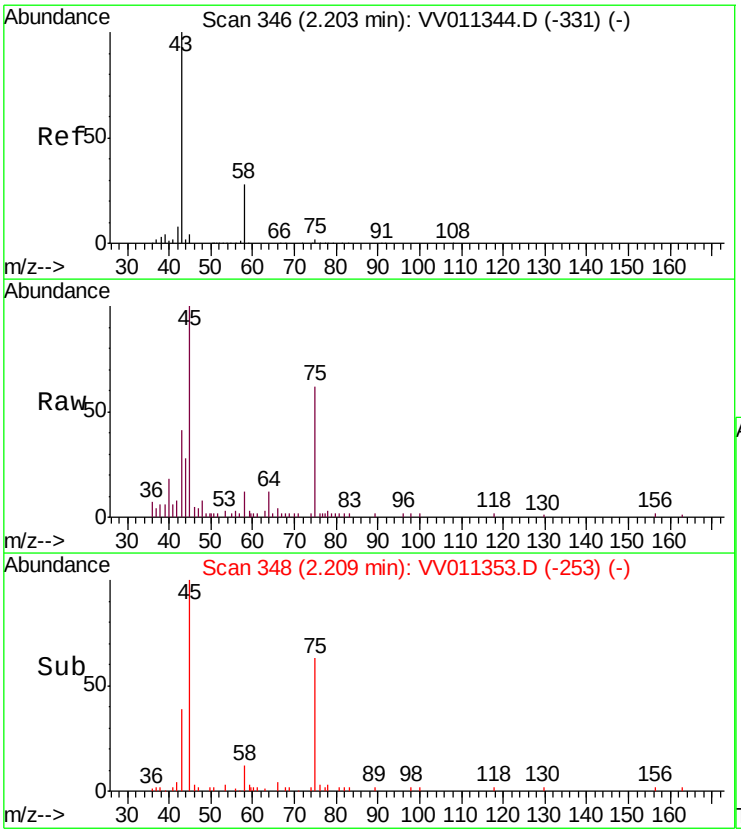
#12
1,1-Dichloroethene
Concen: 0.329 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 96 Resp: 2950

Ion	Ratio	Lower	Upper
96	100		
61	323.0	139.8	259.6#
63	1328.2	94.3	175.1#

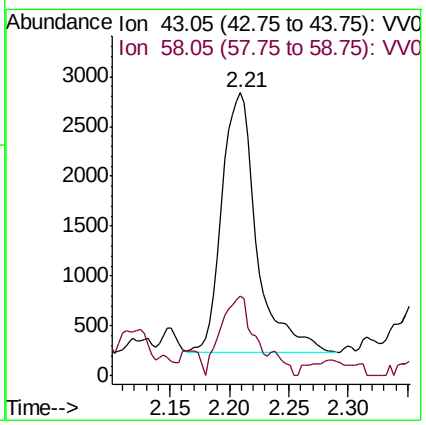


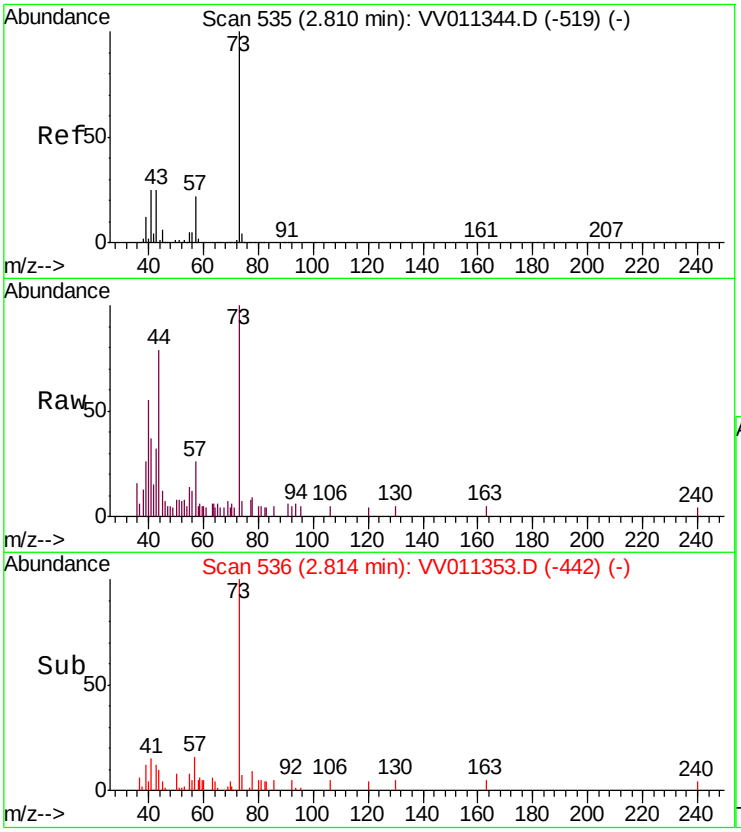


#13
Acetone
Concen: 3.271 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 43 Resp: 5322

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	55.2



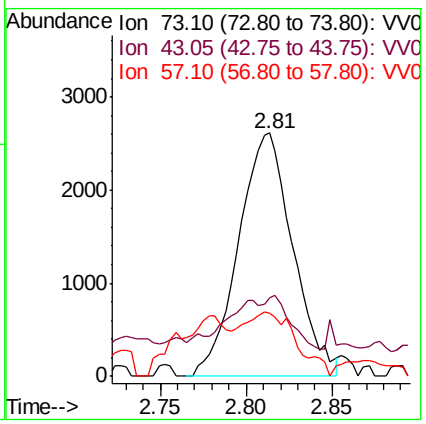


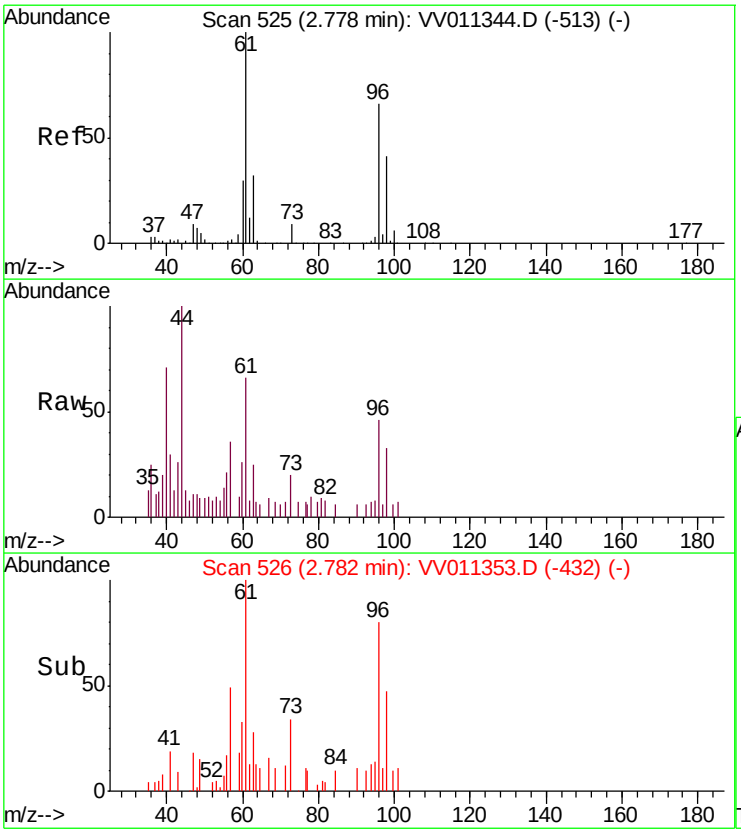
#17
Methyl tert-butyl Ether
Concen: 0.239 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 73 Resp: 5726

Ion	Ratio	Lower	Upper
73	100		
43	10.4	18.7	28.1#
57	26.6	18.1	27.1

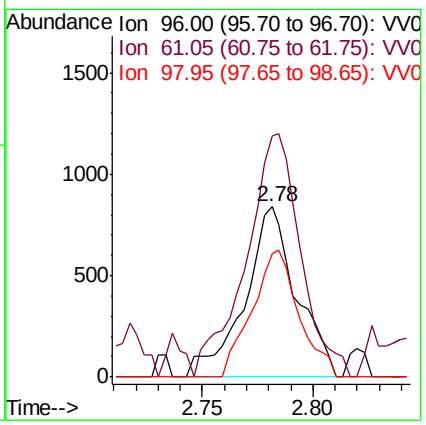


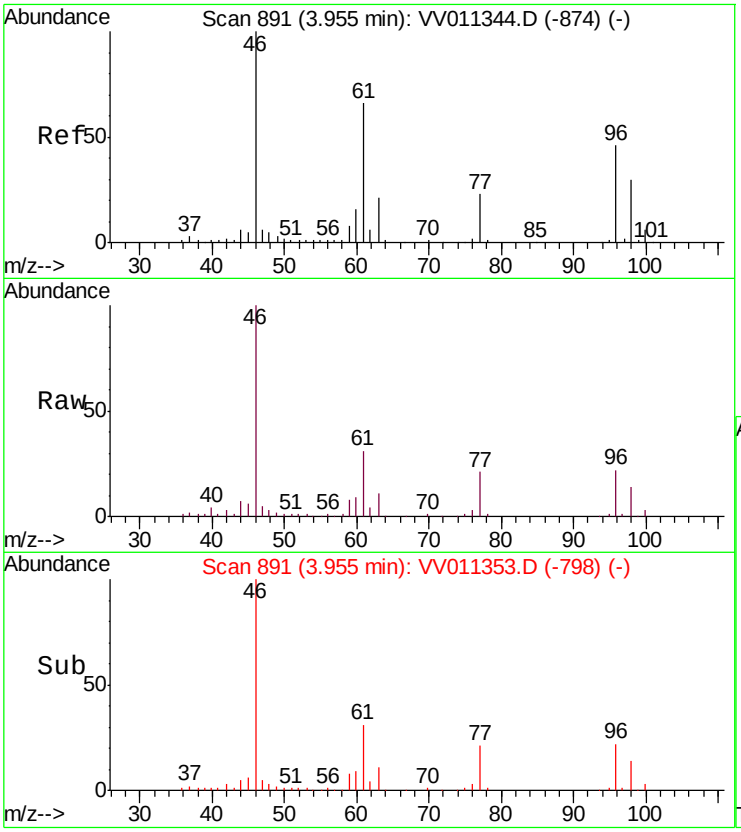


#18
trans-1,2-Dichloroethene
Concen: 0.137 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 96 Resp: 1373

Ion	Ratio	Lower	Upper
96	100		
61	141.8	104.0	193.2
98	72.1	45.7	84.9



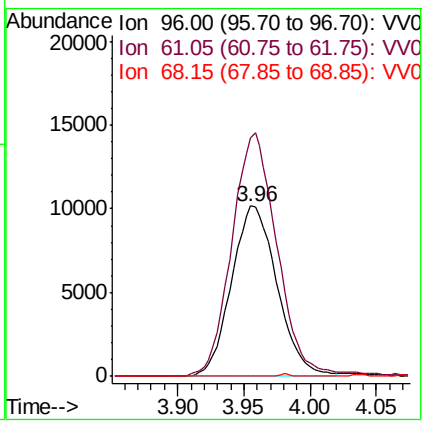


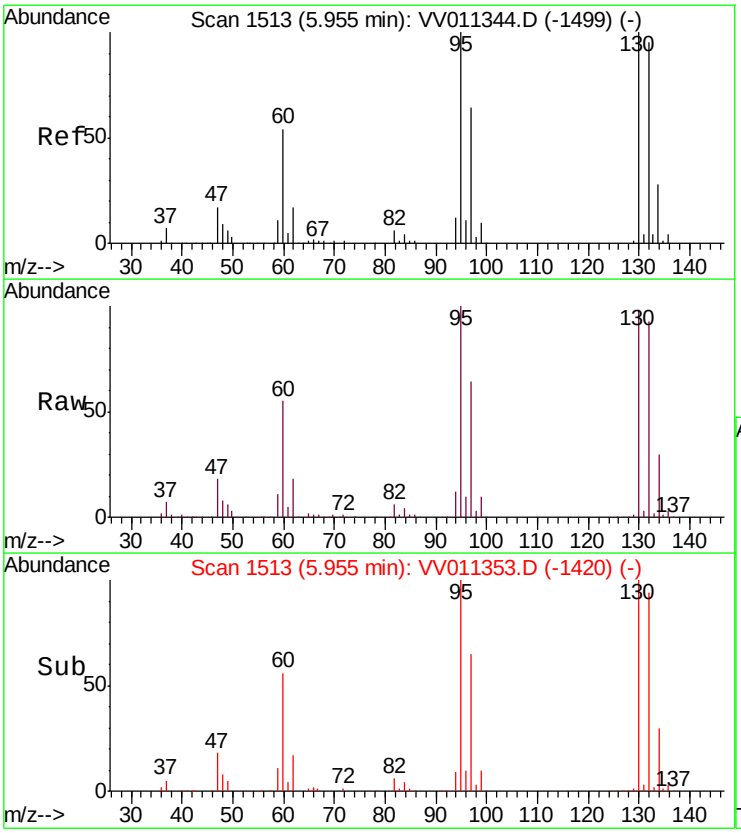
#22
cis-1,2-Dichloroethene
Concen: 2.192 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 96 Resp: 24355

Ion	Ratio	Lower	Upper
96	100		
61	140.3	100.8	187.2
68	0.0	0.0	0.0

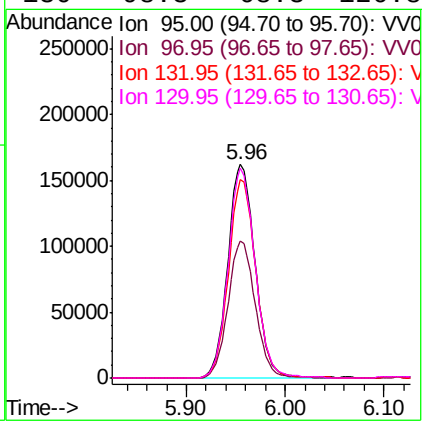


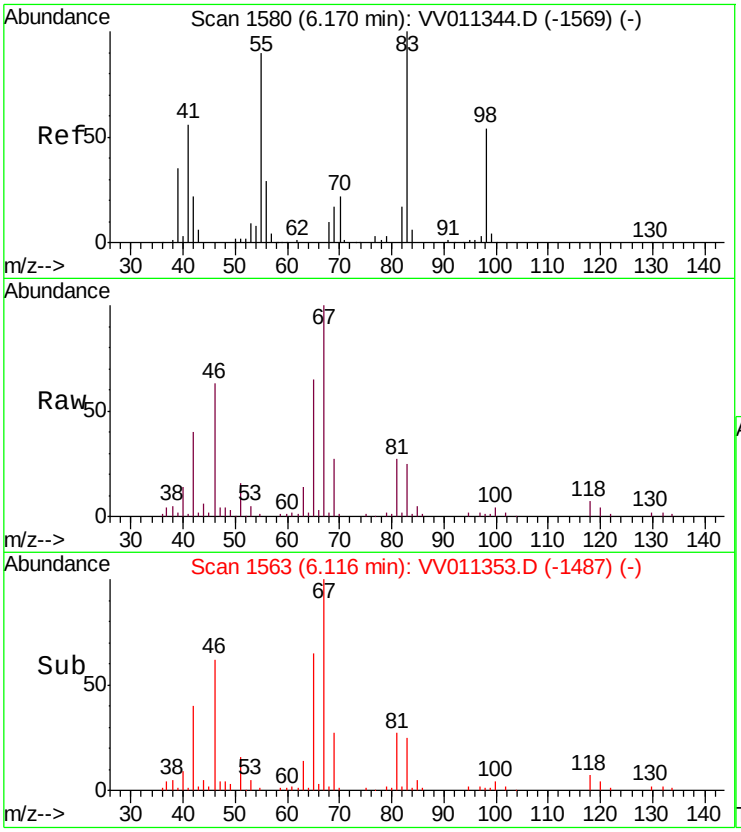


#34
Trichloroethene
Concen: 29.701 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 95 Resp: 313887

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.8	85.2
132	92.8	66.4	123.2
130	98.3	68.3	126.8



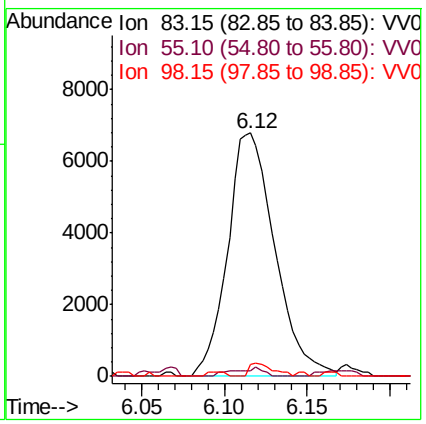


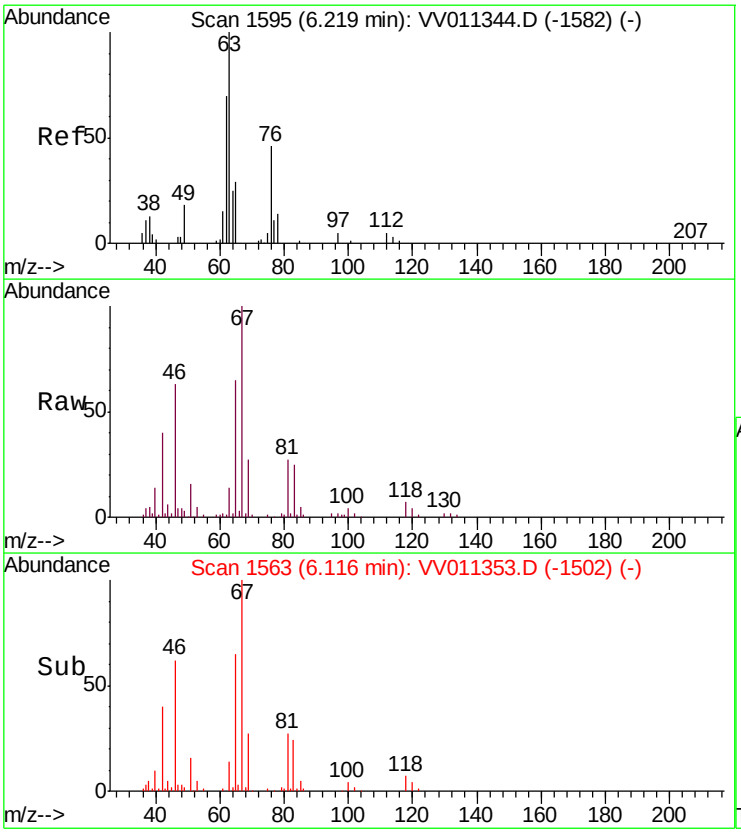
#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 83 Resp: 13493

Ion	Ratio	Lower	Upper
83	100		
55	2.1	67.0	100.6#
98	2.6	40.0	60.0#

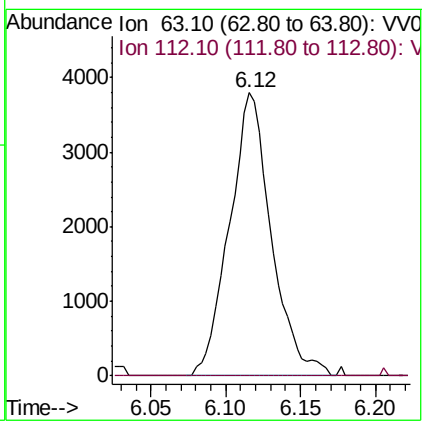


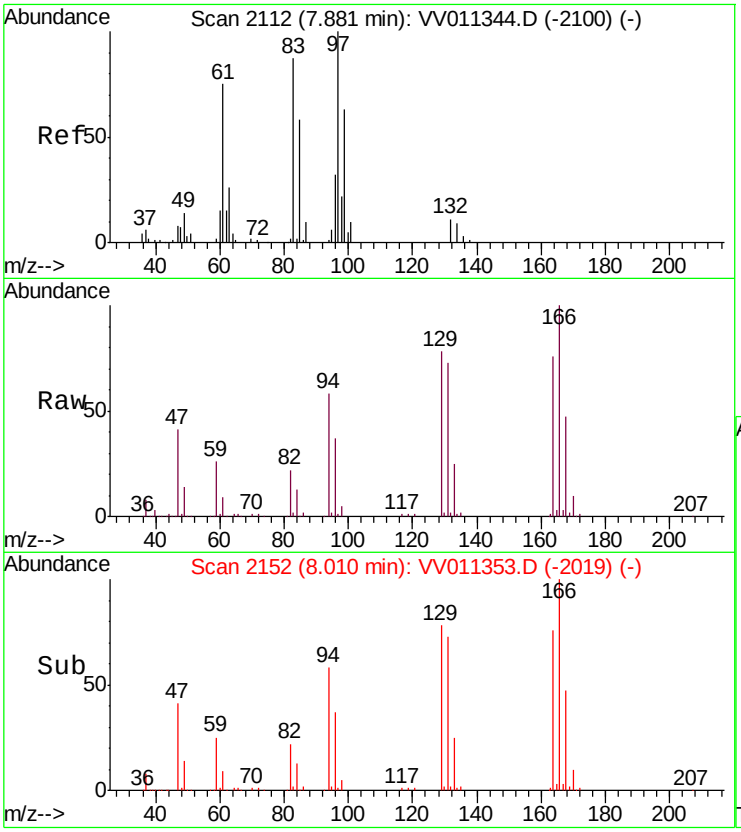


#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion: 63 Resp: 7411

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#



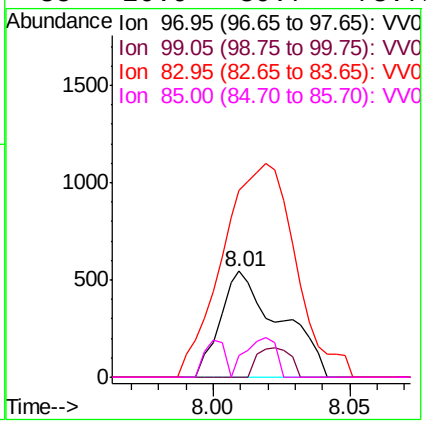


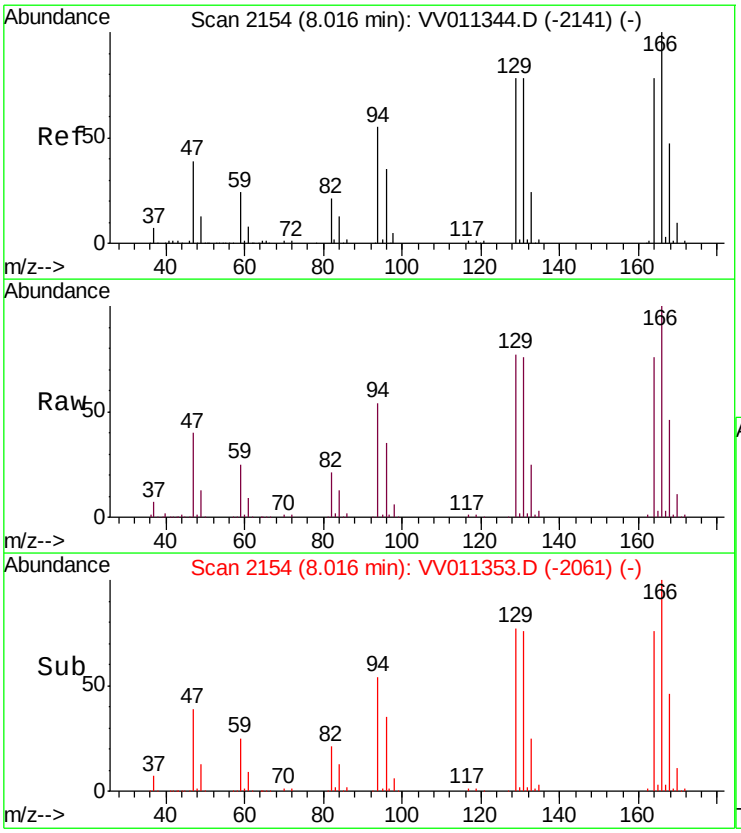
#45
1,1,2-Trichloroethane
Concen: 0.127 ug/L
RT: 8.01 min Scan# 2152
Delta R.T. 0.13 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument : MSVOA_V
ClientSampleId : BFCN6

Tgt Ion: 97 Resp: 830

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.3#
83	176.9	59.4	110.2#
85	20.9	39.7	73.7#

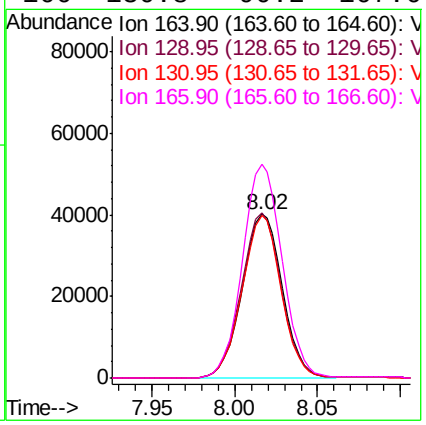


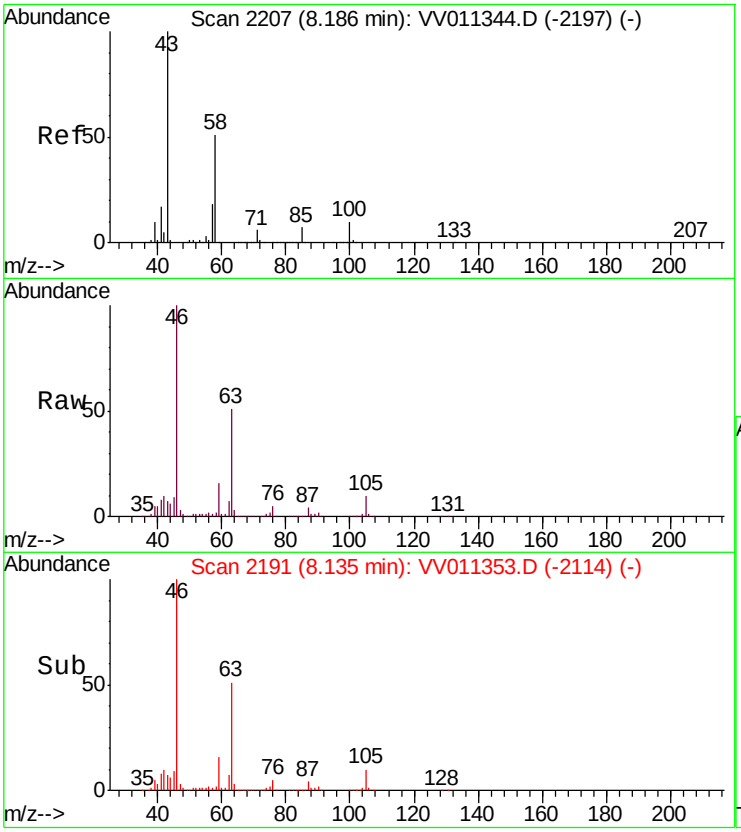


#47
Tetrachloroethene
Concen: 8.863 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion:164 Resp: 67691

Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.9	129.9
131	99.3	66.8	124.2
166	130.8	90.2	167.6



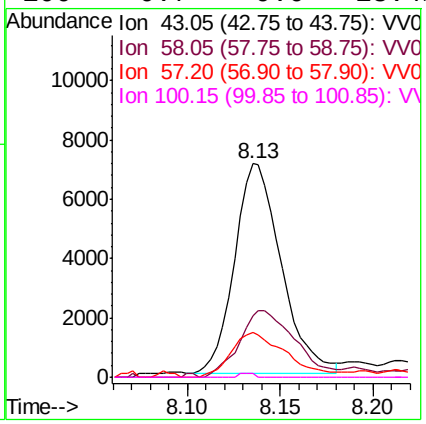


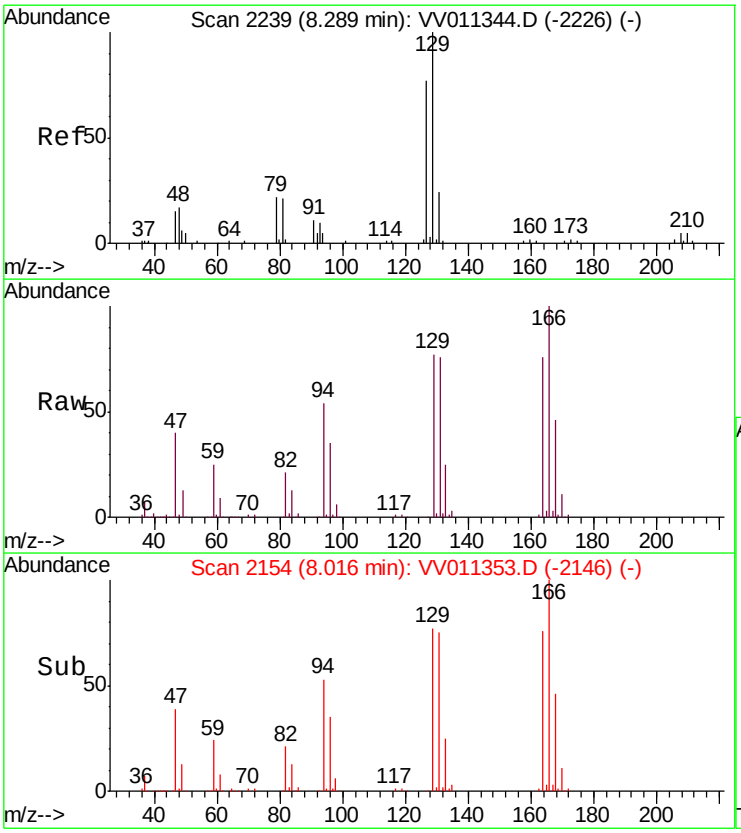
#48
2-Hexanone
Concen: 2.716 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument : MSVOA_V
ClientSampleId : BFCN6

Tgt Ion: 43 Resp: 12283

Ion	Ratio	Lower	Upper
43	100		
58	37.9	41.4	62.0#
57	25.5	15.0	22.4#
100	0.7	9.0	13.4#





#49
Dibromochloromethane
Concen: 8.557 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion:129 Resp: 63354

Ion	Ratio	Lower	Upper
129	100		
127	0.4	53.7	99.7#