

Data File : VV009693.D
Acq On : 15 Mar 2019 18:16
Operator : SY/MD
Sample : K1939-10
Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0T3

Quant Time: Mar 16 02:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148900	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64754	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35171	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.82%
7) Chloroethane-d5	1.55	69	21579	23.53	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.06%#
11) 1,1-Dichloroethene-d2	2.10	63	80797	34.75	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	3.95	46	66617	102.29	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.29%
24) Chloroform-d	4.40	84	87603	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.08	65	61262	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.09	84	181791	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	56426	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.36	98	170709	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%
43) trans-1,3-Dichloropropene-	7.67	79	26130	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.74%
47) 2-Hexanone-d5	8.14	63	54983	107.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91882	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	65084	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

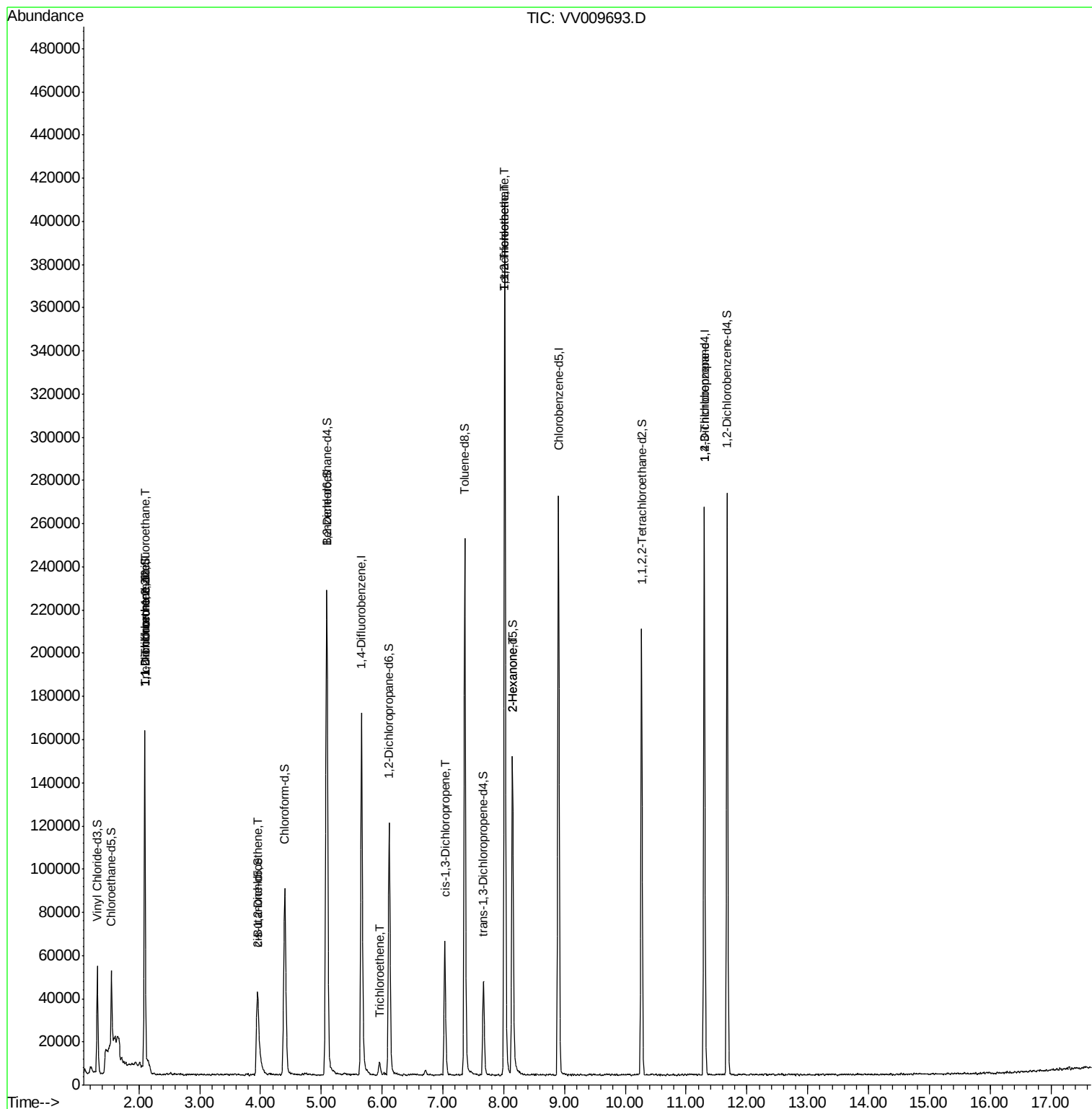
						Qvalue
9) Trichlorofluoromethane	2.09	101	776	0.382	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	776	0.688	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	899	0.932	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	3987	3.897	ug/L	85
34) Trichloroethene	5.96	95	1886	1.877	ug/L	86
39) cis-1,3-Dichloropropene	7.03	75	2007	1.312	ug/L #	77
45) 1,1,2-Trichloroethane	8.02	97	918	0.927	ug/L #	6
46) Tetrachloroethene	8.02	164	83942	106.252	ug/L	97
48) 2-Hexanone	8.14	43	6898	6.712	ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	9272	7.126	ug/L	94

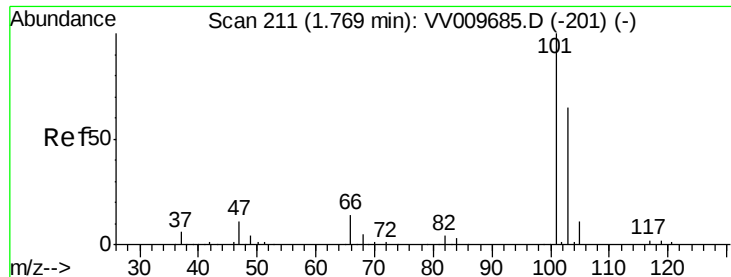
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009693.D
Acq On : 15 Mar 2019 18:16
Operator : SY/MD
Sample : K1939-10
Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0T3

Quant Time: Mar 16 02:36:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.382 ug/L

RT: 2.09 min Scan# 311

Delta R.T. 0.32 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

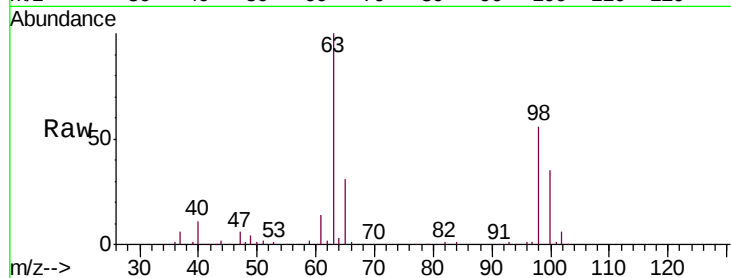
BF0T3

Tgt Ion:101 Resp: 776

Ion Ratio Lower Upper

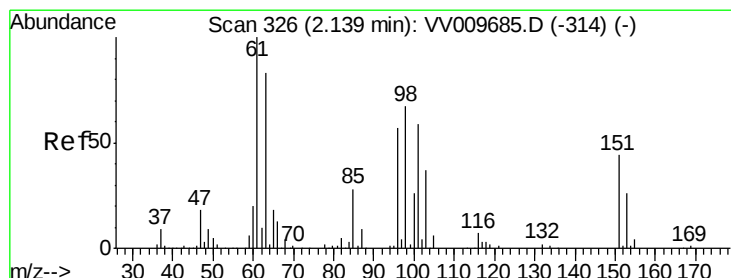
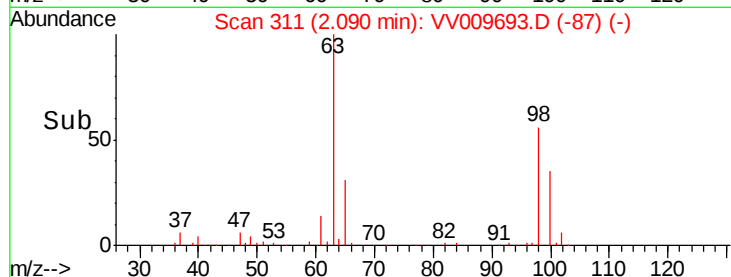
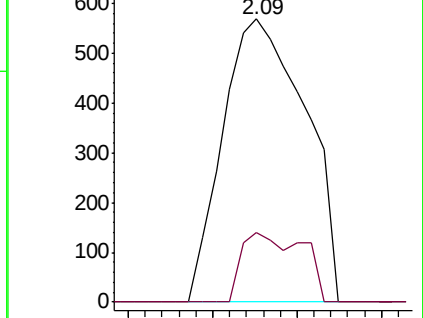
101 100

103 12.1 51.8 77.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.688 ug/L

RT: 2.09 min Scan# 311

Delta R.T. -0.05 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

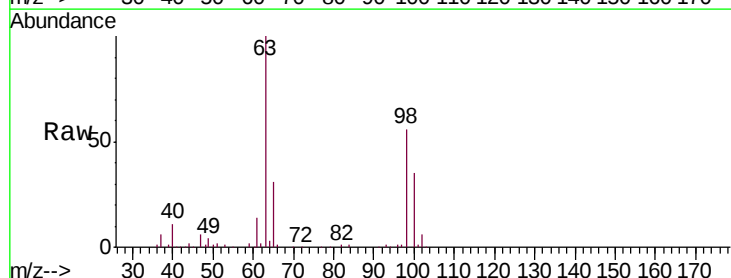
Tgt Ion:101 Resp: 776

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

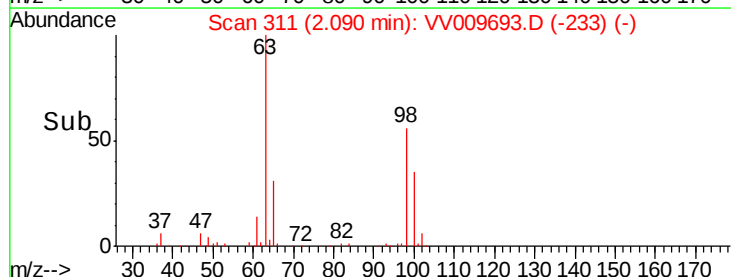
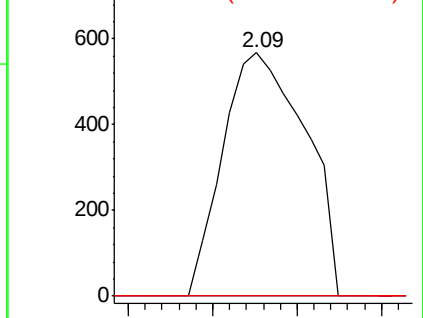
151 0.0 59.6 89.4#

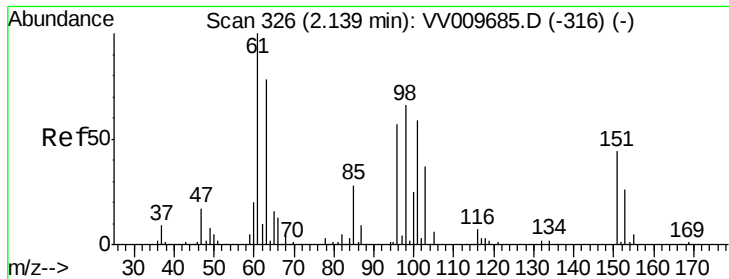


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

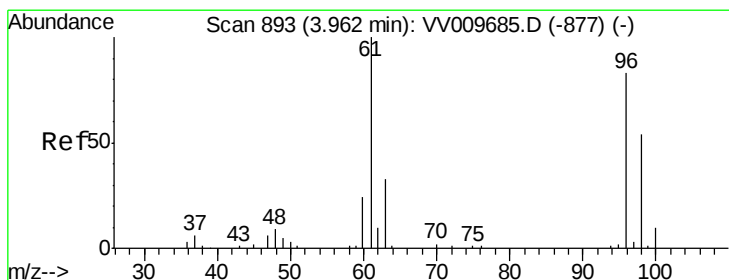
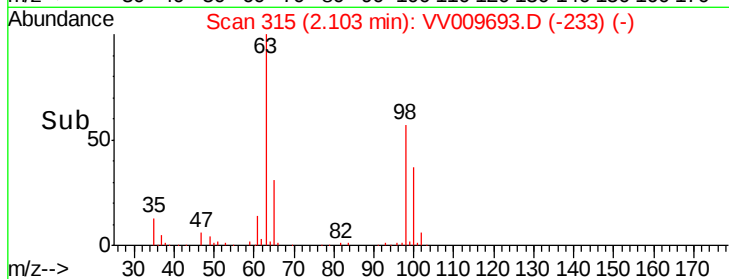
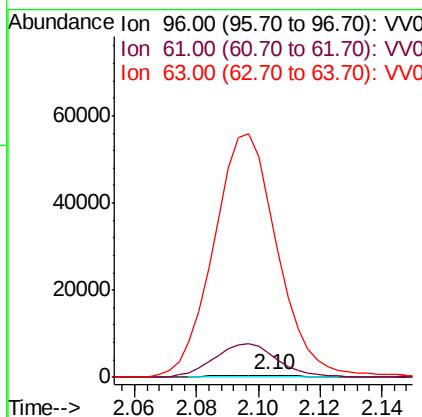
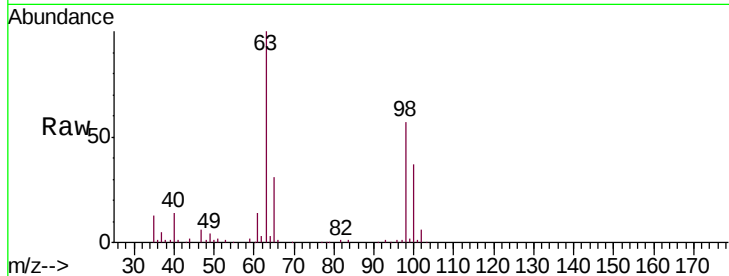




#12
 1,1-Dichloroethene
 Concen: 0.932 ug/L
 RT: 2.10 min Scan# 315
 Delta R.T. -0.04 min
 Lab File: VV009693.D
 Acq: 15 Mar 2019 18:16

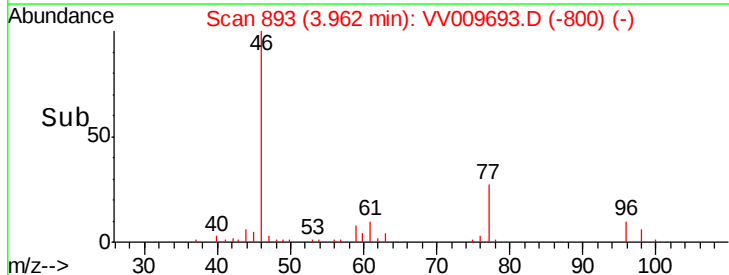
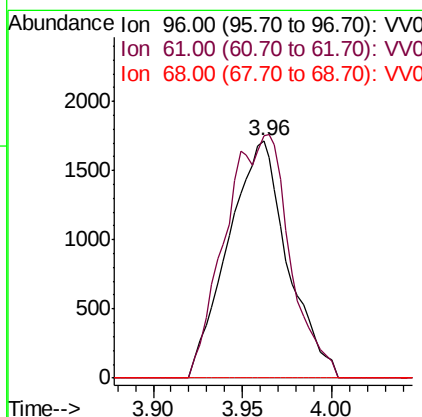
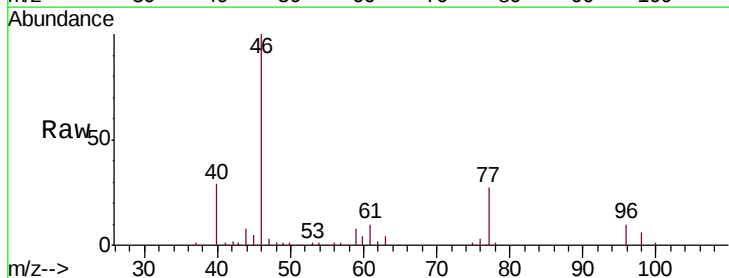
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T3

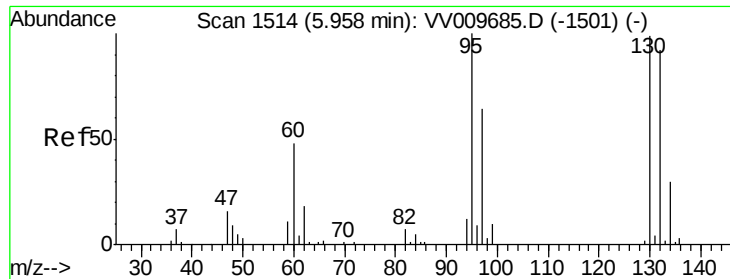
Tgt Ion: 96 Resp: 899
 Ion Ratio Lower Upper
 96 100
 61 1109.2 122.1 226.7#
 63 8093.0 107.6 199.8#



#20
 cis-1,2-Dichloroethene
 Concen: 3.897 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV009693.D
 Acq: 15 Mar 2019 18:16

Tgt Ion: 96 Resp: 3987
 Ion Ratio Lower Upper
 96 100
 61 101.7 82.4 153.0
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.877 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

BF0T3

Tgt Ion: 95 Resp: 1886

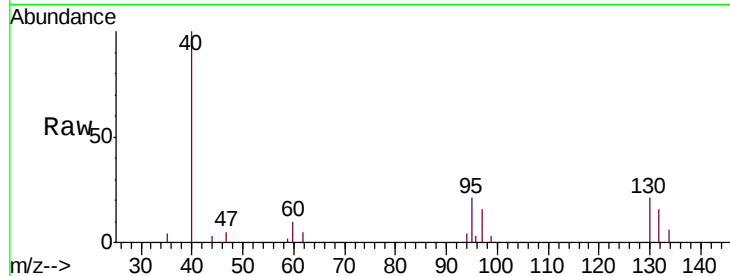
Ion Ratio Lower Upper

95 100

97 74.4 44.2 82.2

132 74.5 66.5 123.5

130 102.7 67.8 125.8

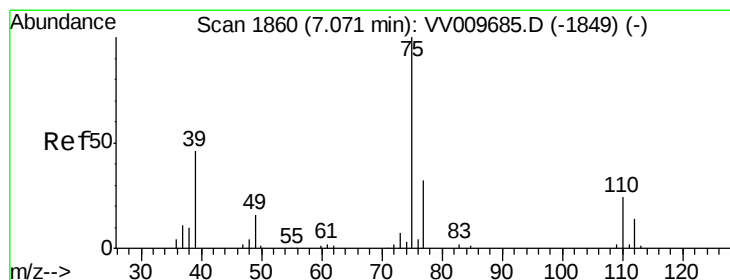
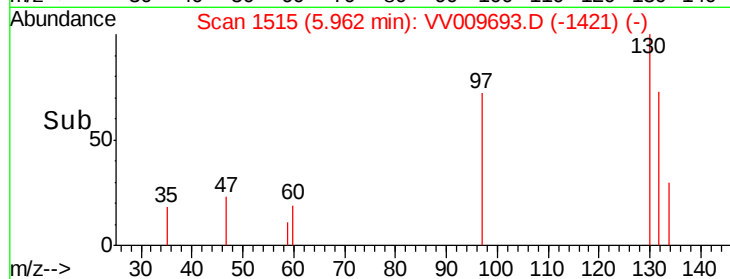
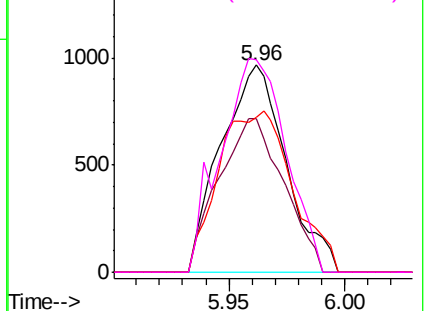


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.312 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009693.D

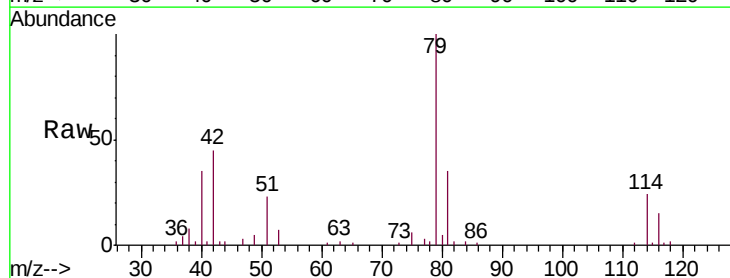
Acq: 15 Mar 2019 18:16

Tgt Ion: 75 Resp: 2007

Ion Ratio Lower Upper

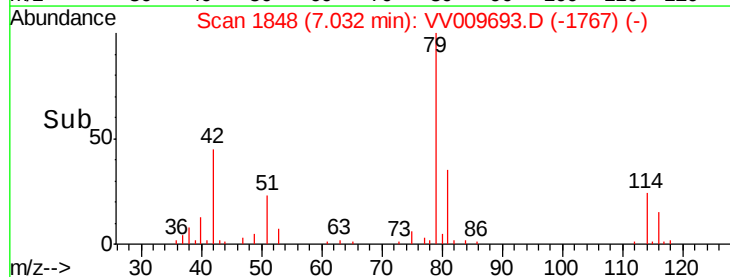
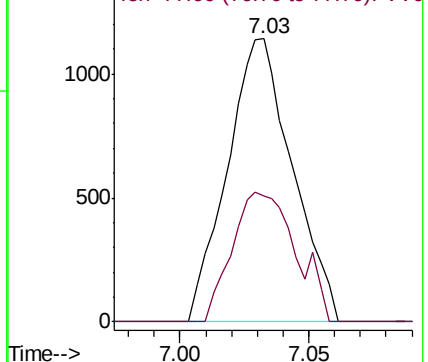
75 100

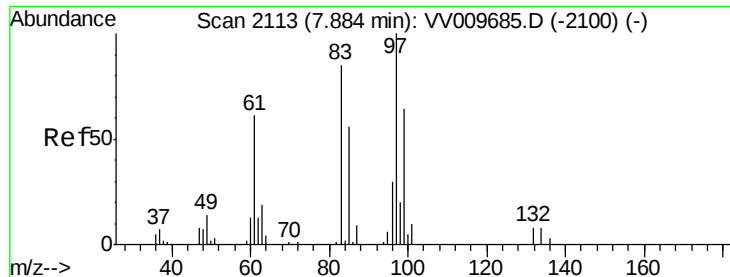
77 44.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#45

1,1,2-Trichloroethane

Concen: 0.927 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.13 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

BF0T3

Tgt Ion: 97 Resp: 918

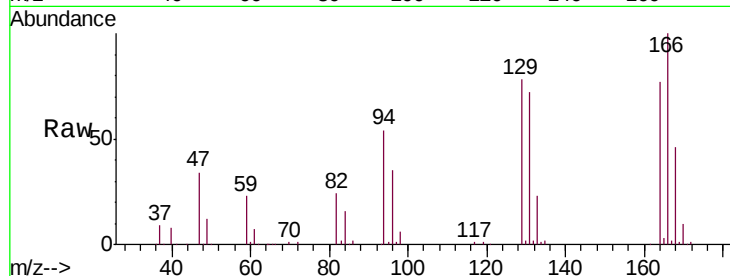
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.8#

83 221.8 61.5 114.3#

85 34.0 41.0 76.2#

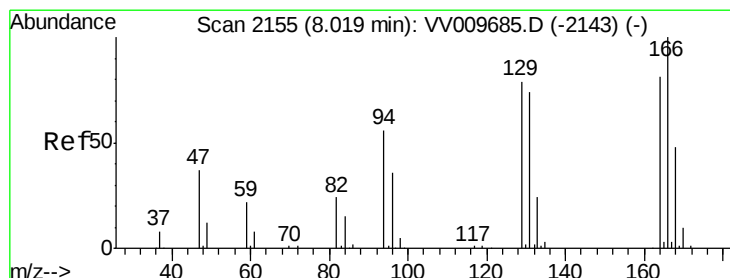
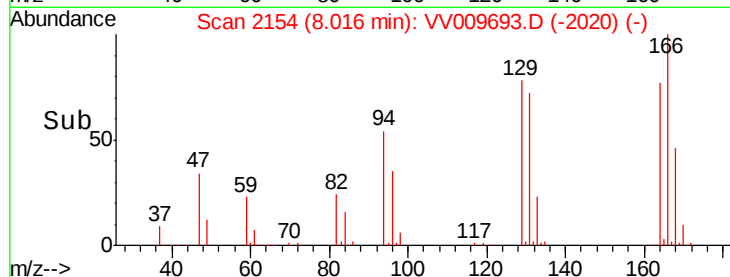
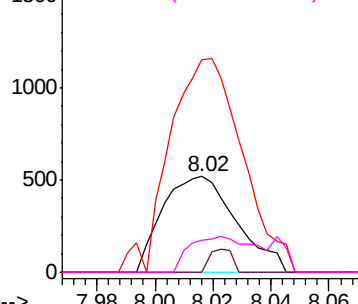


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 106.252 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

Tgt Ion: 164 Resp: 83942

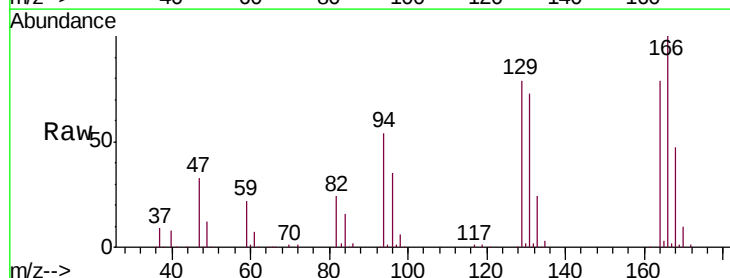
Ion Ratio Lower Upper

164 100

129 99.7 70.8 131.6

131 92.0 68.3 126.9

166 126.5 89.5 166.3

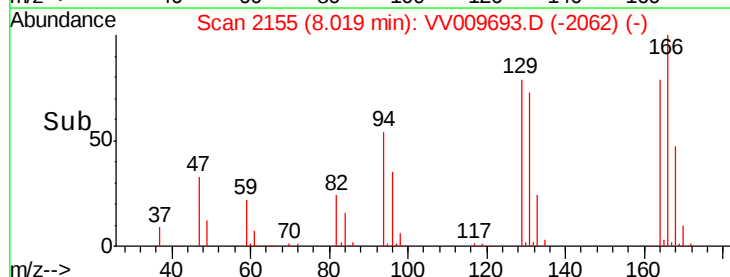
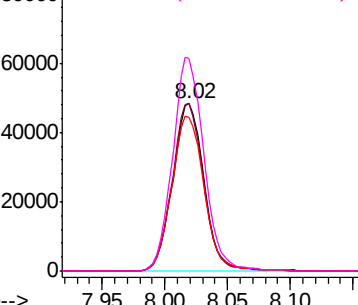


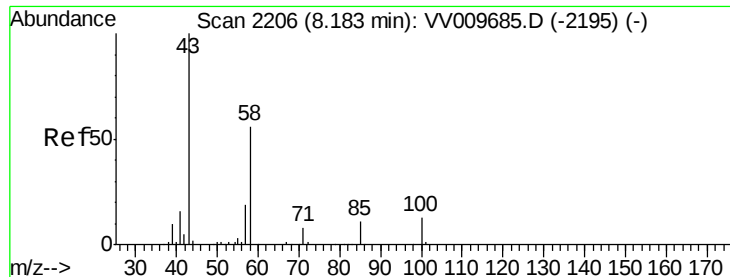
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

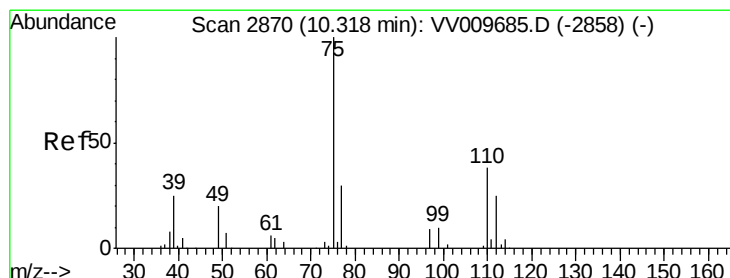
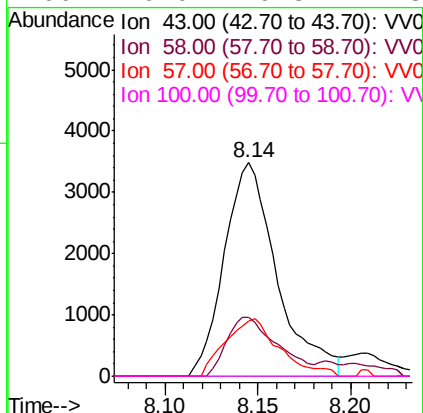
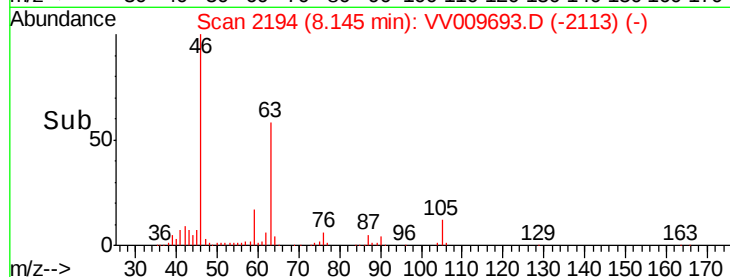
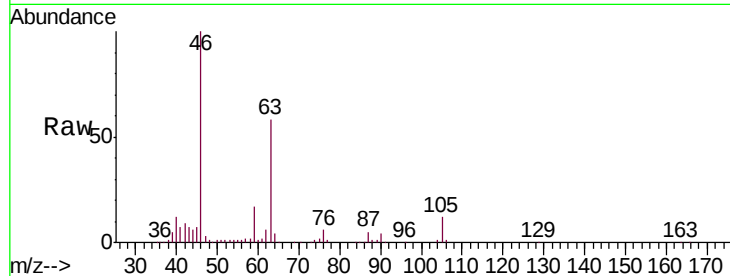




#48
2-Hexanone
Concen: 6.712 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV009693.D
Acq: 15 Mar 2019 18:16

Instrument :
MSVOA_V
ClientSampled :
BF0T3

Tgt Ion: 43 Resp: 6898
Ion Ratio Lower Upper
43 100
58 26.8 45.8 68.8#
57 26.5 14.5 21.7#
100 0.0 9.8 14.8#



#59
1,2,3-Trichloropropane
Concen: 7.126 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009693.D
Acq: 15 Mar 2019 18:16

Tgt Ion: 75 Resp: 9272
Ion Ratio Lower Upper
75 100
77 36.7 26.6 40.0

