Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011267.D
Acq On : 07 Jun 2019 02:54
Operator : SY/MD
Sample : K3226-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN6

Quant Time: Jun 07 03:48:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158103	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61799	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	57184	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.58	69	45370	4.56	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.12	63	89753	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.00%			
20) 2-Butanone-d5	3.96	46	153494	56.91	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.82%			
24) Chloroform-d	4.40	84	101325	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.08	65	59096	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.10	84	206509	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	64782	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.36	98	184711	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	7.66	79	19890	3.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.00%			
46) 2-Hexanone-d5	8.13	63	117007	54.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45738	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61637	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1555	0.103	ug/L #	76
5) Vinyl chloride	1.32	62	8624	0.593	ug/L #	79
6) Bromomethane	1.53	94	1084	0.143	ug/L	97
8) Chloroethane	1.32	64	4751	0.511	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	6243	0.235	ug/L #	78
18) trans-1,2-Dichloroethene	2.78	96	1682	0.151	ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	29751	2.409	ug/L	91
25) Chloroform	4.43	83	2856	0.126	ug/L	86
34) Trichloroethene	5.95	95	385028	32.230	ug/L	99
35) Methylcyclohexane	6.12	83	15384	0.779	ug/L #	16
44) trans-1,3-Dichloropropene	7.67	75	1353	0.106	ug/L	99
47) Tetrachloroethene	8.02	164	90421	10.473	ug/L	98
48) 2-Hexanone	8.13	43	17097	3.345	ug/L #	76
49) Dibromochloromethane	8.02	129	84001	10.038	ug/L #	11

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

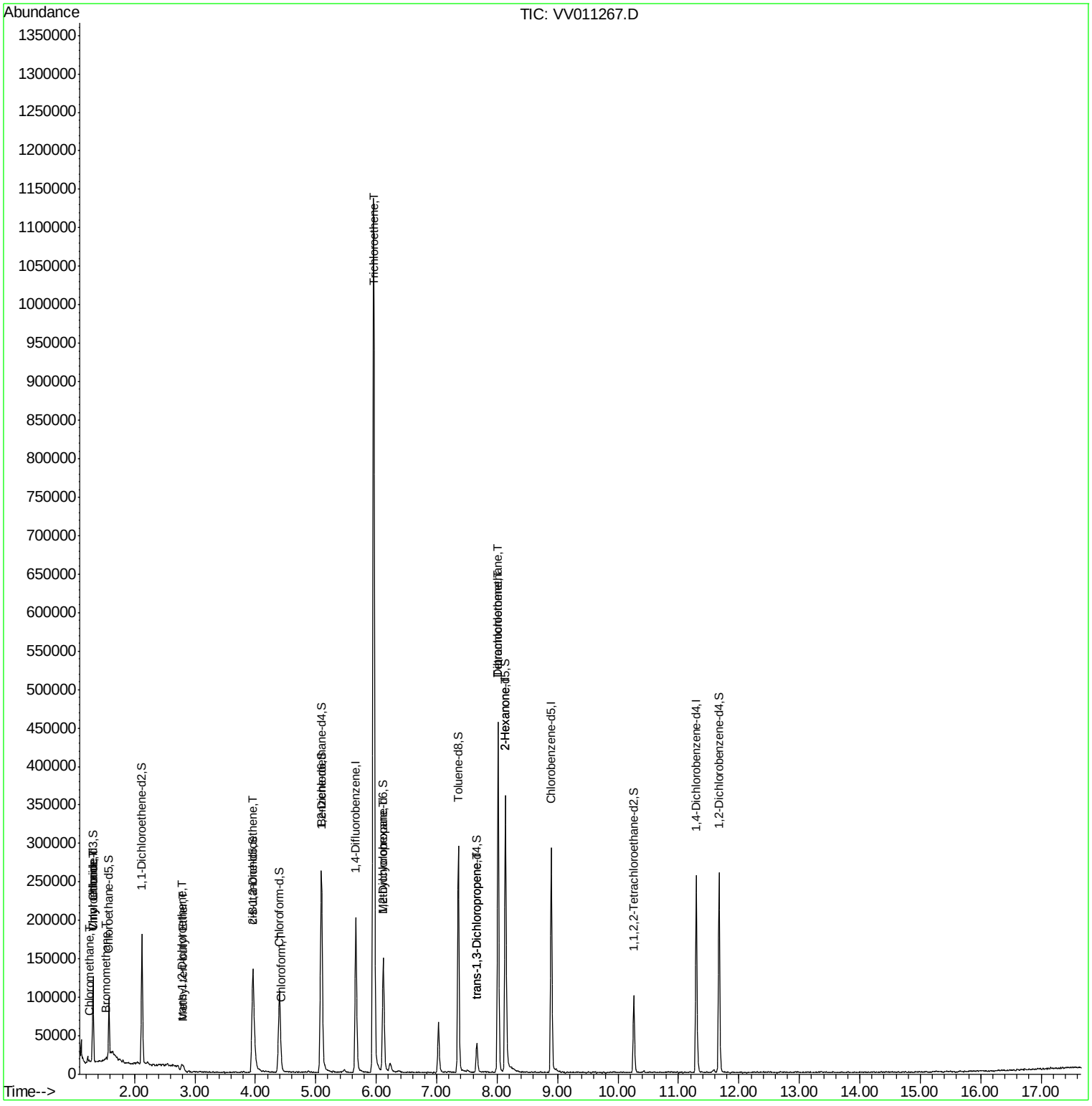
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

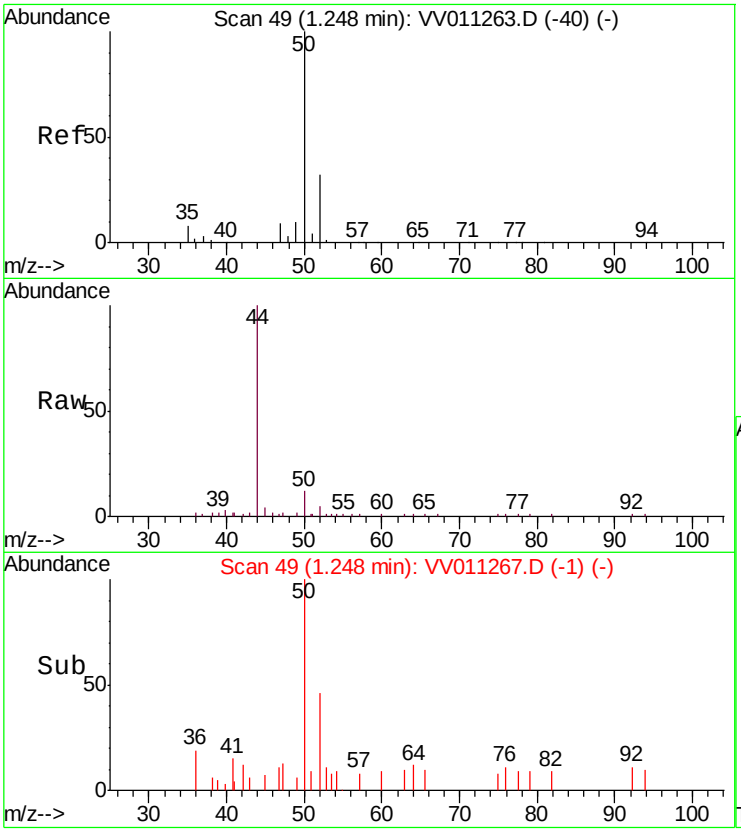
Quantitation Report (Not Reviewed)

Data File : VV011267.D
Acq On : 07 Jun 2019 02:54
Operator : SY/MD
Sample : K3226-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN6

Quant Time: Jun 07 03:48:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration



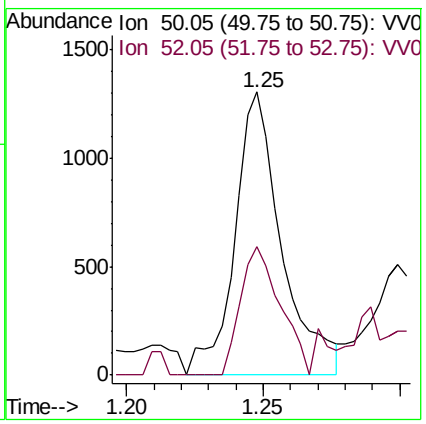


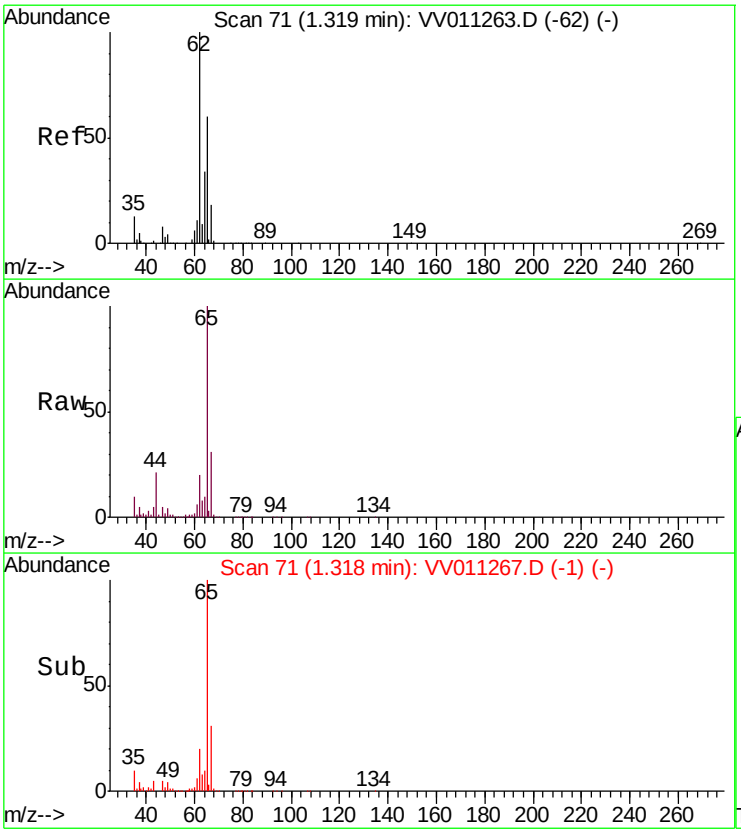
#3
Chloromethane
Concen: 0.103 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 50 Resp: 1555

Ion	Ratio	Lower	Upper
50	100		
52	45.5	22.3	41.5#

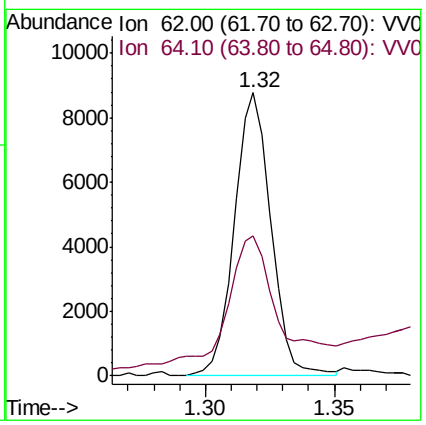


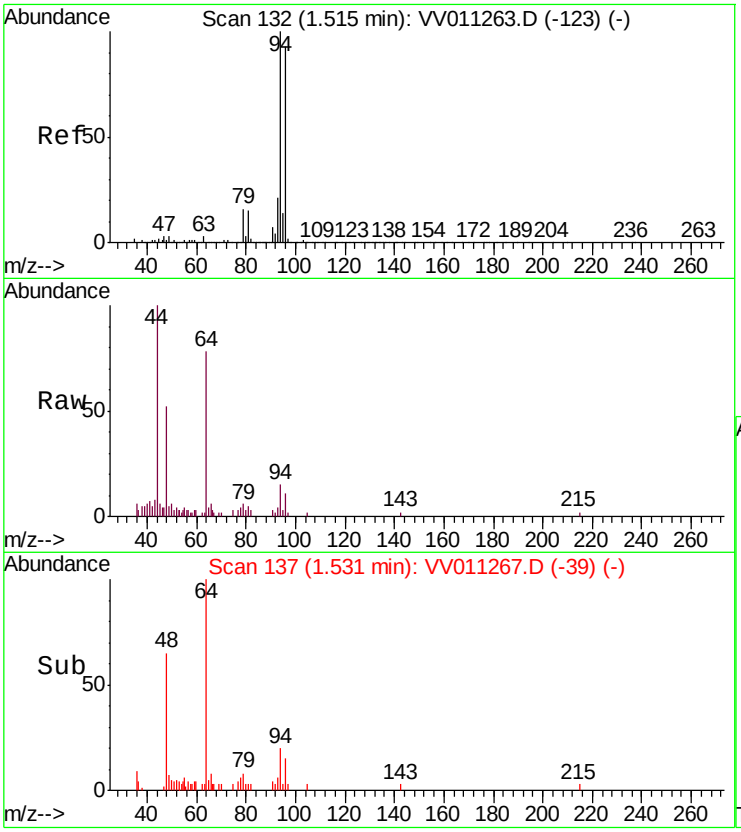


#5
Vinyl chloride
Concen: 0.593 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion: 62 Resp: 8624

Ion	Ratio	Lower	Upper
62	100		
64	49.3	25.9	48.1#



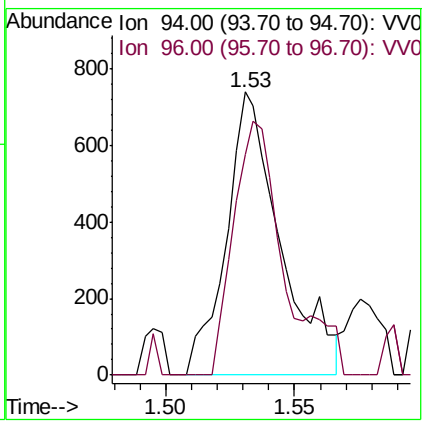


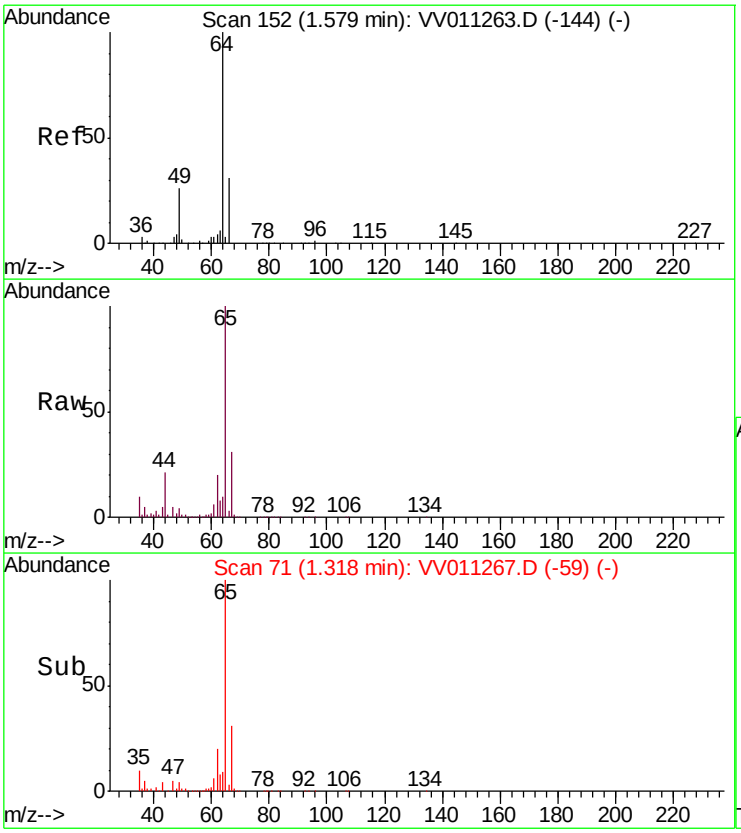
#6
Bromomethane
Concen: 0.143 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.02 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 94 Resp: 1084

Ion	Ratio	Lower	Upper
94	100		
96	92.4	67.0	124.4

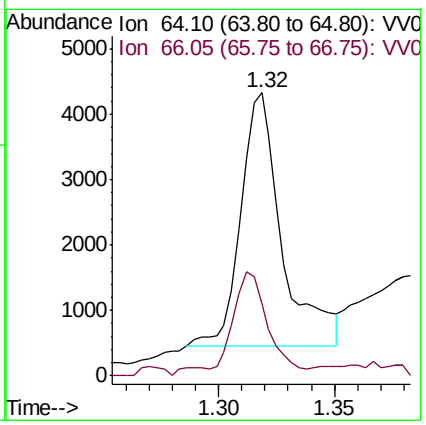


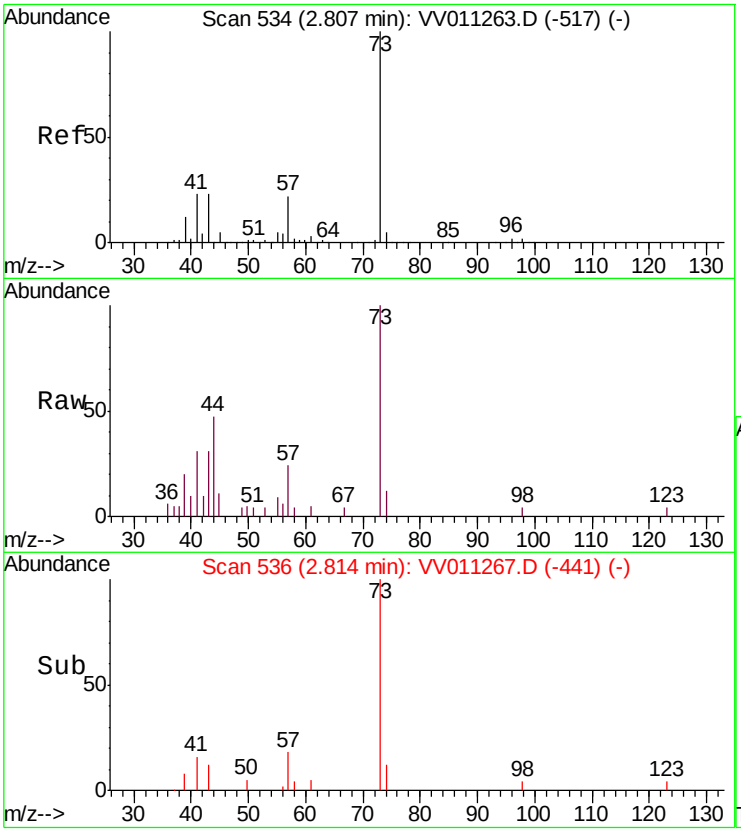


#8
Chloroethane
Concen: 0.511 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.26 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion: 64 Resp: 4751

Ion	Ratio	Lower	Upper
64	100		
66	25.6	19.4	36.0



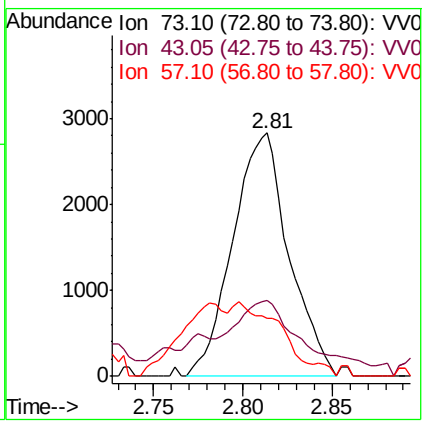


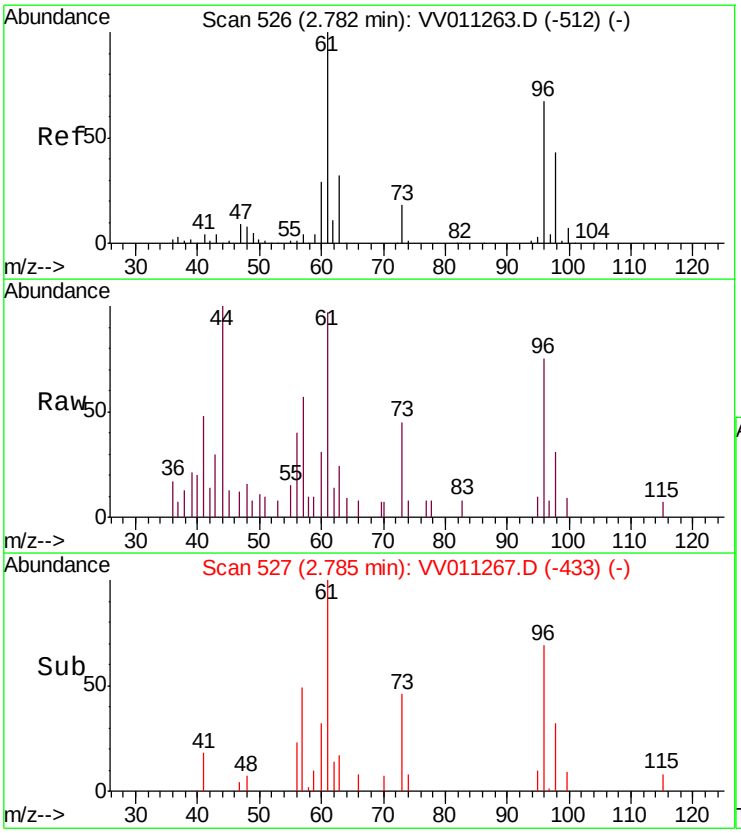
#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.01 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument : MSVOA_V
ClientSampleId : BFCN6

Tgt Ion: 73 Resp: 6243

Ion	Ratio	Lower	Upper
73	100		
43	40.4	18.7	28.1#
57	27.0	18.1	27.1

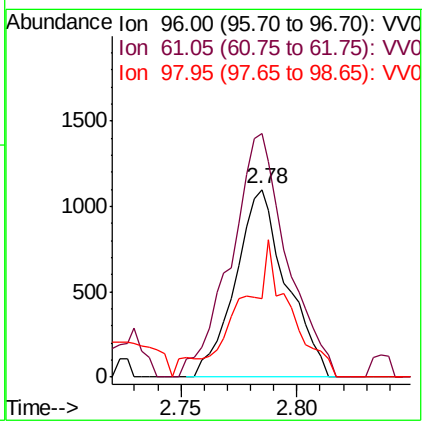


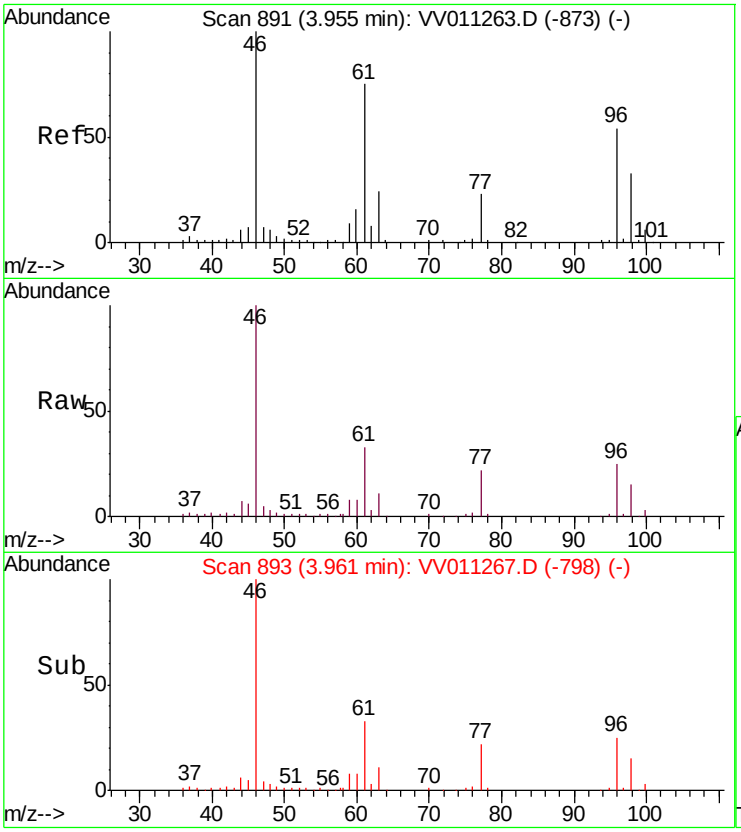


#18
trans-1,2-Dichloroethene
Concen: 0.151 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion: 96 Resp: 1682

Ion	Ratio	Lower	Upper
96	100		
61	129.8	104.0	193.2
98	41.5	45.7	84.9#



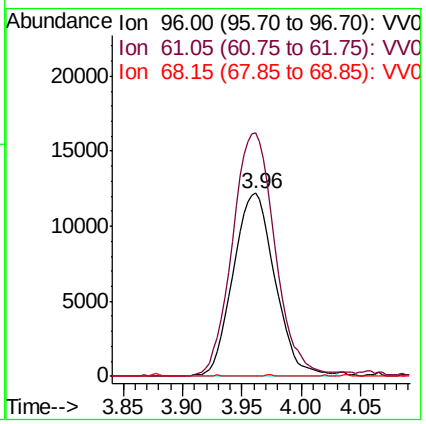


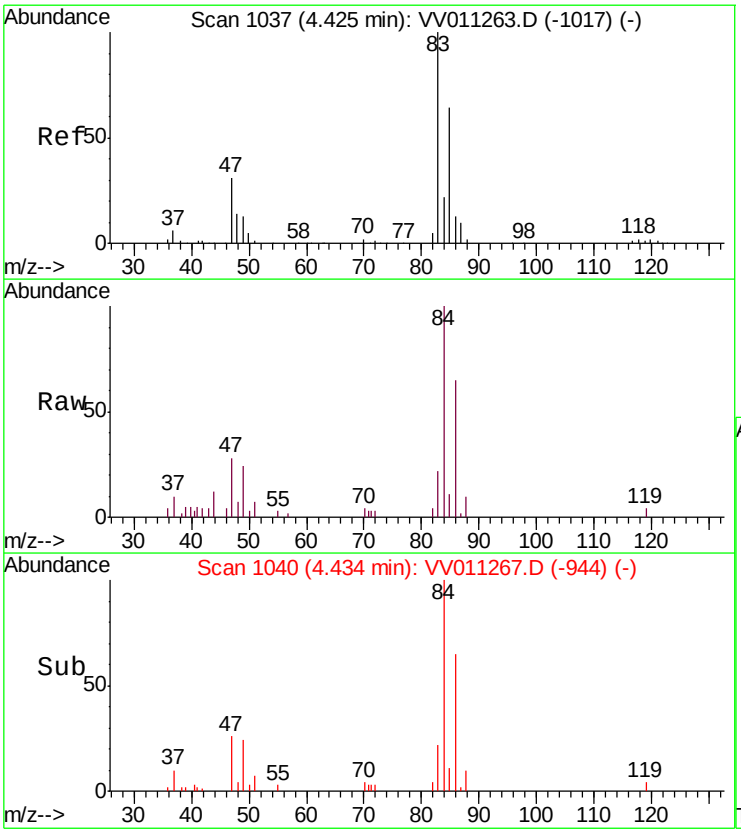
#22
cis-1,2-Dichloroethene
Concen: 2.409 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 96 Resp: 29751

Ion	Ratio	Lower	Upper
96	100		
61	133.0	100.8	187.2
68	0.0	0.0	0.0

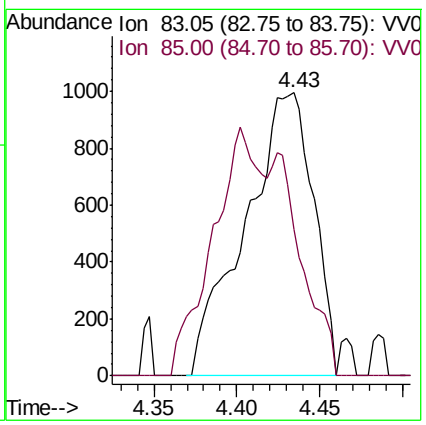


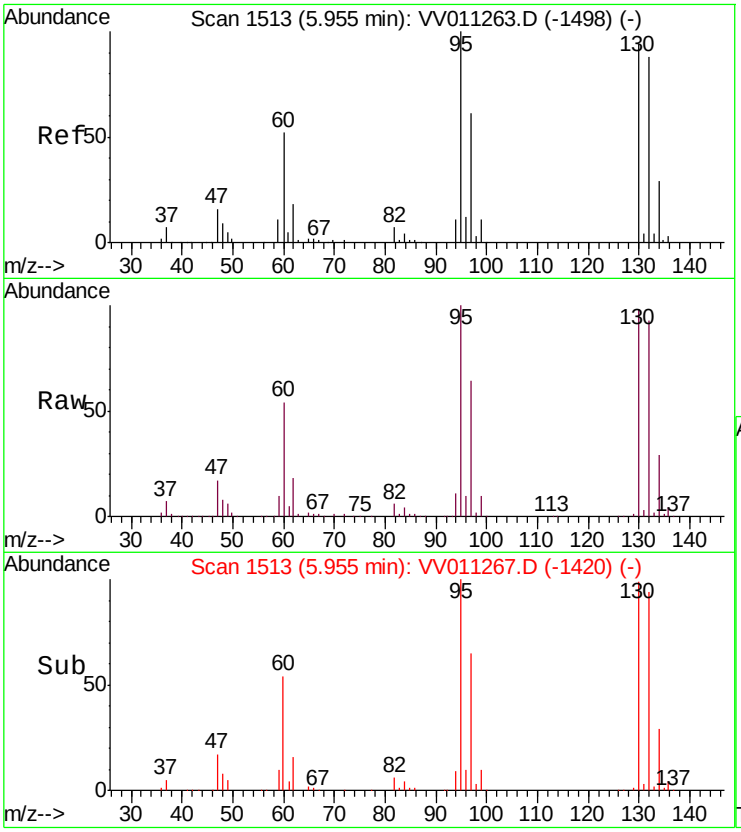


#25
Chloroform
Concen: 0.126 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion: 83 Resp: 2856

Ion	Ratio	Lower	Upper
83	100		
85	51.9	44.1	81.9



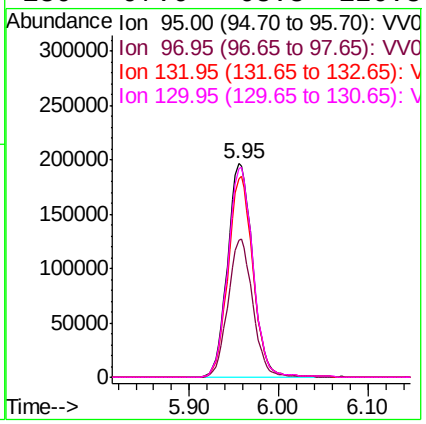


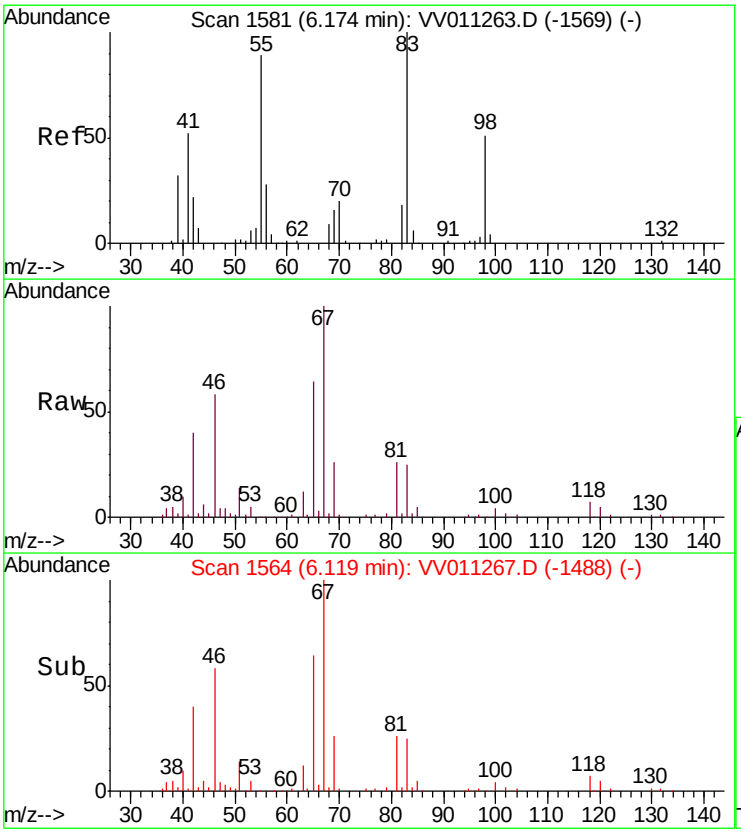
#34
Trichloroethene
Concen: 32.230 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 95 Resp: 385028

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.8	85.2
132	92.9	66.4	123.2
130	97.6	68.3	126.8

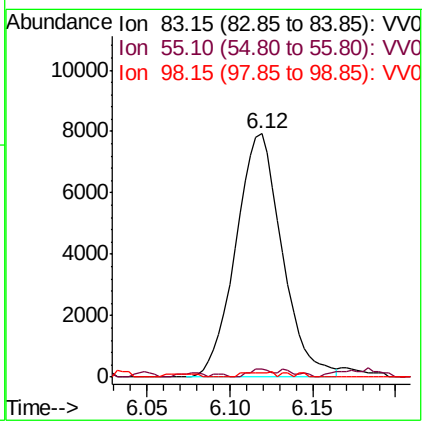


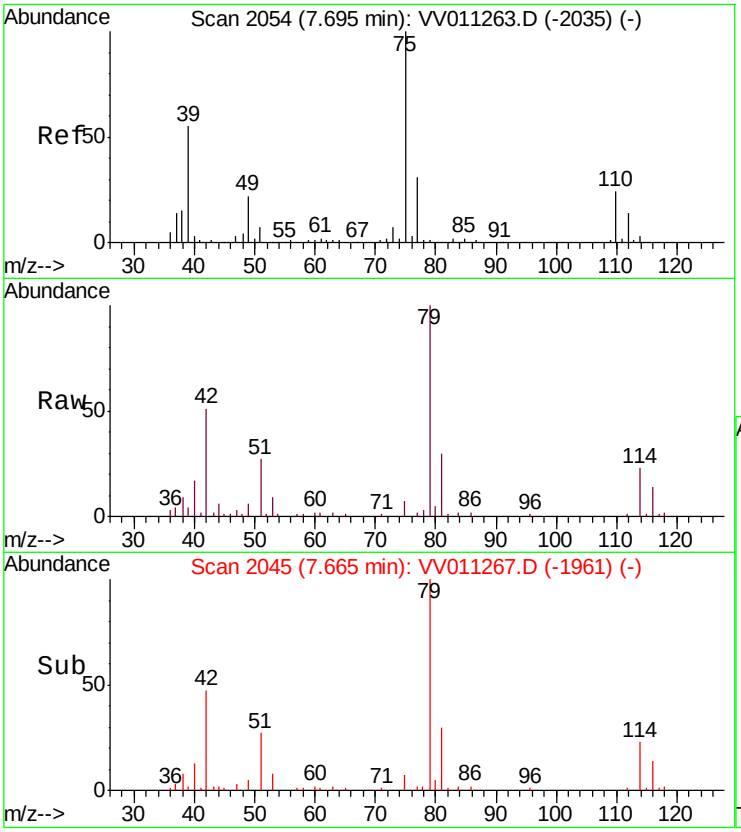


#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion: 83 Resp: 15384

Ion	Ratio	Lower	Upper
83	100		
55	1.4	67.0	100.6#
98	0.0	40.0	60.0#



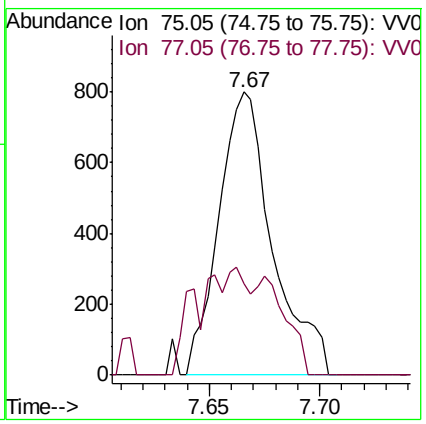


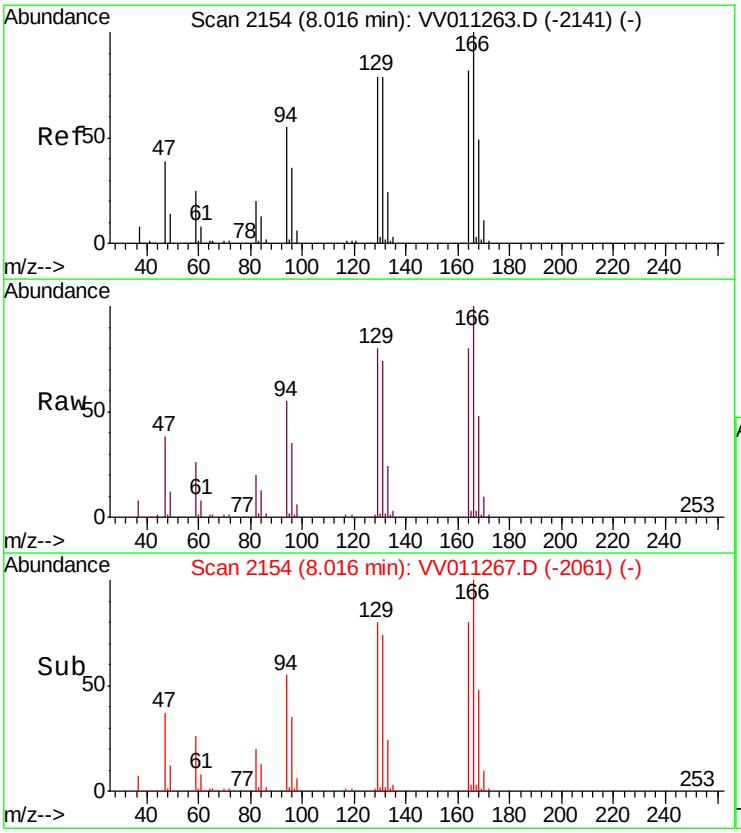
#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tgt Ion: 75 Resp: 1353

Ion	Ratio	Lower	Upper
75	100		
77	32.4	23.1	42.9

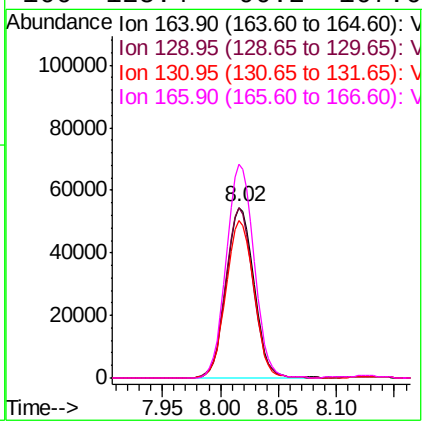


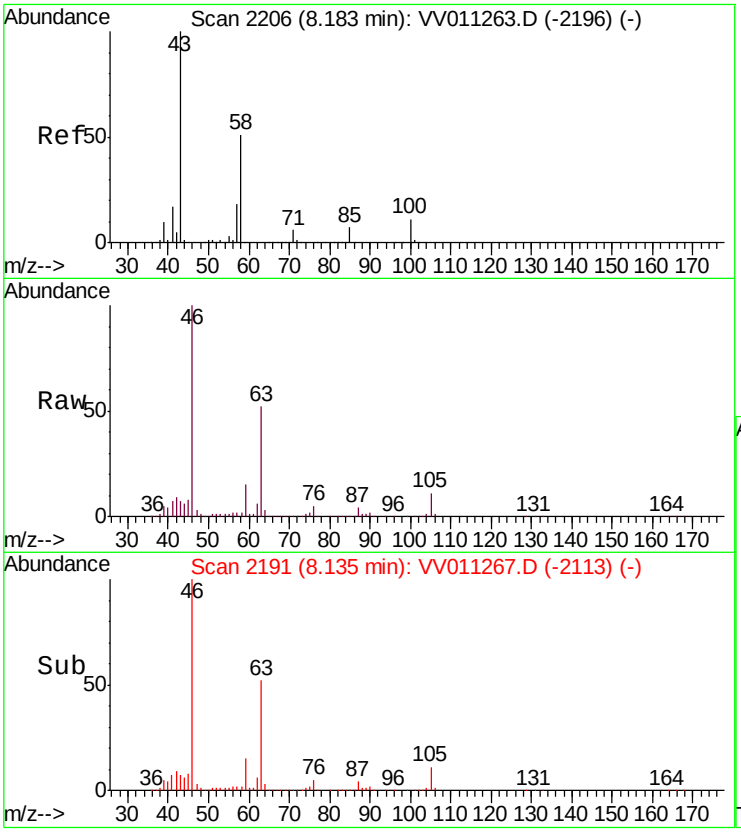


#47
Tetrachloroethene
Concen: 10.473 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion:164 Resp: 90421

Ion	Ratio	Lower	Upper
164	100		
129	100.0	69.9	129.9
131	92.7	66.8	124.2
166	125.4	90.2	167.6



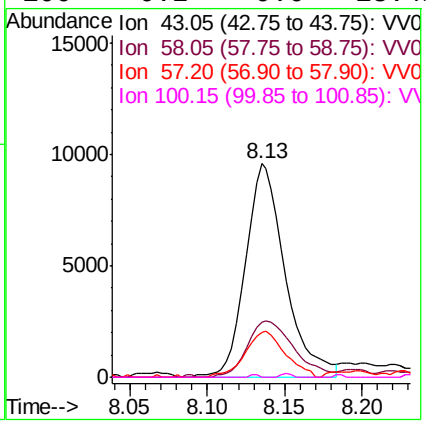


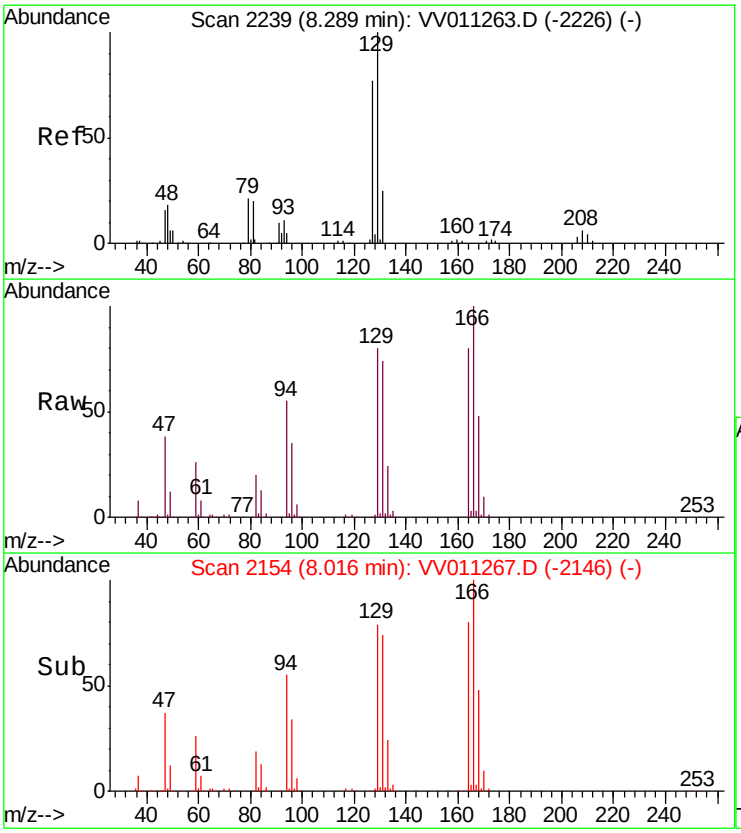
#48
2-Hexanone
Concen: 3.345 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Instrument : MSVOA_V
ClientSampleId : BFCN6

Tgt Ion: 43 Resp: 17097

Ion	Ratio	Lower	Upper
43	100		
58	30.8	41.4	62.0#
57	21.7	15.0	22.4
100	0.2	9.0	13.4#





#49
Dibromochloromethane
Concen: 10.038 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011267.D
Acq: 07 Jun 2019 02:54

Tgt Ion:129 Resp: 84001

Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.7	99.7#