

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018804.D
 Acq On : 09 Oct 2020 09:20
 Operator : SY/MD
 Sample : L4284-04ME
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W1ME

Quant Time: Oct 09 23:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395902	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181177	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	73907	20.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.10%#
7) Chloroethane-d5	1.57	69	64848	22.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.80%#
11) 1,1-Dichloroethene-d2	2.10	63	128593	18.54	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	37.08%#
21) 2-Butanone-d5	3.92	46	138927	62.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.90%
24) Chloroform-d	4.37	84	193317	30.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.92%#
26) 1,2-Dichloroethane-d4	5.05	65	143074	33.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.52%#
32) Benzene-d6	5.07	84	387128	31.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.84%#
36) 1,2-Dichloropropane-d6	6.09	67	129786	32.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.62%#
41) Toluene-d8	7.34	98	342443	31.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.62%#
43) trans-1,3-Dichloropropene-	7.64	79	59227	30.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.32%
47) 2-Hexanone-d5	8.14	63	82272	58.44	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134294	29.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	58.12%#
64) 1,2-Dichlorobenzene-d4	11.65	152	141971	35.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.82%#

Target Compounds

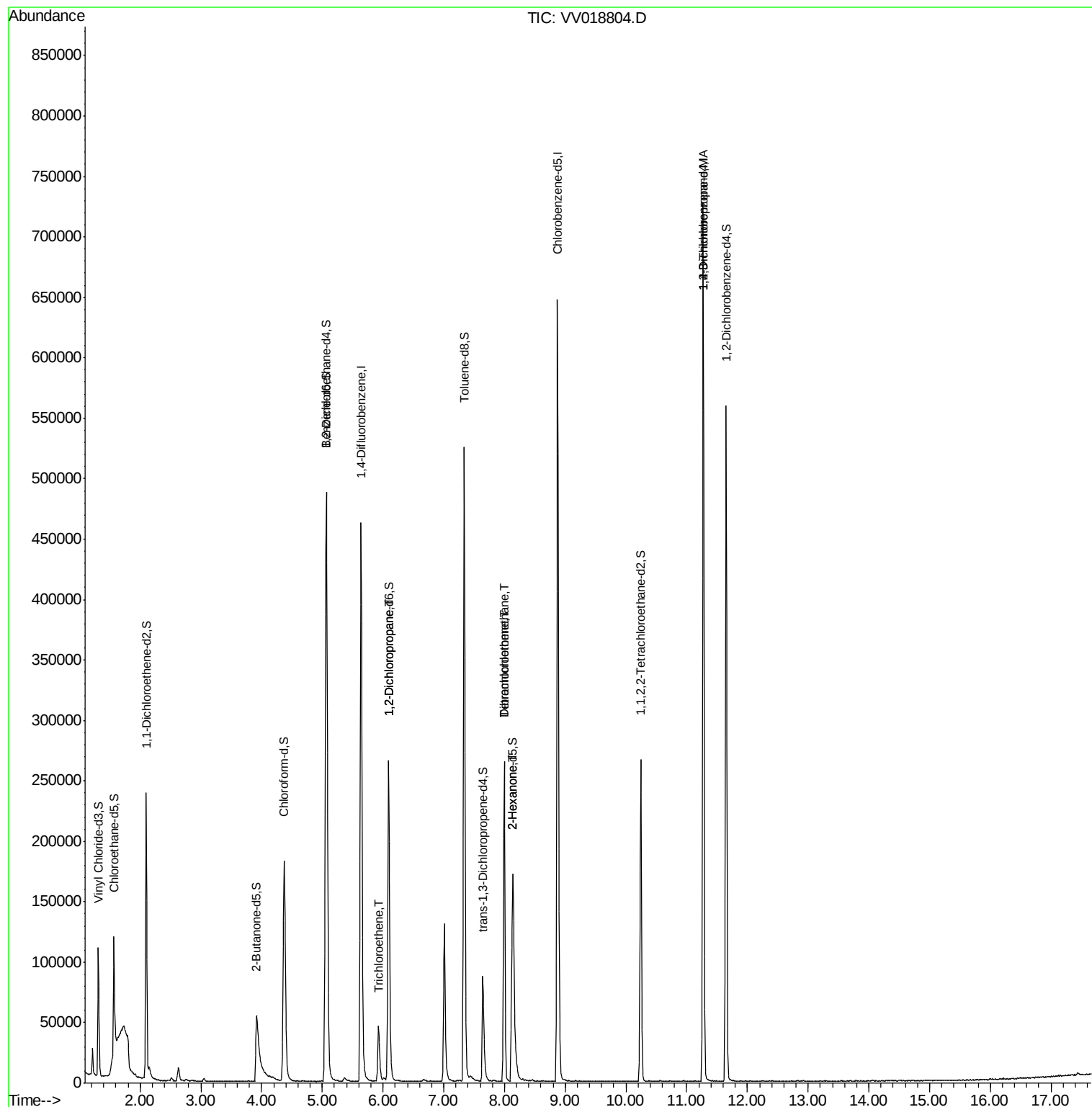
					Ovalue
34) Trichloroethene	5.95	95	3238	0.926 ug/L	91
37) 1,2-Dichloropropane	6.09	63	15688	4.703 ug/L #	87
46) Tetrachloroethene	8.00	164	59425	23.198 ug/L	97
48) 2-Hexanone	8.14	43	12412	3.627 ug/L #	81
49) Dibromochloromethane	8.00	129	52443	16.014 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	22250	5.605 ug/L	90

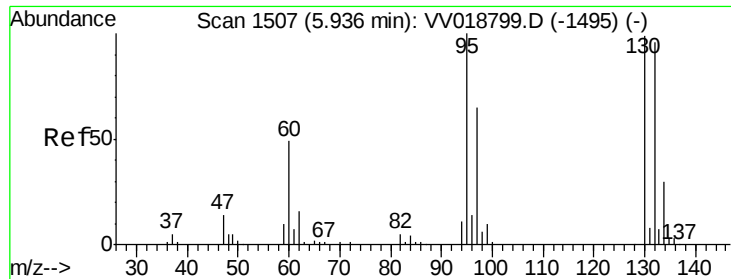
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.926 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018804.D

Acq: 09 Oct 2020 09:20

Instrument :

MSVOA_V

ClientSampleId :

BG3W1ME

Tot Ion: 95 Resp: 3238

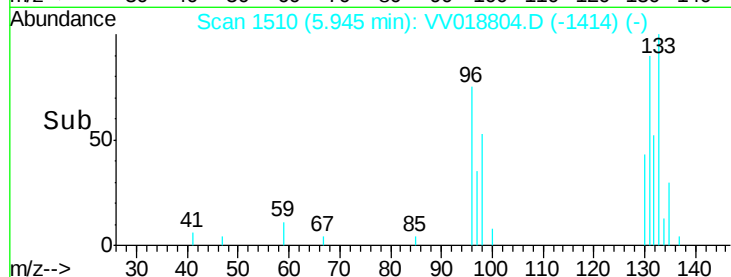
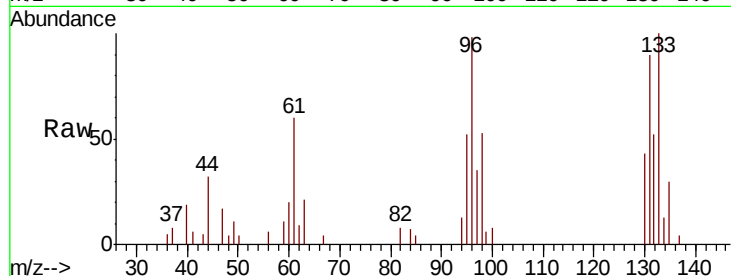
Ion Ratio Lower Upper

95 100

97 67.2 45.1 83.9

132 100.0 66.2 123.0

130 83.6 69.1 128.3

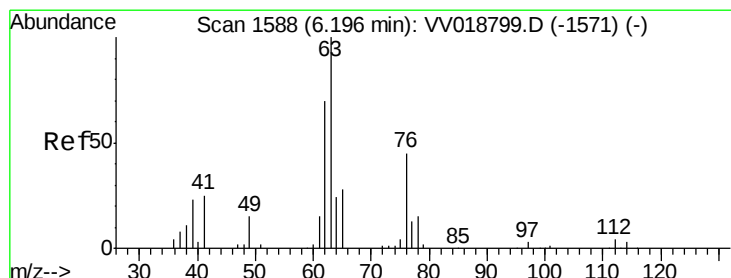
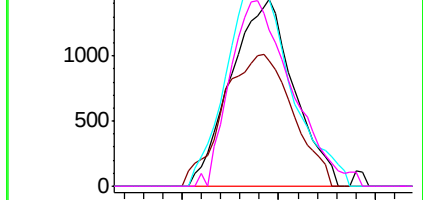


Abundance Ion 95.00 (94.70 to 95.70): VV018799.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018799.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018799.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018799.D (-1495) (-)



#37

1,2-Dichloropropane

Concen: 4.703 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018804.D

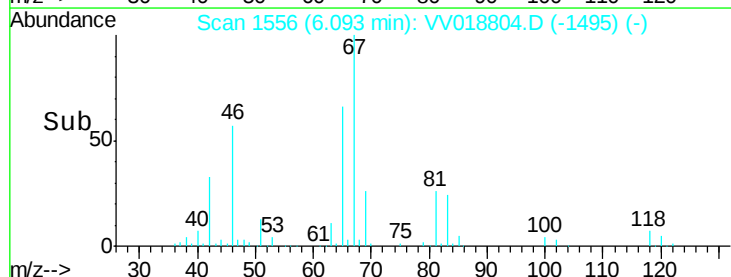
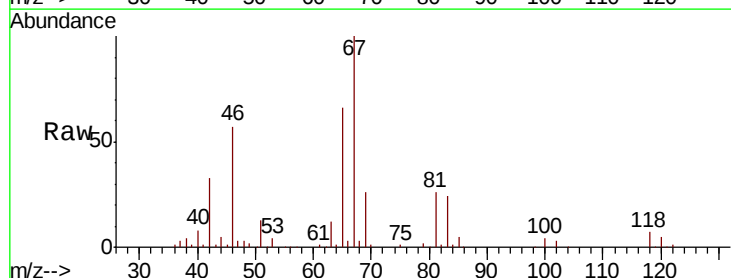
Acq: 09 Oct 2020 09:20

Tgt Ion: 63 Resp: 15688

Ion Ratio Lower Upper

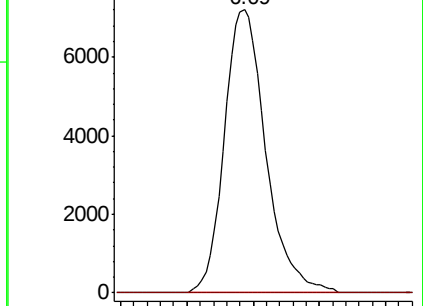
63 100

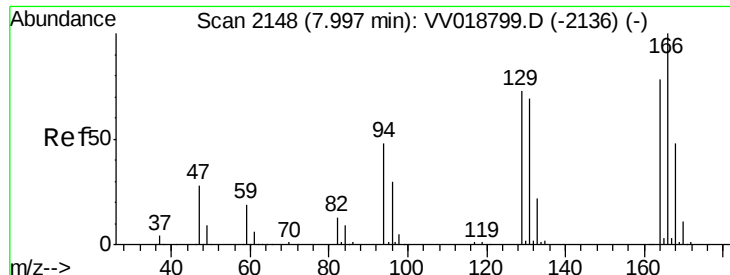
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018799.D (-1571) (-)

Ion 112.00 (111.70 to 112.70): VV018799.D (-1571) (-)





#46

Tetrachloroethene

Concen: 23.198 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018804.D

Acq: 09 Oct 2020 09:20

Instrument :

MSVOA_V

ClientSampleId :

BG3W1ME

Tot Ion:164 Resp: 59425

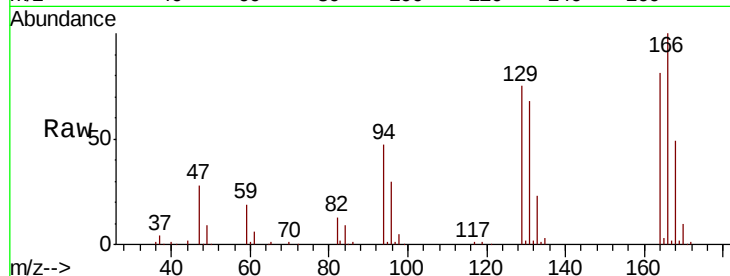
Ion Ratio Lower Upper

164 100

129 92.1 64.6 120.0

131 84.1 63.6 118.0

166 123.2 88.3 164.1

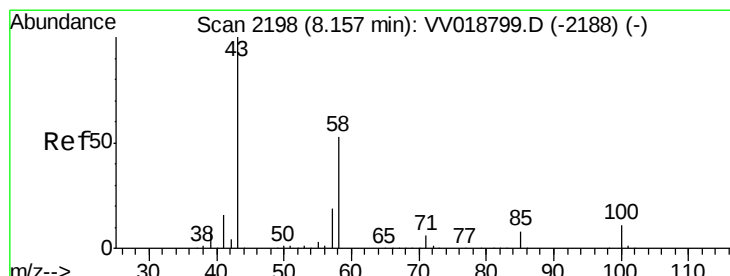
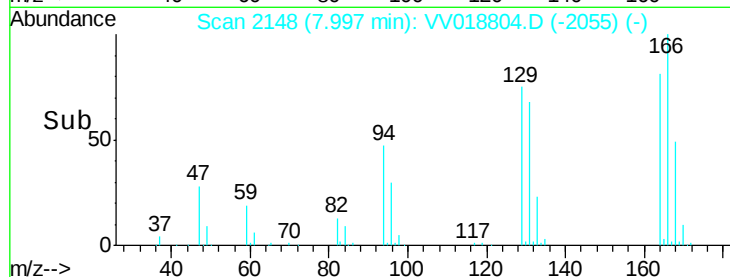
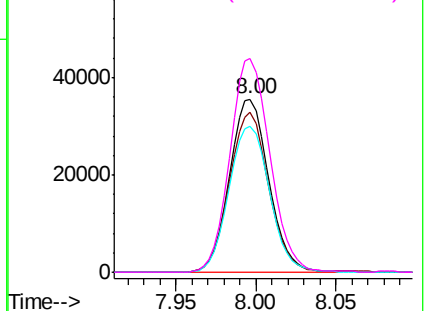


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.627 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.02 min

Lab File: VV018804.D

Acq: 09 Oct 2020 09:20

Tgt Ion: 43 Resp: 12412

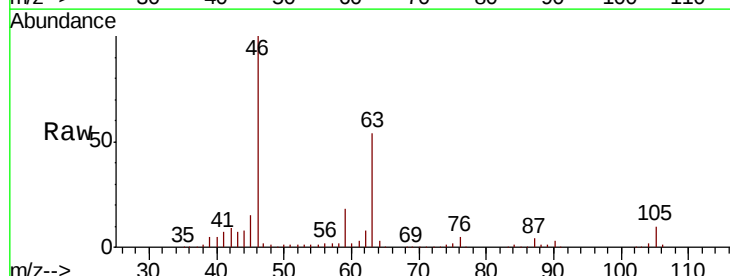
Ion Ratio Lower Upper

43 100

58 36.5 41.8 62.8#

57 20.3 14.9 22.3

100 0.9 9.2 13.8#

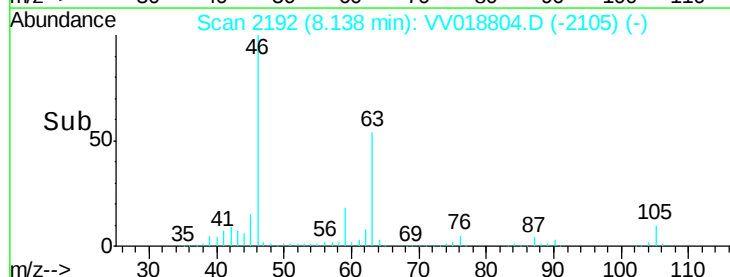
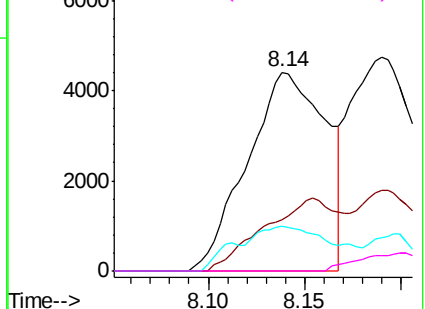


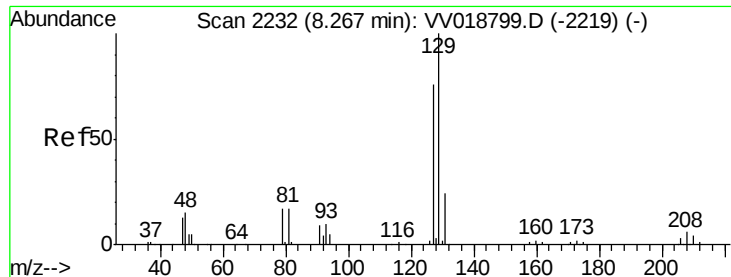
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 16.014 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018804.D

Acq: 09 Oct 2020 09:20

Instrument :

MSVOA_V

ClientSampleId :

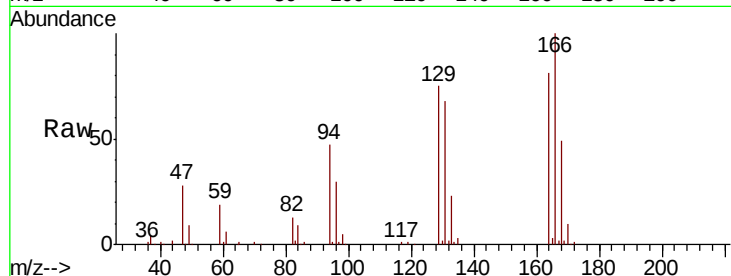
BG3W1ME

Tot Ion:129 Resp: 52443

Ion Ratio Lower Upper

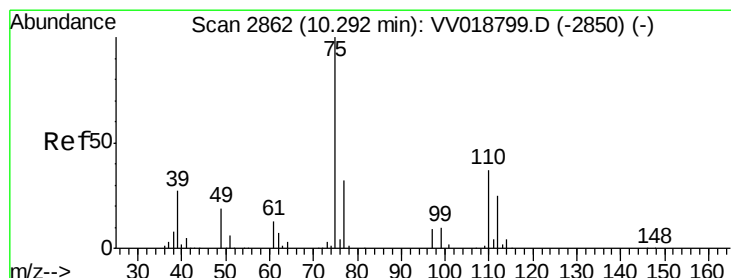
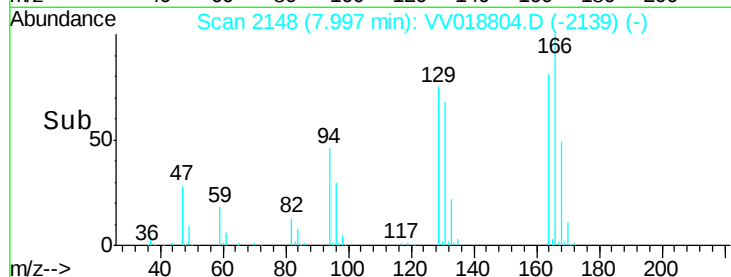
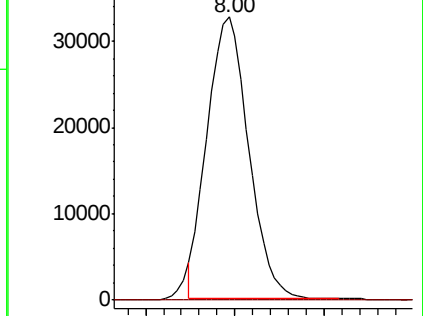
129 100

127 0.0 55.3 102.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.605 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018804.D

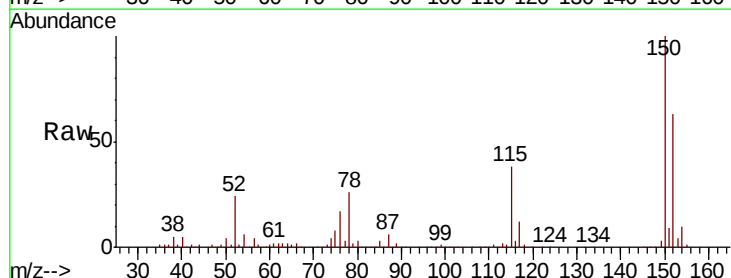
Acq: 09 Oct 2020 09:20

Tgt Ion: 75 Resp: 22250

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

