

Data File : VV012666.D
Acq On : 10 Sep 2019 19:36
Operator : SY/MD
Sample : K4809-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDC2

Quant Time: Sep 11 05:27:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	360932	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	371585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105564	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	97742	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	134667	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	352201	59.78	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.56%
24) Chloroform-d	4.40	84	216922	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	112071	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	392058	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	136378	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	302203	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.66	79	41602	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	207869	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107439	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	135957	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	16661	0.743 ug/L #	1
13) Acetone	2.19	43	18754	5.431 ug/L	95
19) 1,1-Dichloroethane	3.23	63	8071	0.170 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	11245	0.411 ug/L	100
25) Chloroform	4.43	83	7457	0.143 ug/L	93
29) 1,1,1-Trichloroethane	4.66	97	7081	0.173 ug/L	97
31) Carbon tetrachloride	4.87	117	5860	0.163 ug/L	97
34) Trichloroethene	5.96	95	139252	4.640 ug/L	98
35) Methylcyclohexane	6.12	83	31766	0.749 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14249	0.527 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3372	0.095 ug/L #	72
44) trans-1,3-Dichloropropene	7.66	75	1769	0.066 ug/L	98
45) 1,1,2-Trichloroethane	8.02	97	18786	0.997 ug/L #	1
47) Tetrachloroethene	8.02	164	2376137	100.866 ug/L	98
48) 2-Hexanone	8.18	43	25601	2.386 ug/L #	81
49) Dibromochloromethane	8.02	129	2077155	92.693 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091019\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration

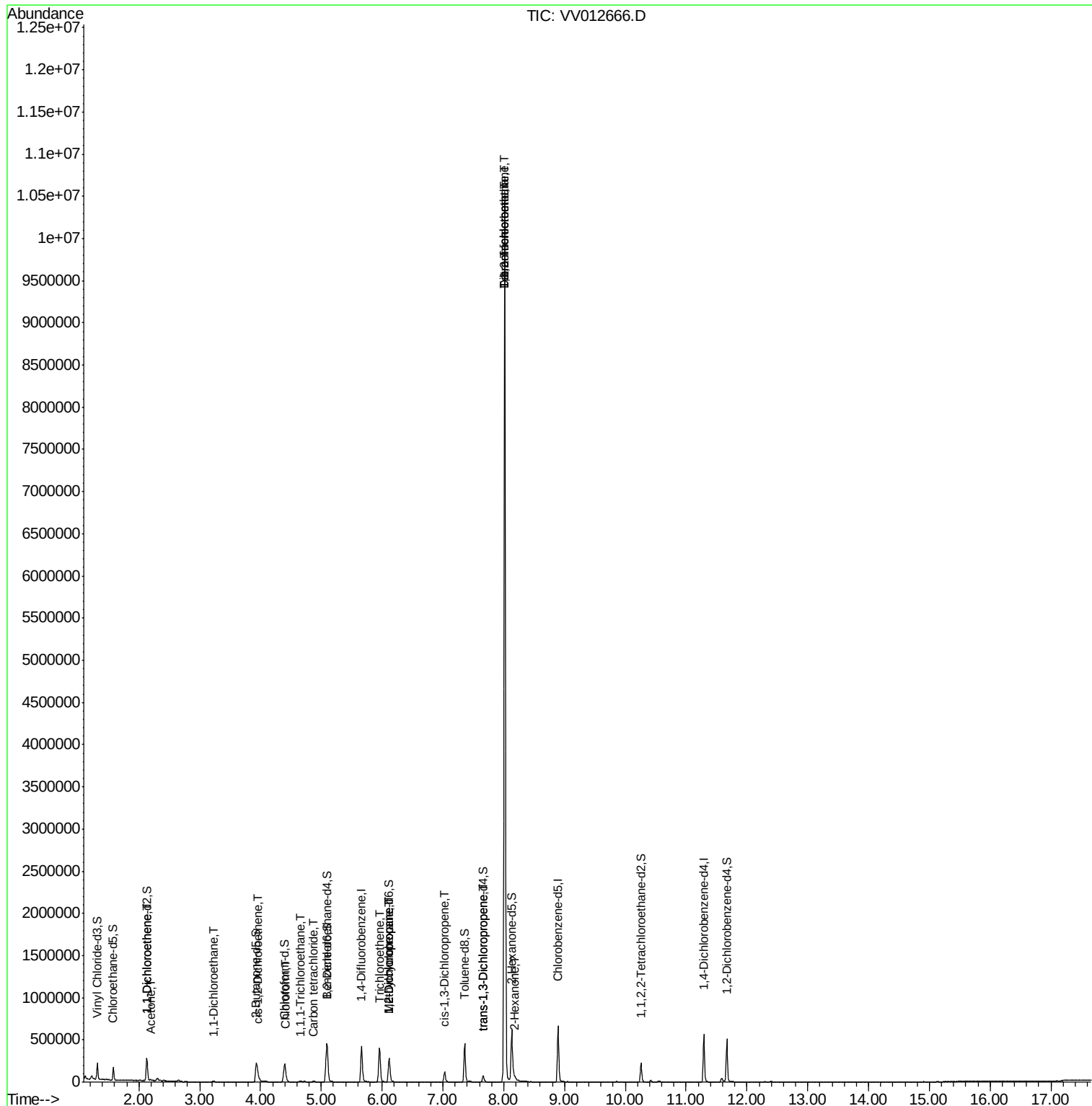
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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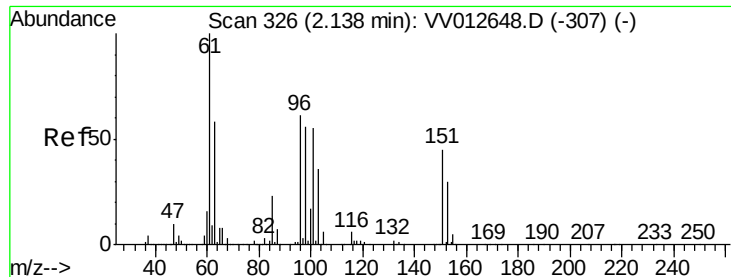
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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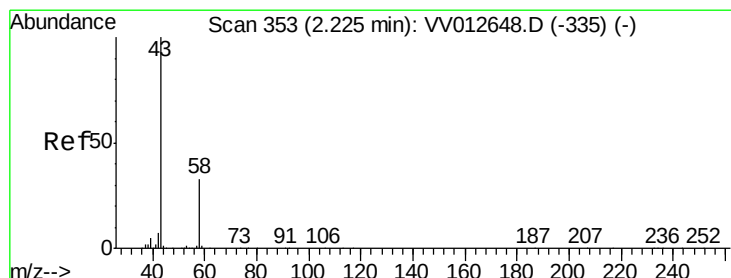
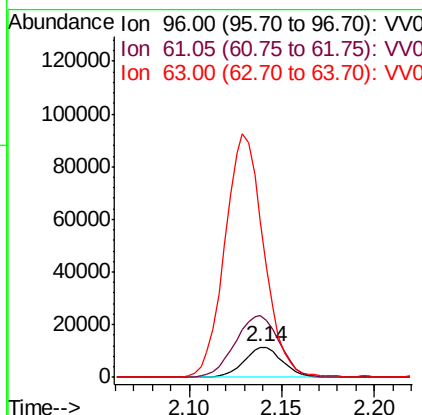
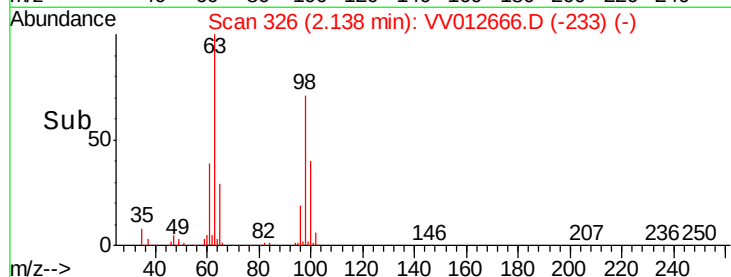
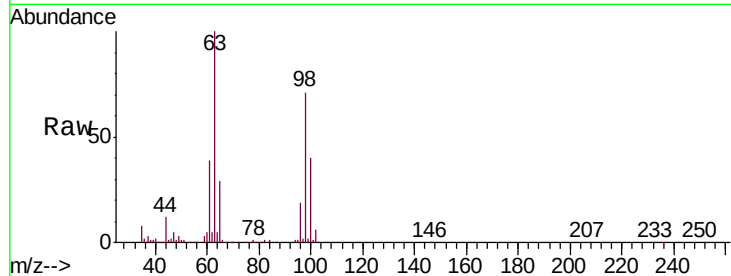




#12
 1,1-Dichloroethene
 Concen: 0.743 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

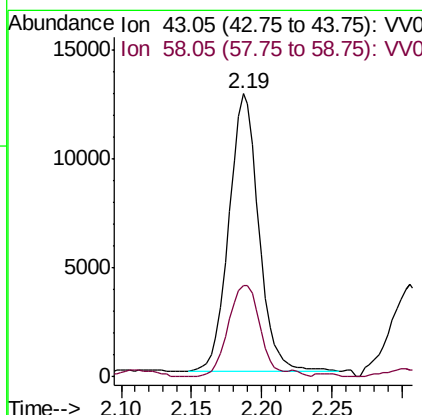
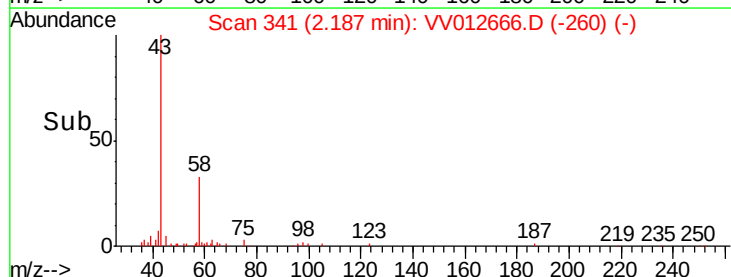
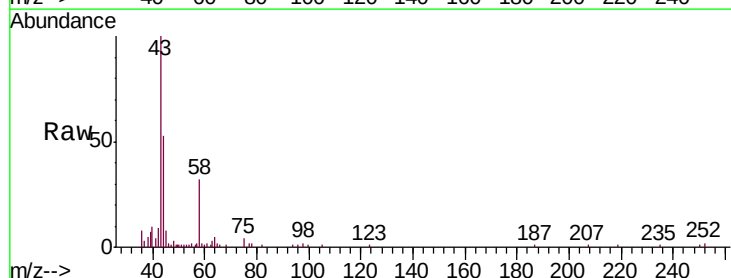
Instrument :
 MSVOA_V
 ClientSampleId :
 BFDC2

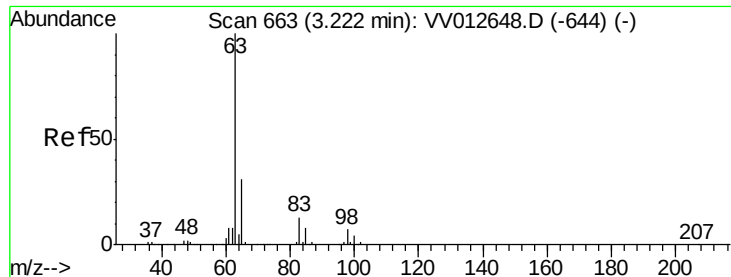
Tgt Ion: 96 Resp: 16661
 Ion Ratio Lower Upper
 96 100
 61 203.0 115.8 215.0
 63 517.7 79.4 147.4#



#13
 Acetone
 Concen: 5.431 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.04 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

Tgt Ion: 43 Resp: 18754
 Ion Ratio Lower Upper
 43 100
 58 36.6 0.0 67.4

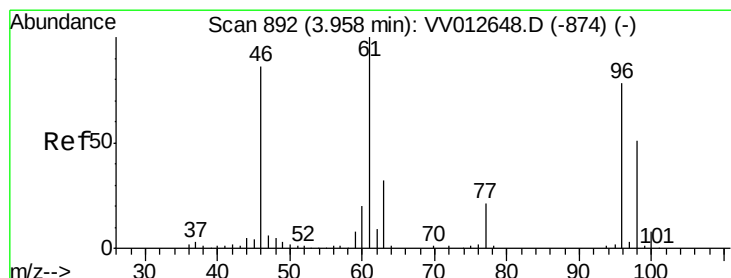
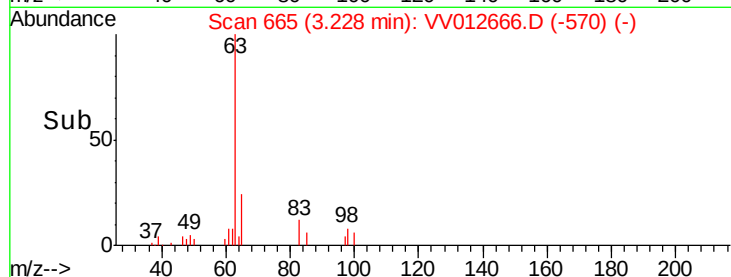
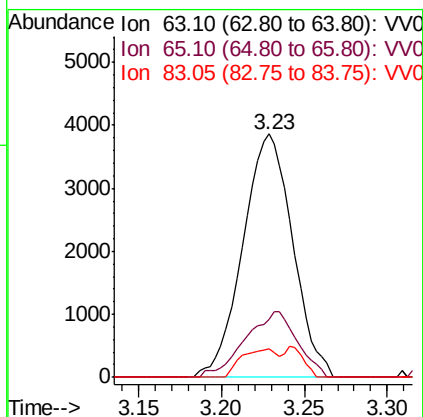
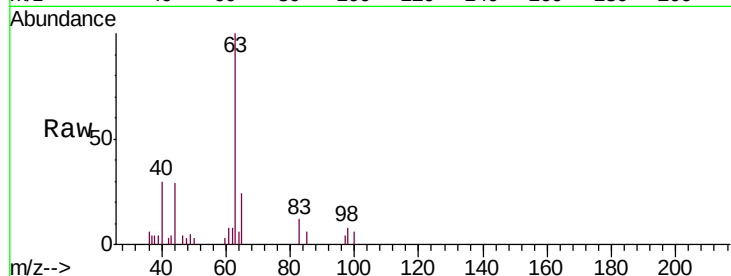




#19
 1,1-Dichloroethane
 Concen: 0.170 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

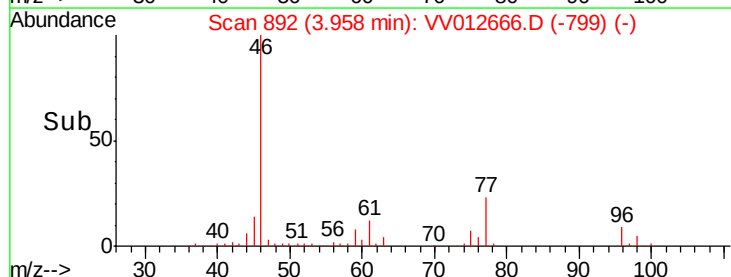
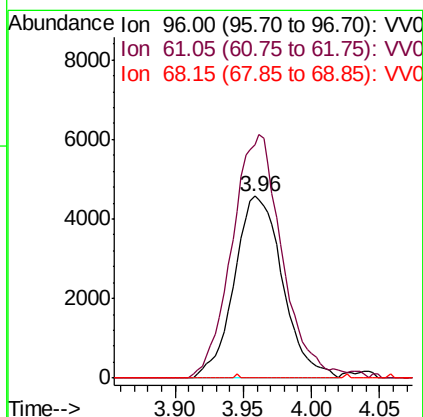
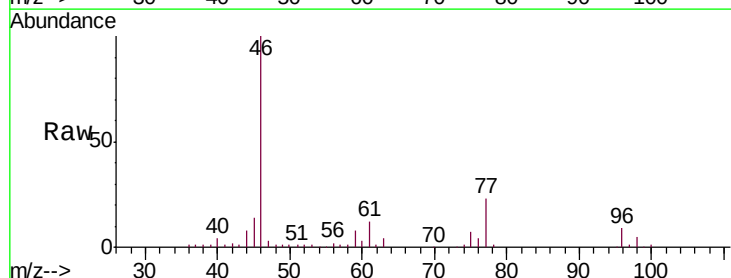
Instrument :
 MSVOA_V
 ClientSampled :
 BFDC2

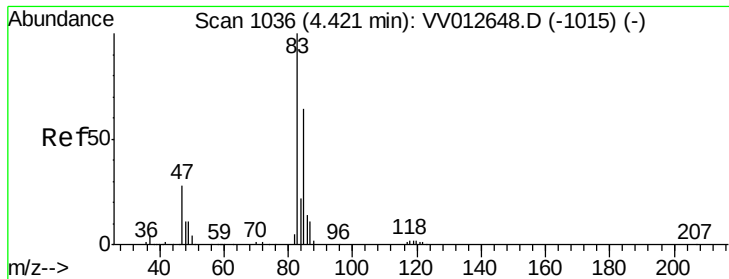
Tgt Ion: 63 Resp: 8071
 Ion Ratio Lower Upper
 63 100
 65 24.0 22.7 42.3
 83 11.6 9.1 16.9



#22
 cis-1,2-Dichloroethene
 Concen: 0.411 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

Tgt Ion: 96 Resp: 11245
 Ion Ratio Lower Upper
 96 100
 61 128.0 89.7 166.5
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.143 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV012666.D

Acq: 10 Sep 2019 19:36

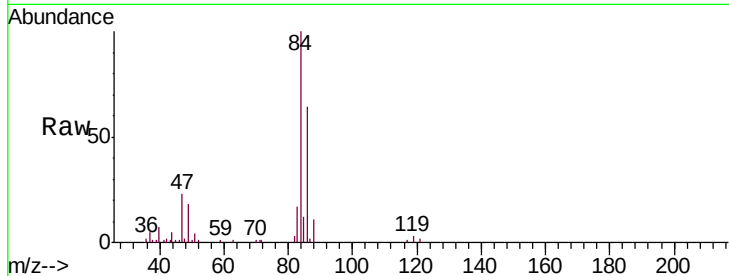
Instrument :
MSVOA_V
ClientSampleId :
BFDC2

Tgt Ion: 83 Resp: 7457

Ion Ratio Lower Upper

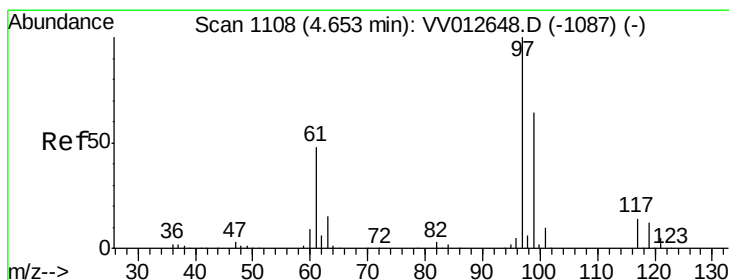
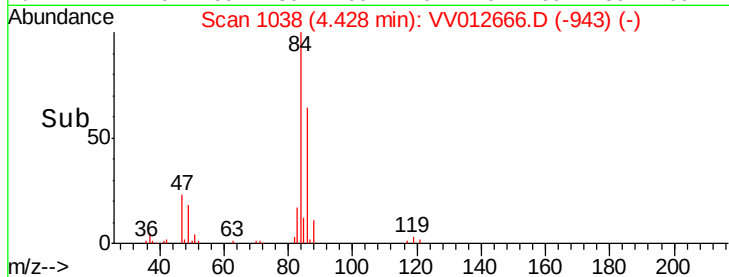
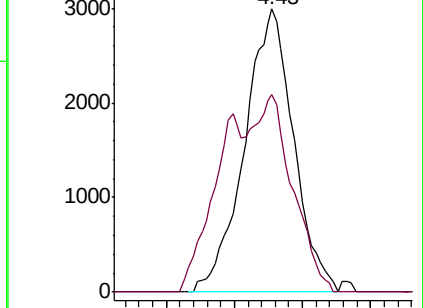
83 100

85 69.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV012648.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV012648.D (-1015) (-)



#29

1,1,1-Trichloroethane

Concen: 0.173 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VV012666.D

Acq: 10 Sep 2019 19:36

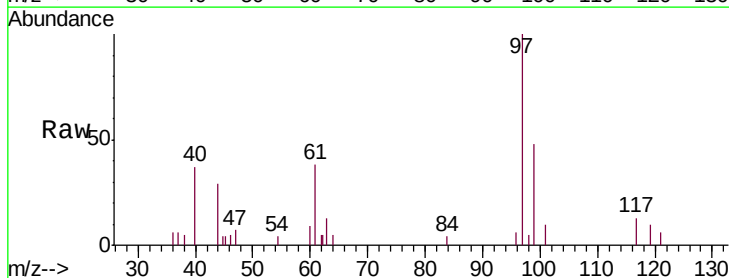
Tgt Ion: 97 Resp: 7081

Ion Ratio Lower Upper

97 100

99 61.2 51.6 77.4

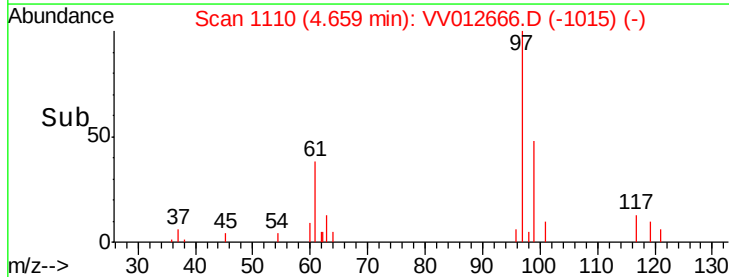
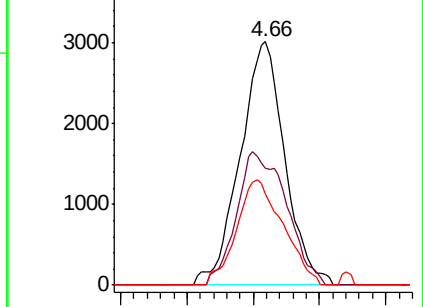
61 45.2 37.5 56.3

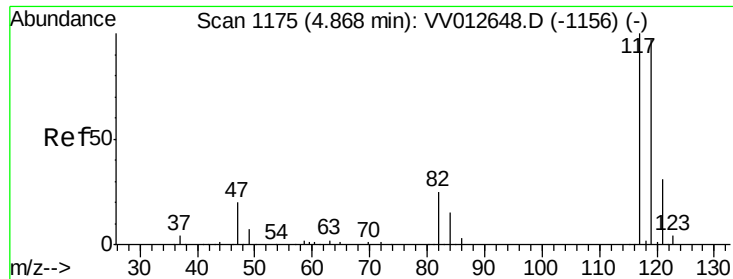


Abundance Ion 96.95 (96.65 to 97.65): VV012648.D (-1087) (-)

Ion 99.05 (98.75 to 99.75): VV012648.D (-1087) (-)

Ion 61.05 (60.75 to 61.75): VV012648.D (-1087) (-)



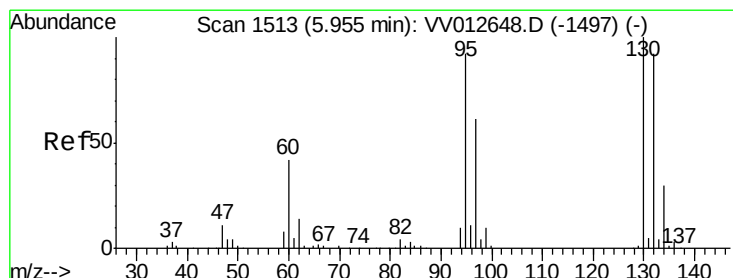
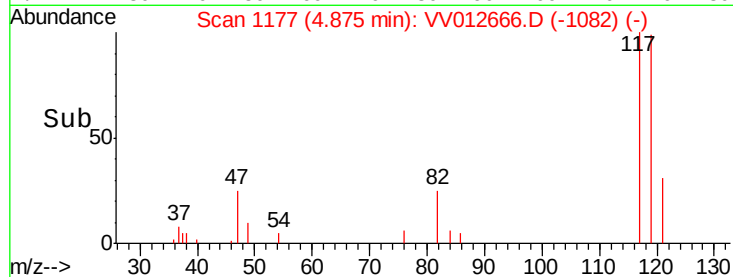
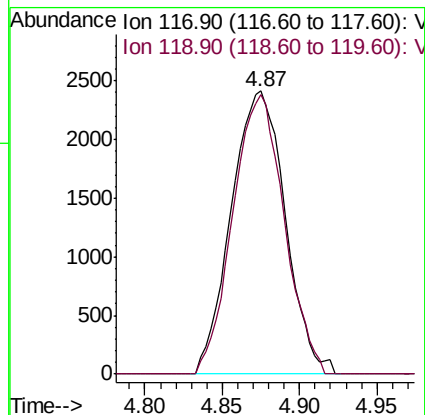
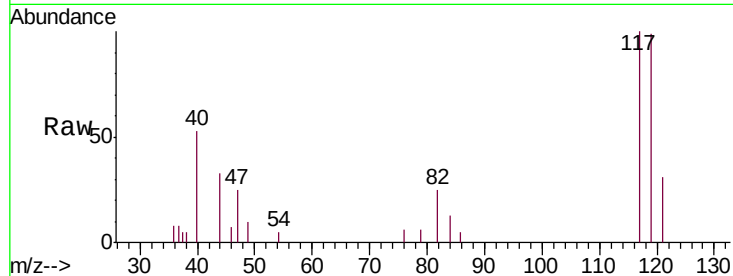


#31

Carbon tetrachloride
Concen: 0.163 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

Instrument :
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ClientSampleId :
BFDC2

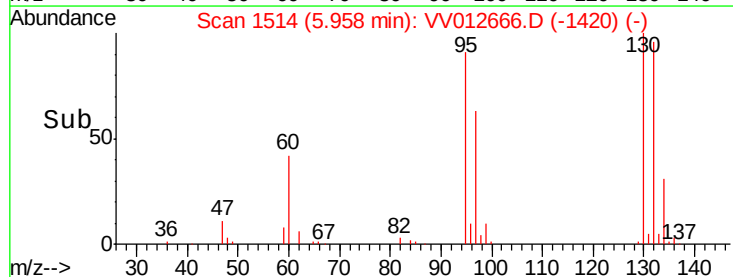
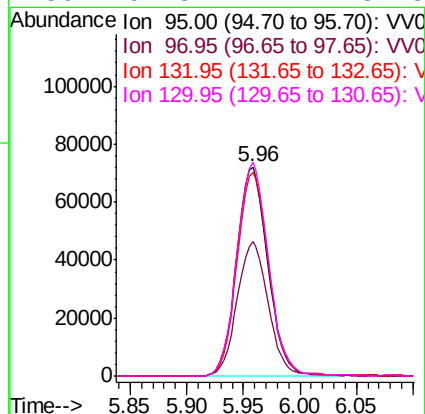
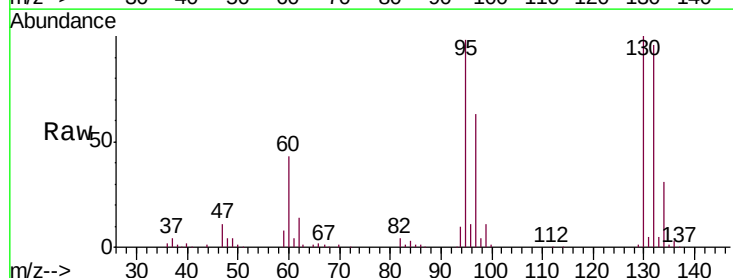
Tgt Ion: 117 Resp: 5860
Ion Ratio Lower Upper
117 100
119 93.9 77.7 116.5

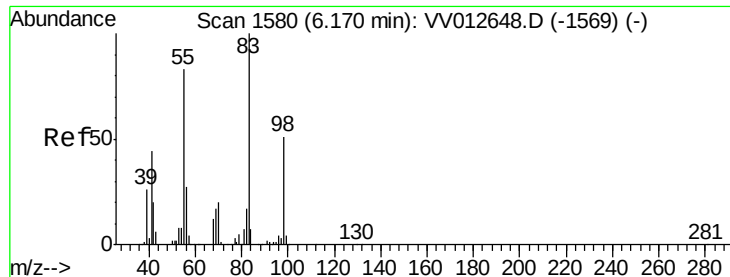


#34

Trichloroethene
Concen: 4.640 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

Tgt Ion: 95 Resp: 139252
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 97.7 70.2 130.4
130 102.3 74.2 137.8

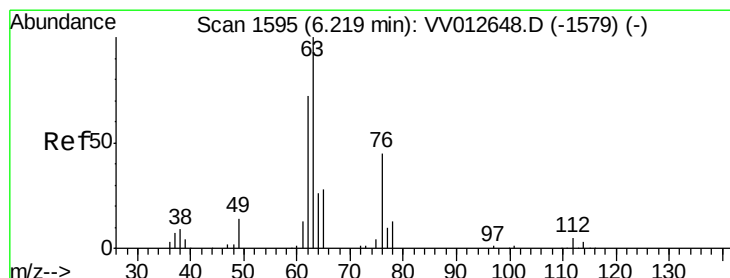
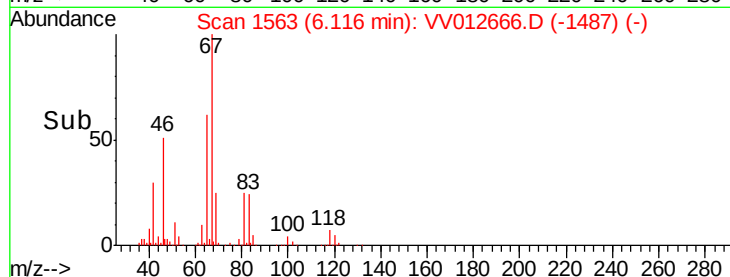
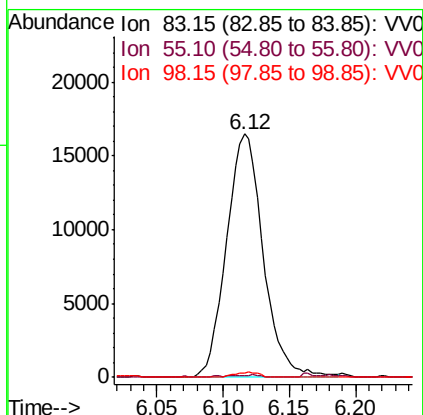
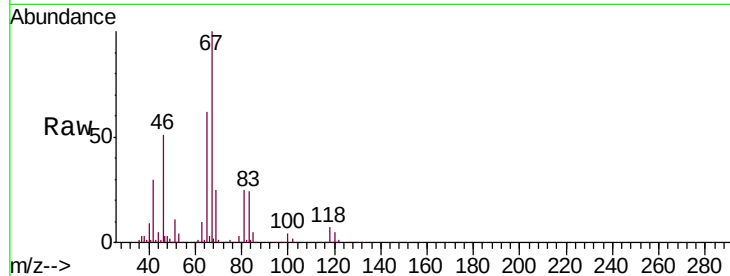




#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

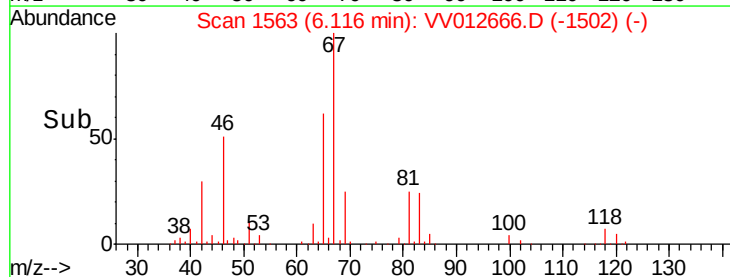
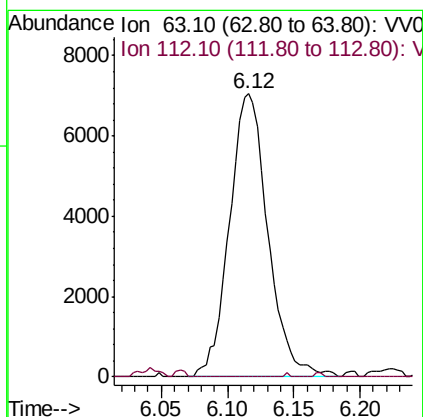
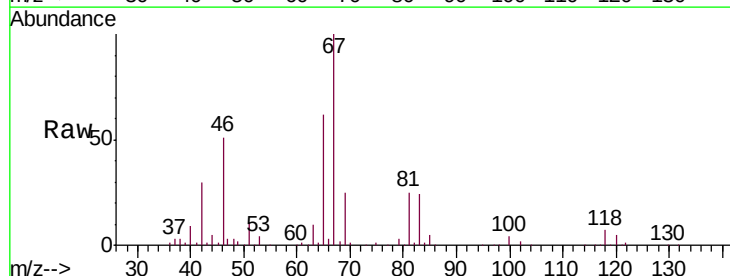
Instrument :
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ClientSampleId :
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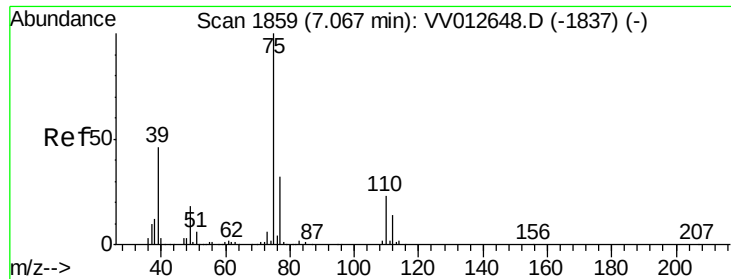
Tgt Ion: 83 Resp: 31766
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 1.4 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

Tgt Ion: 63 Resp: 14249
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012666.D

Acq: 10 Sep 2019 19:36

Instrument :

MSVOA_V

ClientSampleId :

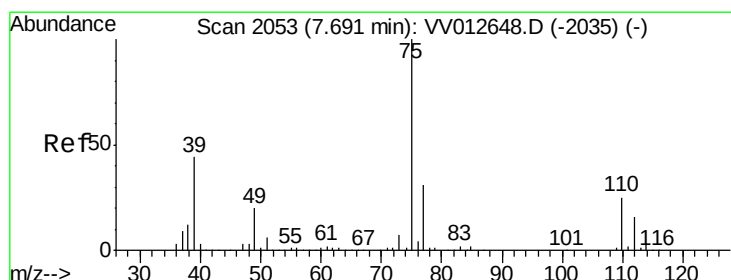
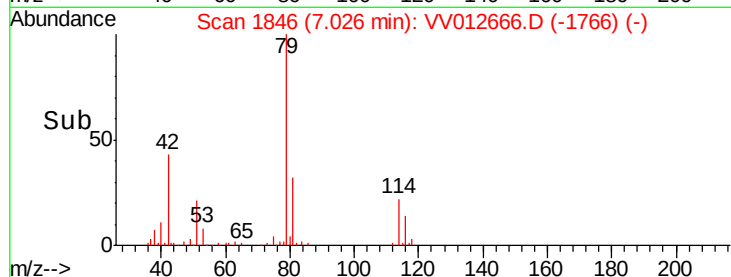
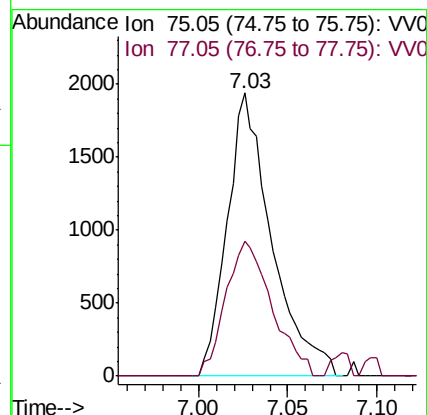
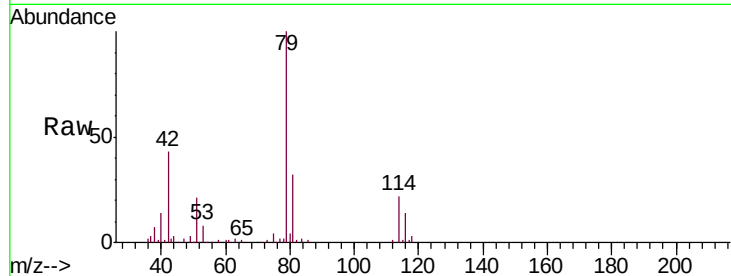
BFDC2

Tgt Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

77 47.6 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012666.D

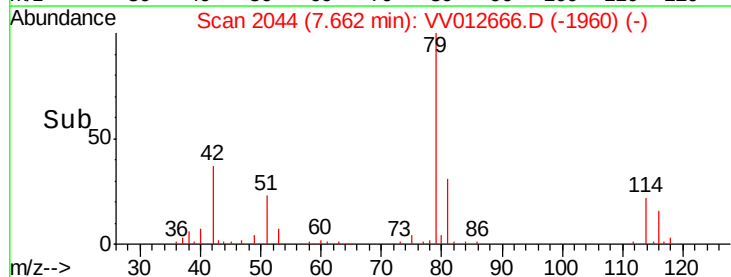
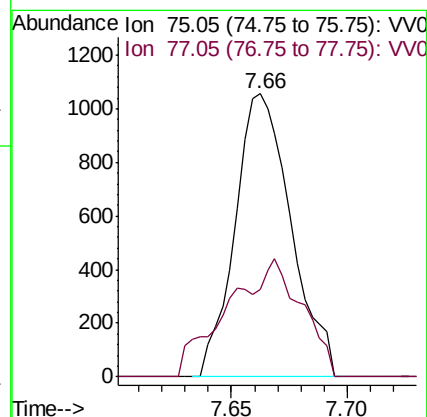
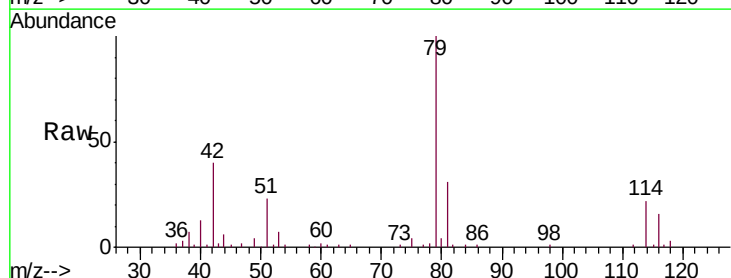
Acq: 10 Sep 2019 19:36

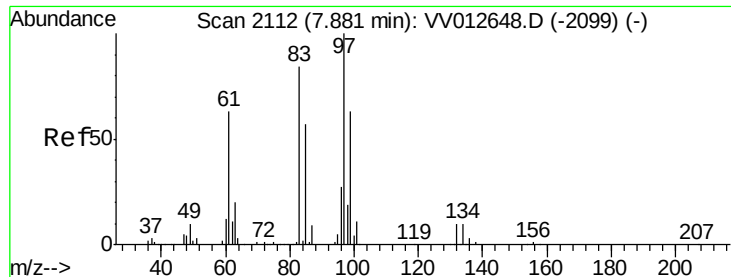
Tgt Ion: 75 Resp: 1769

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6

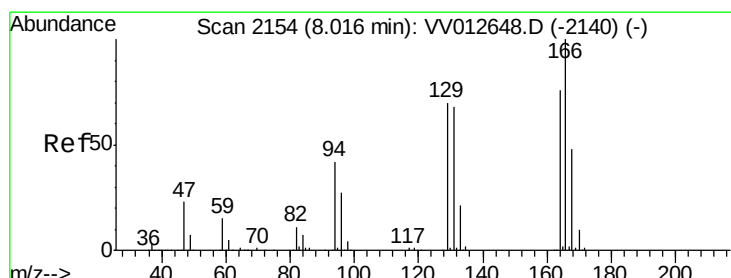
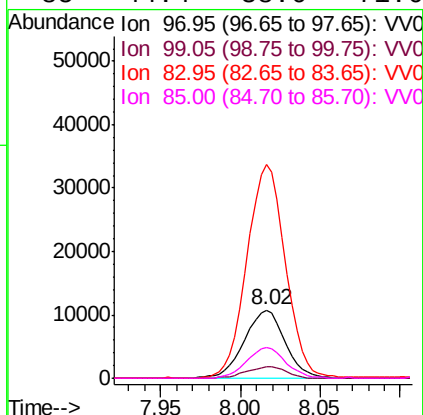
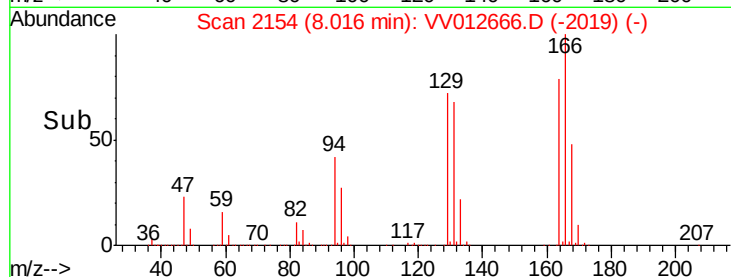
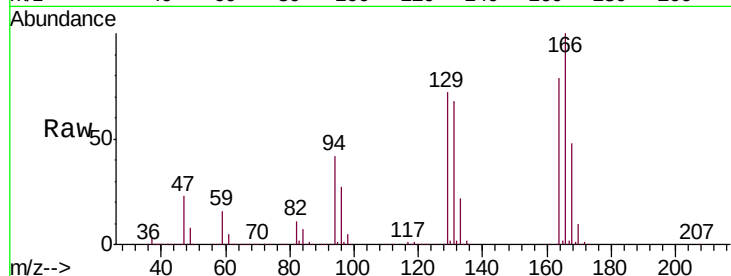




#45
 1,1,2-Trichloroethane
 Concen: 0.997 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

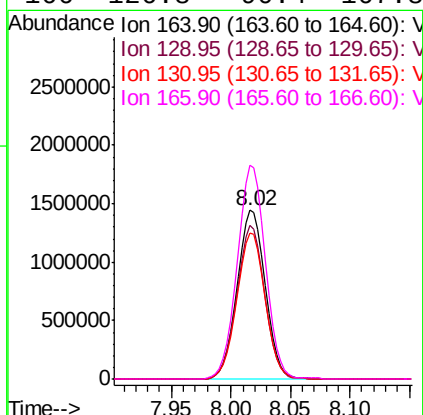
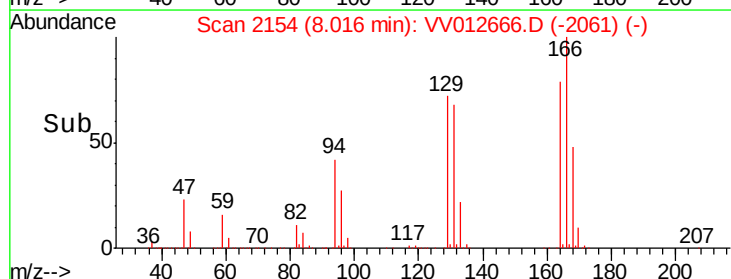
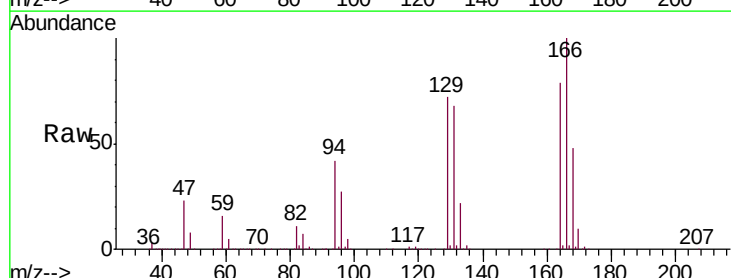
Instrument :
 MSVOA_V
 ClientSampleID :
 BFDC2

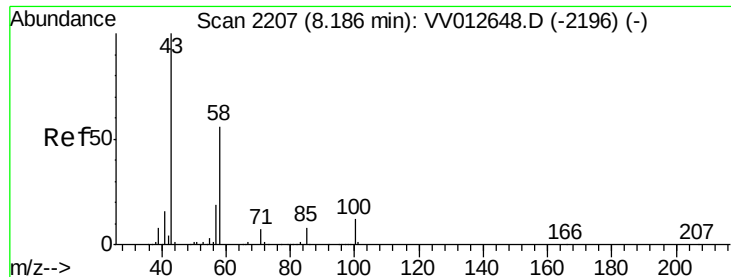
Tgt Ion:	97	Resp:	18786
Ion	Ratio	Lower	Upper
97	100		
99	16.2	44.2	82.0#
83	311.8	60.8	112.8#
85	44.4	38.6	71.6



#47
 Tetrachloroethene
 Concen: 100.866 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012666.D
 Acq: 10 Sep 2019 19:36

Tgt Ion:	164	Resp:	2376137
Ion	Ratio	Lower	Upper
164	100		
129	91.0	61.9	114.9
131	86.8	59.7	110.9
166	126.8	90.4	167.8

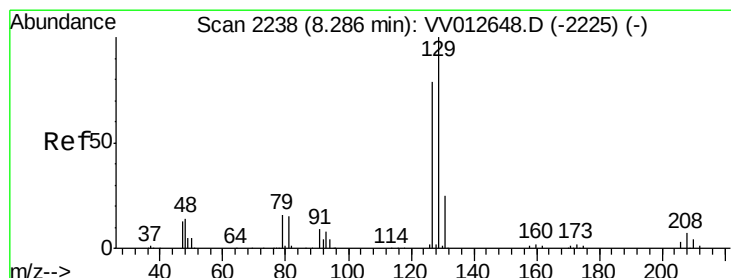
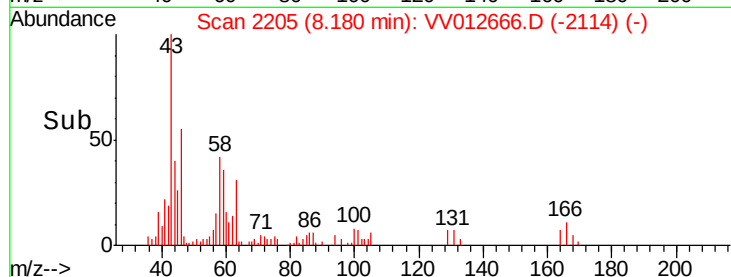
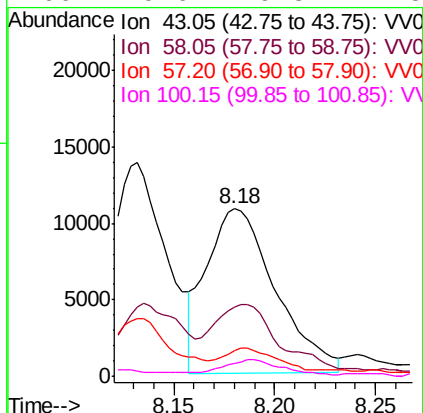
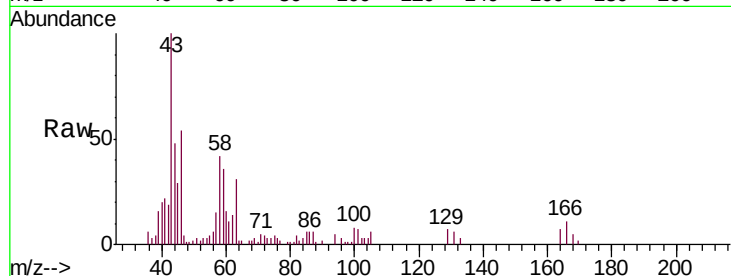




#48
2-Hexanone
Concen: 2.386 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

Instrument :
MSVOA_V
ClientSampled :
BFDC2

Tgt Ion: 43 Resp: 25601
Ion Ratio Lower Upper
43 100
58 40.3 44.8 67.2#
57 11.0 14.9 22.3#
100 9.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 92.693 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012666.D
Acq: 10 Sep 2019 19:36

Tgt Ion: 129 Resp: 2077155
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

