

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019355.D
 Acq On : 12 Nov 2020 16:34
 Operator : SY/MD
 Sample : L4693-09ME 10X
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D9ME

Quant Time: Nov 13 01:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	210740	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	73617	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.68%
7) Chloroethane-d5	1.57	69	65048	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.12	63	121840	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	3.90	46	80373	98.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.11%
24) Chloroform-d	4.37	84	142611	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.05	65	103097	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.07	84	261907	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.09	67	73106	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.34	98	248381	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%
43) trans-1,3-Dichloropropene-	7.64	79	44797	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
47) 2-Hexanone-d5	8.11	63	54232	96.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	91679	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	110308	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

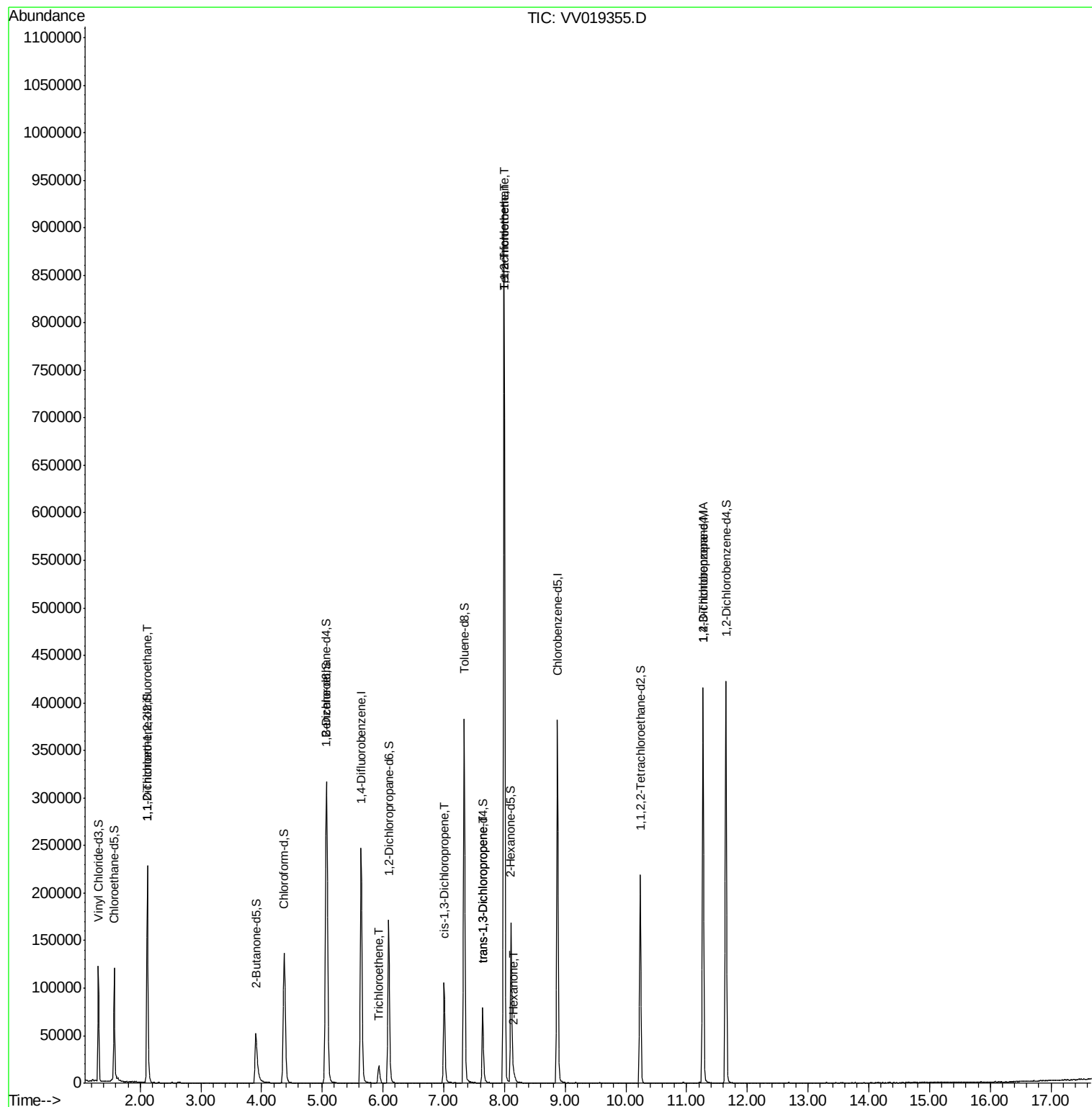
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1292	0.928 ug/L #	15
34) Trichloroethene	5.94	95	1839	1.160 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	3003	1.371 ug/L #	60
44) trans-1,3-Dichloropropene	7.64	75	2242	0.961 ug/L	87
45) 1,1,2-Trichloroethane	7.99	97	1745	1.259 ug/L #	29
46) Tetrachloroethene	7.99	164	213142	152.610 ug/L	98
48) 2-Hexanone	8.16	43	3599	2.848 ug/L #	45
59) 1,2,3-Trichloropropane	11.27	75	10520	6.029 ug/L	95

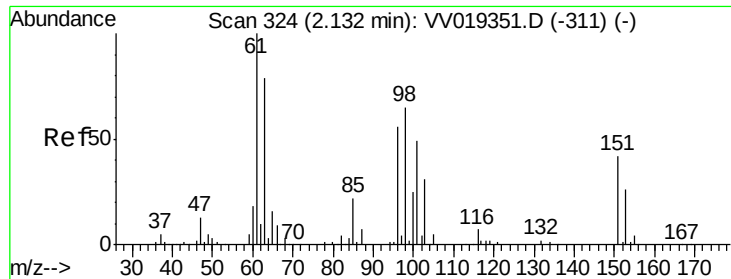
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 13 01:06:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.928 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019355.D

Acq: 12 Nov 2020 16:34

Instrument :

MSVOA_V

ClientSampleId :

BG4D9ME

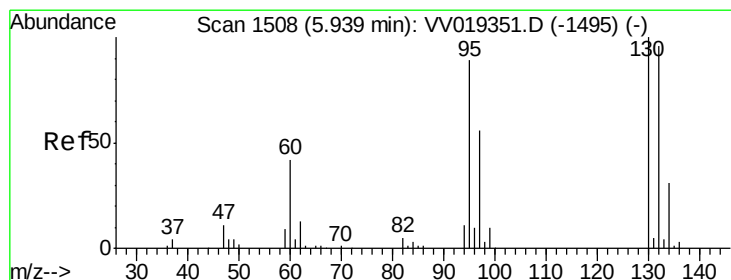
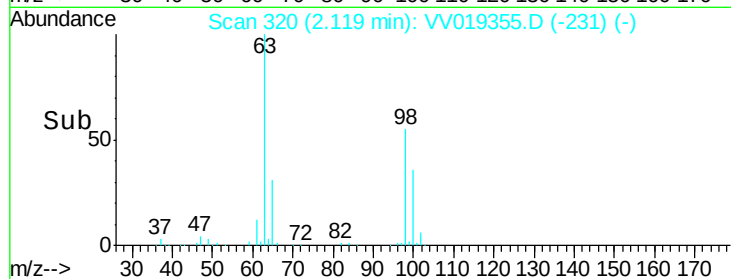
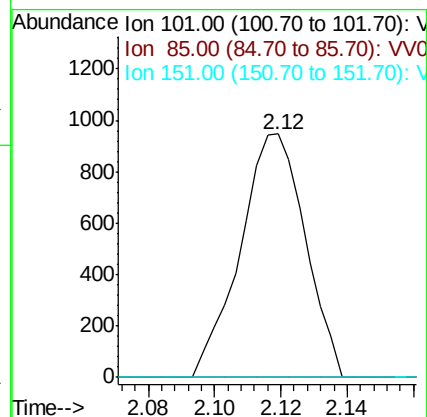
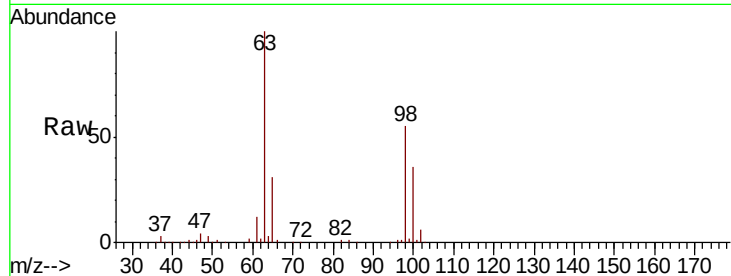
Tot Ion:101 Resp: 1292

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

151 0.0 69.2 103.8#



#34

Trichloroethene

Concen: 1.160 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV019355.D

Acq: 12 Nov 2020 16:34

Tgt Ion: 95 Resp: 1839

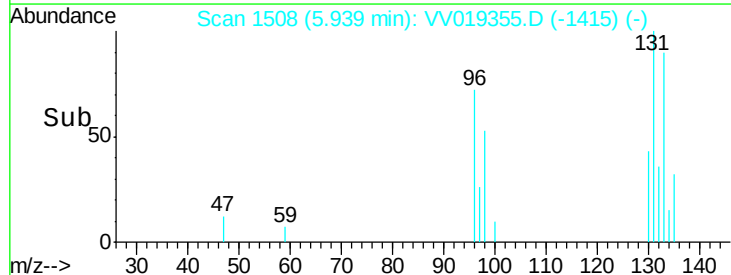
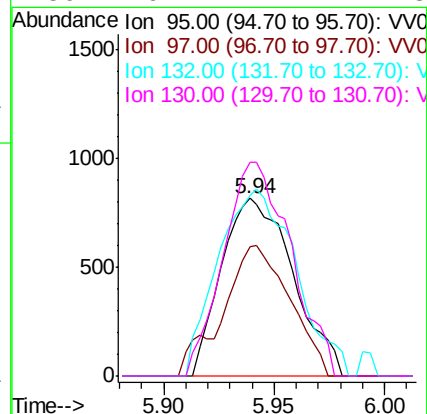
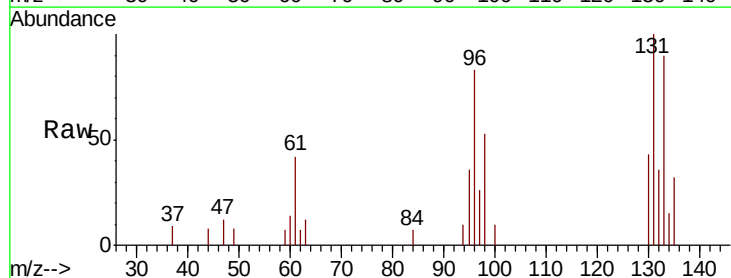
Ion Ratio Lower Upper

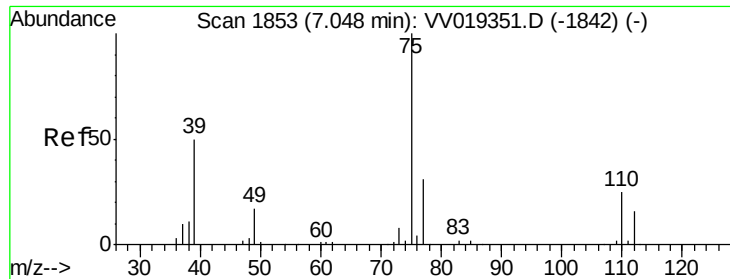
95 100

97 72.9 46.8 86.8

132 101.5 75.5 140.3

130 120.1 77.7 144.3





#39

cis-1,3-Dichloropropene

Concen: 1.371 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019355.D

Acq: 12 Nov 2020 16:34

Instrument :

MSVOA_V

ClientSampleId :

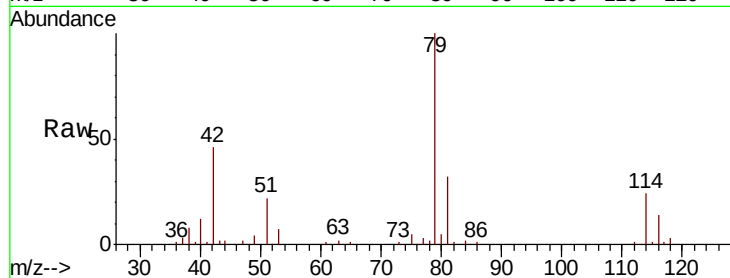
BG4D9ME

Tot Ion: 75 Resp: 3003

Ion Ratio Lower Upper

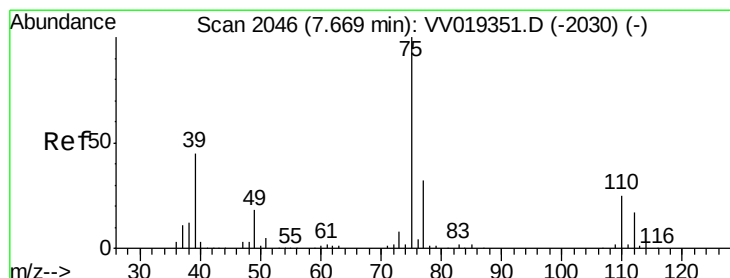
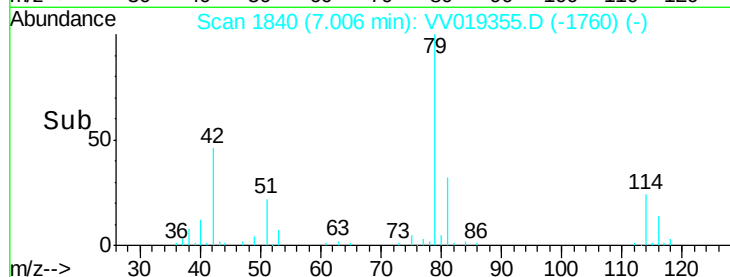
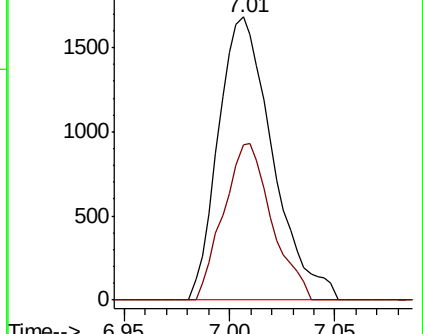
75 100

77 54.8 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019355.D

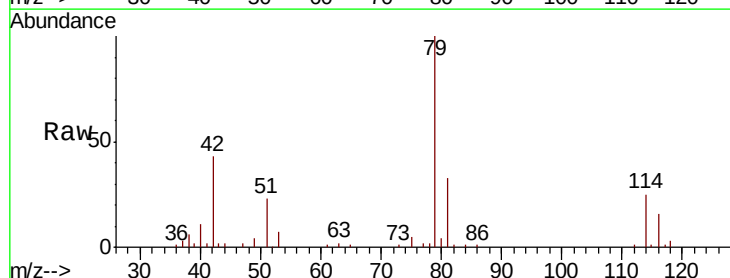
Acq: 12 Nov 2020 16:34

Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

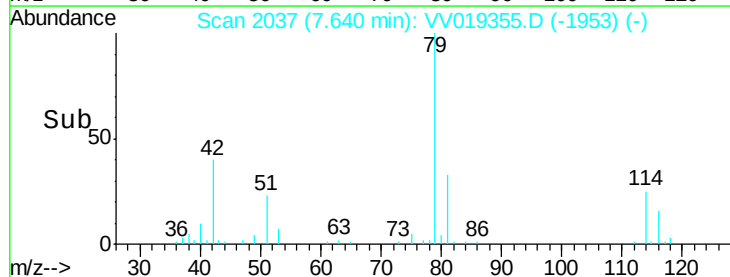
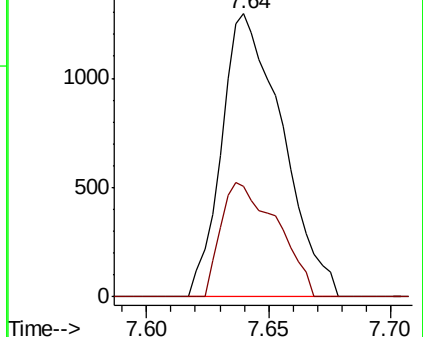
75 100

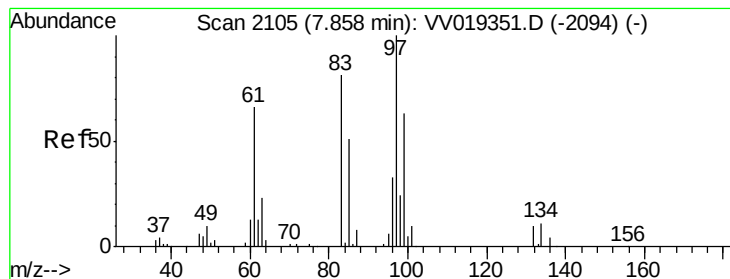
77 38.9 22.0 41.0



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: 1.259 ug/L

RT: 7.99 min Scan# 2146

Delta R.T. 0.13 min

Lab File: VV019355.D

Acq: 12 Nov 2020 16:34

Instrument :

MSVOA_V

ClientSampleId :

BG4D9ME

Tot Ion: 97 Resp: 1745

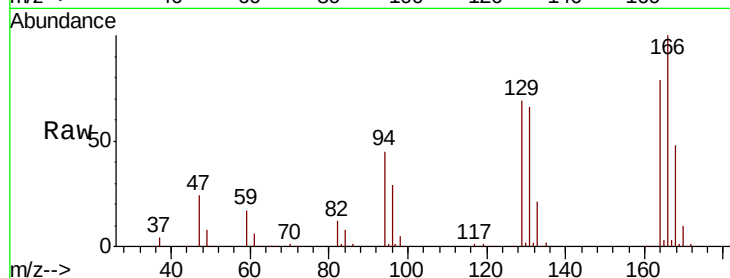
Ion Ratio Lower Upper

97 100

99 19.5 42.5 78.9#

83 175.4 58.1 107.9#

85 23.2 37.2 69.0#



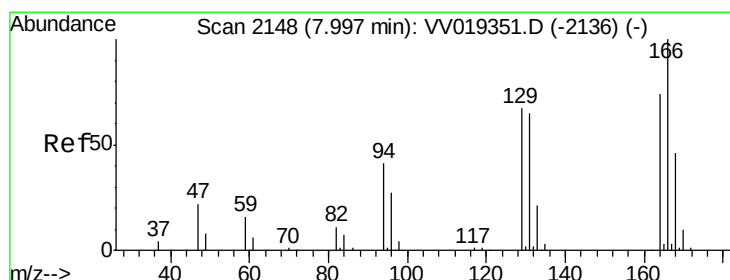
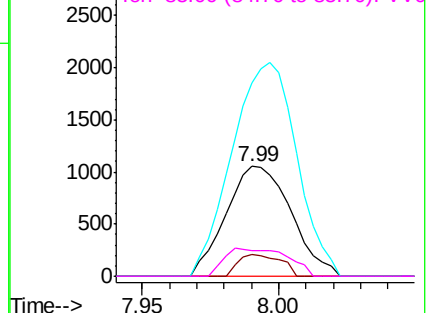
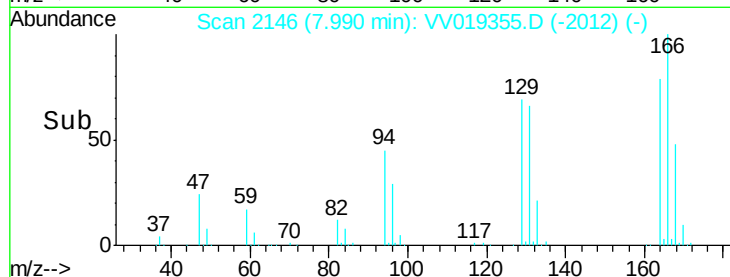
Abundance

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: 152.610 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV019355.D

Acq: 12 Nov 2020 16:34

Tgt Ion:164 Resp: 213142

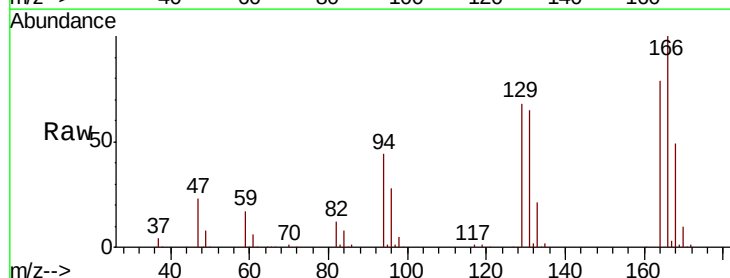
Ion Ratio Lower Upper

164 100

129 86.2 60.9 113.1

131 82.6 58.9 109.5

166 126.7 91.4 169.8



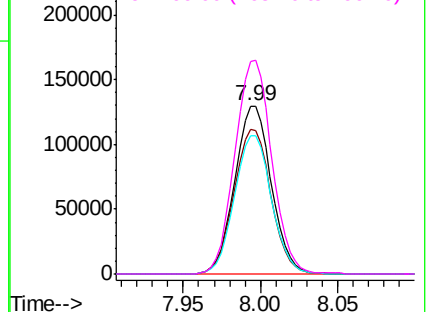
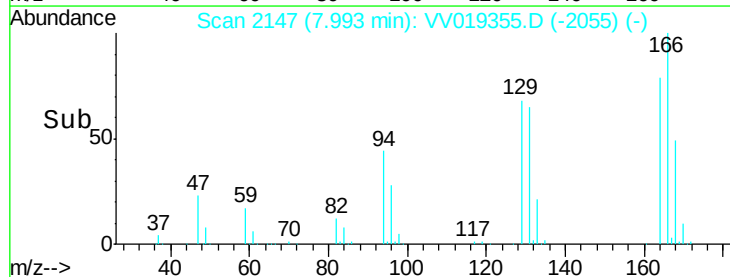
Abundance

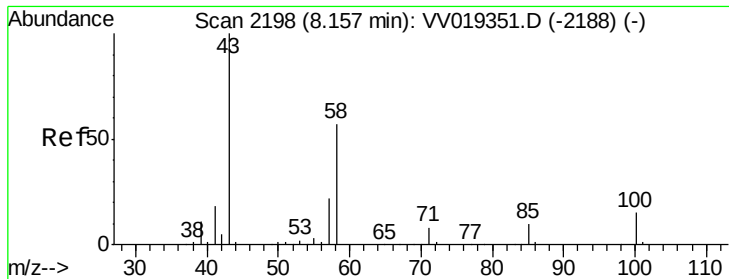
Ion 164.00 (163.70 to 164.70): V

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

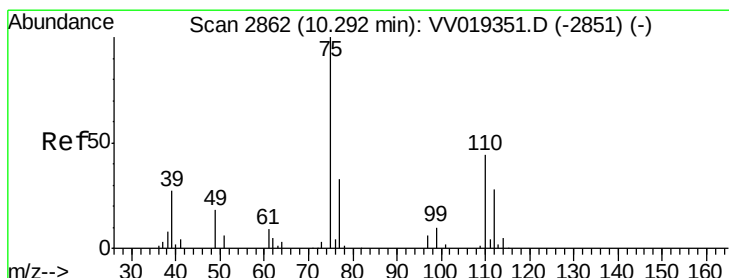
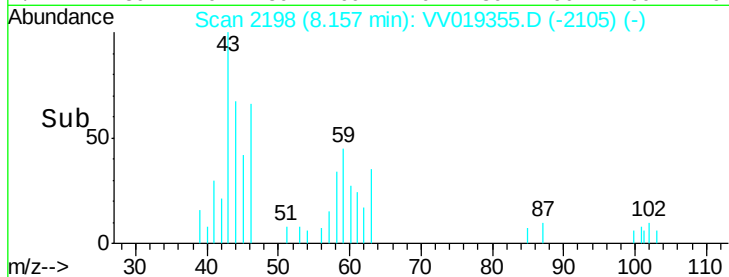
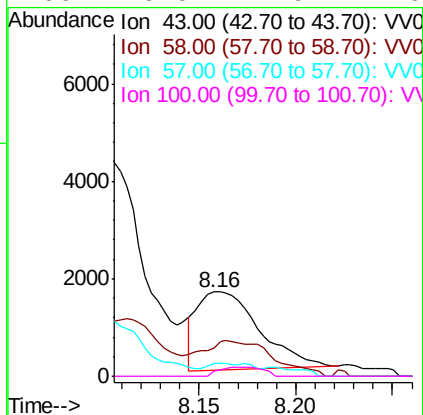
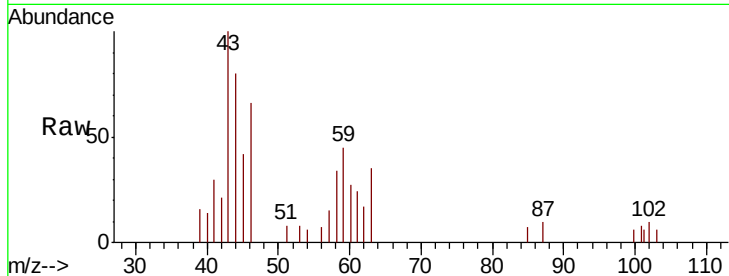




#48
2-Hexanone
Concen: 2.848 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV019355.D
Acq: 12 Nov 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :
BG4D9ME

Tot Ion: 43 Resp: 3599
Ion Ratio Lower Upper
43 100
58 5.2 43.6 65.4#
57 5.2 17.2 25.8#
100 0.0 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 6.029 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019355.D
Acq: 12 Nov 2020 16:34

Tgt Ion: 75 Resp: 10520
Ion Ratio Lower Upper
75 100
77 34.1 25.0 37.4

