

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018930.D
 Acq On : 15 Oct 2020 22:57
 Operator : SY/MD
 Sample : L4382-13 40X
 Misc : 5.95g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Quant Time: Oct 16 08:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312674	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115134	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.46%
7) Chloroethane-d5	1.58	69	96299	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.12	63	176029	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	3.91	46	164877	91.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.90%
24) Chloroform-d	4.37	84	212493	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.06	65	149626	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
32) Benzene-d6	5.07	84	430319	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.09	67	138093	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.34	98	375737	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.64	79	63670	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.11	63	96939	88.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144089	41.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	151399	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%

Target Compounds

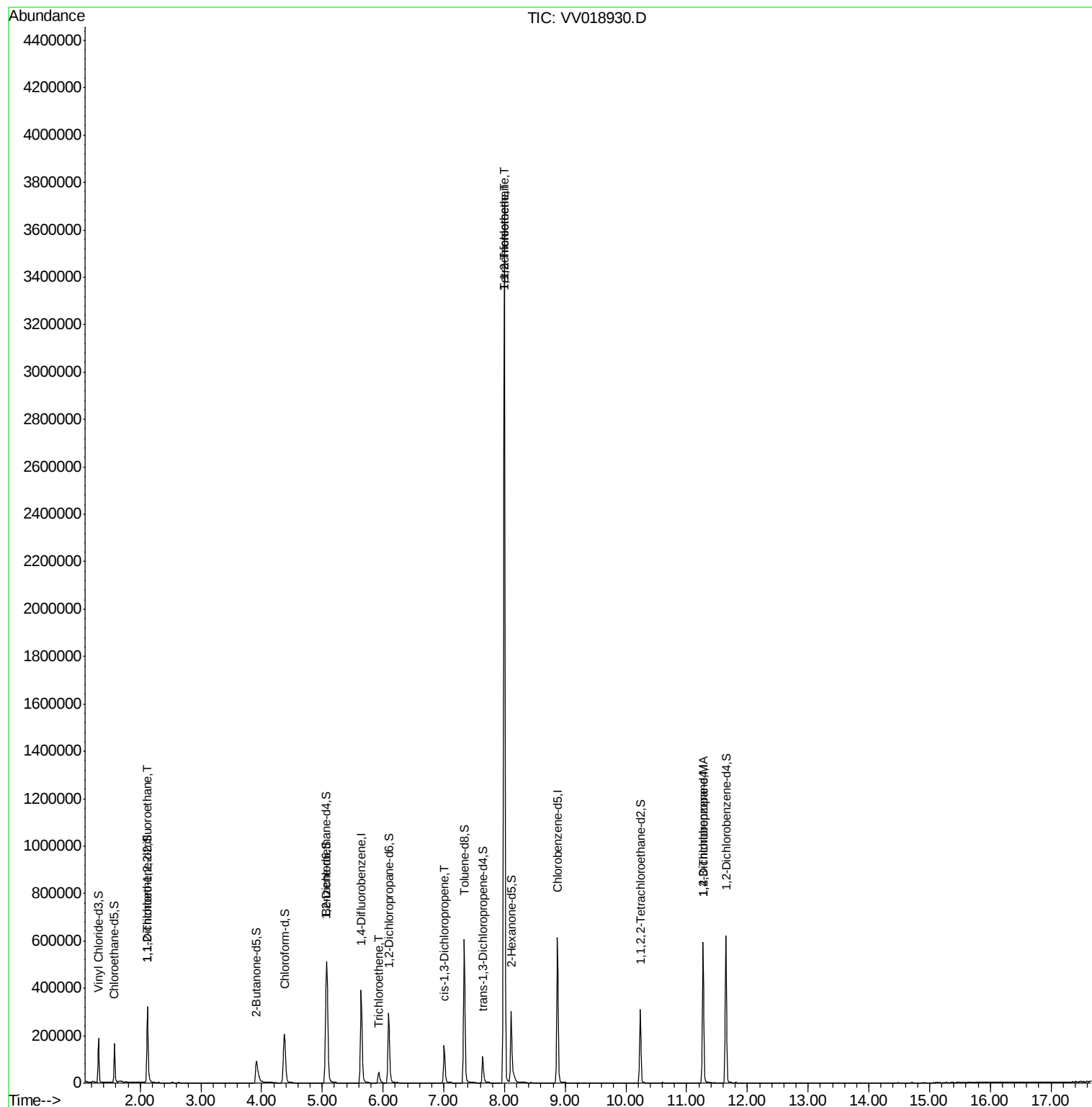
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1502	0.740 ug/L #	20
34) Trichloroethene	5.94	95	2462	0.884 ug/L	85
39) cis-1,3-Dichloropropene	7.01	75	4060	1.045 ug/L #	70
45) 1,1,2-Trichloroethane	7.99	97	7022	2.920 ug/L #	4
46) Tetrachloroethene	8.00	164	795632	405.341 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	17136	5.475 ug/L #	84

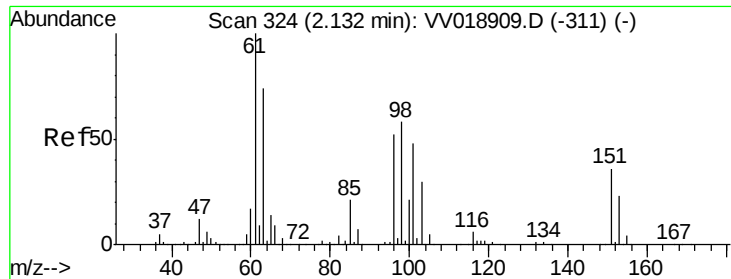
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 08:38:45 2020
Response via : Initial Calibration





#10

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

Concen: 0.740 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018930.D

Acq: 15 Oct 2020 22:57

Instrument :

MSVOA_V

ClientSampled :

BG3Y1

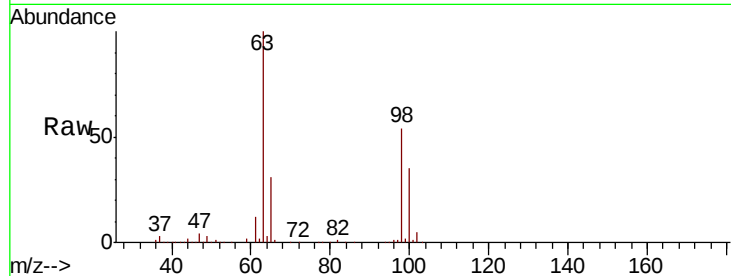
Tot Ion:101 Resp: 1502

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

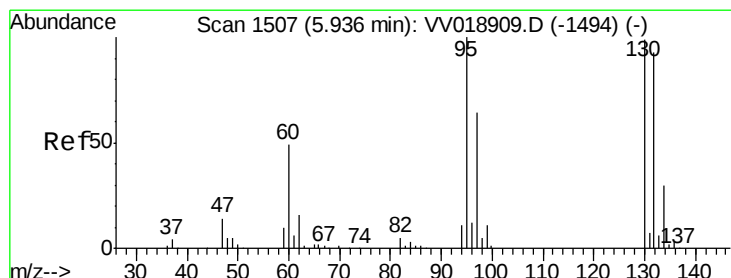
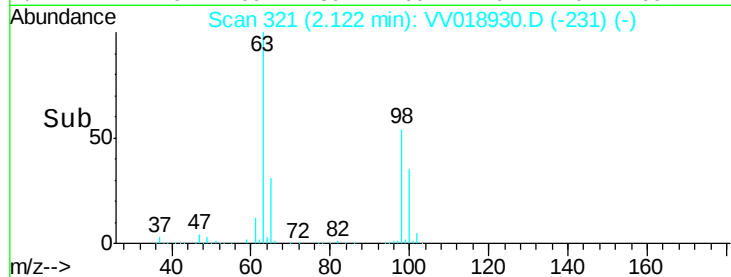
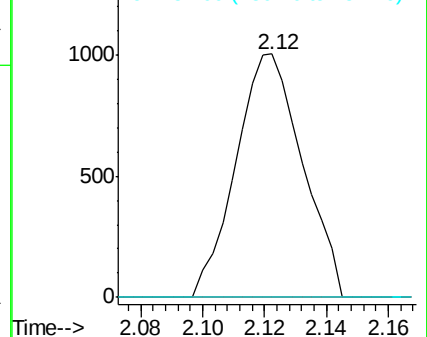
151 0.0 59.7 89.5#



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



#34

Trichloroethene

Concen: 0.884 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018930.D

Acq: 15 Oct 2020 22:57

Tgt Ion: 95 Resp: 2462

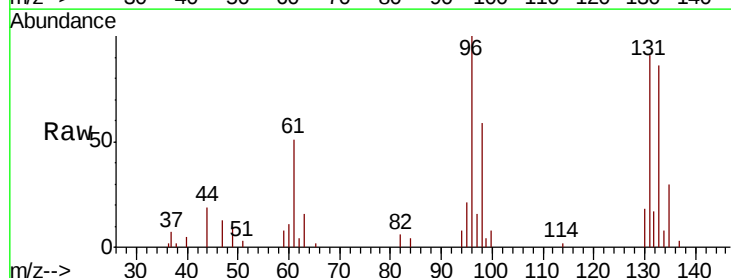
Ion Ratio Lower Upper

95 100

97 77.3 44.7 82.9

132 81.5 67.0 124.4

130 87.2 70.8 131.6

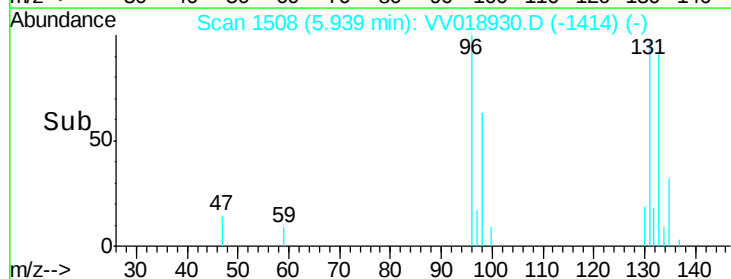
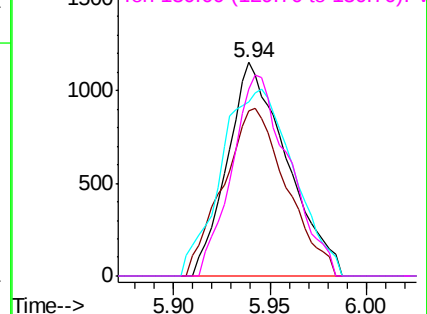


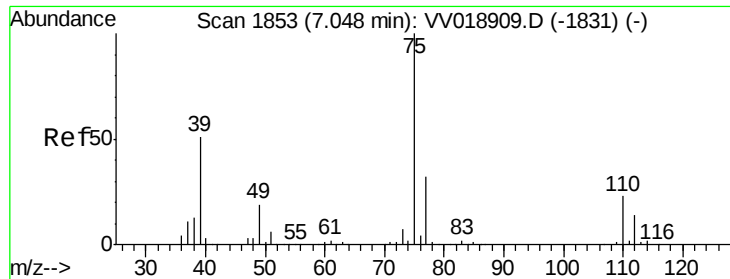
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.045 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018930.D

Acq: 15 Oct 2020 22:57

Instrument :

MSVOA_V

ClientSampled :

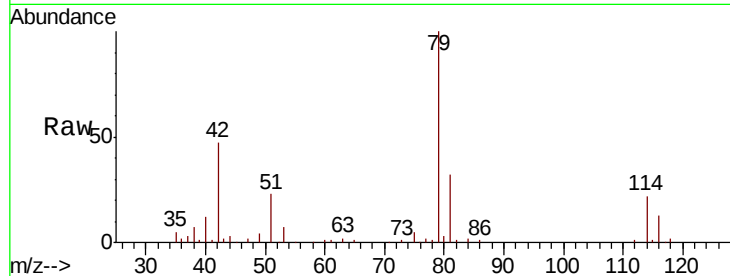
BG3Y1

Tot Ion: 75 Resp: 4060

Ion Ratio Lower Upper

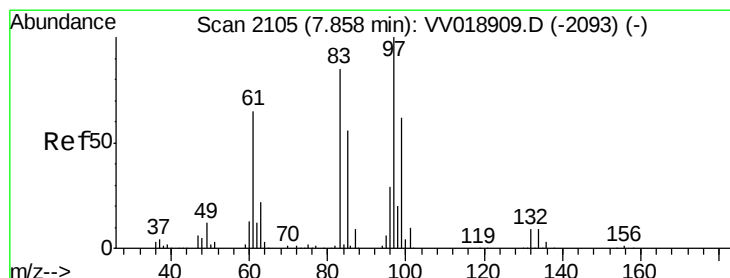
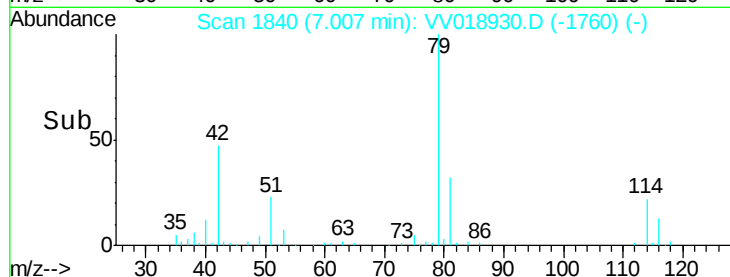
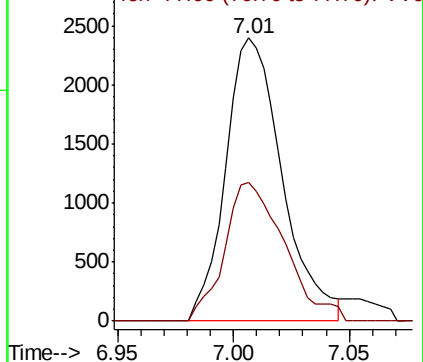
75 100

77 49.0 22.5 41.9#



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: 2.920 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.13 min

Lab File: VV018930.D

Acq: 15 Oct 2020 22:57

Tgt Ion: 97 Resp: 7022

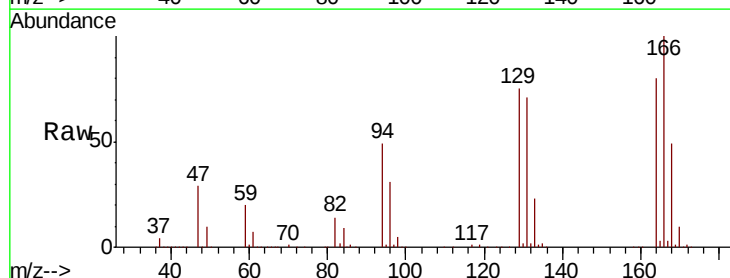
Ion Ratio Lower Upper

97 100

99 16.7 43.8 81.4#

83 249.6 61.0 113.4#

85 45.4 38.9 72.2

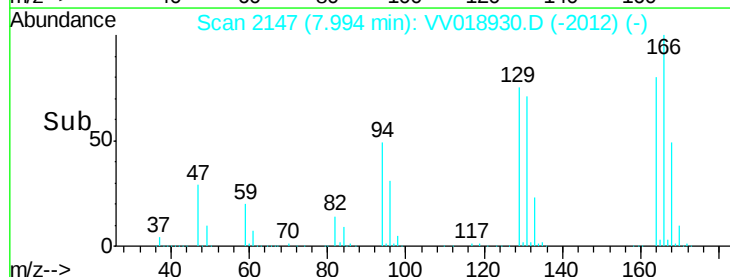
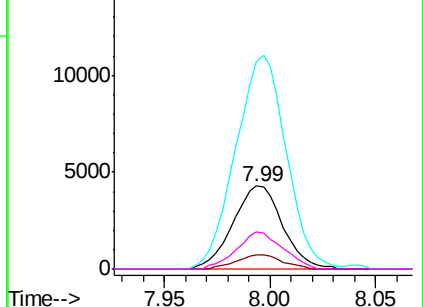


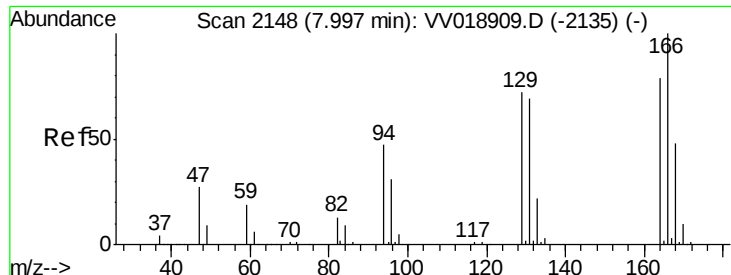
Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 405.341 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018930.D

Acq: 15 Oct 2020 22:57

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Tot Ion:164 Resp: 795632

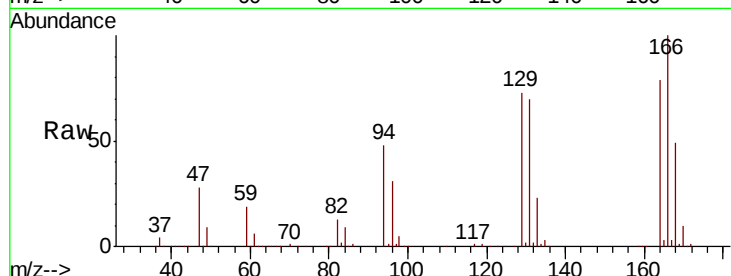
Ion Ratio Lower Upper

164 100

129 92.8 65.0 120.8

131 89.0 62.9 116.7

166 126.6 91.1 169.3

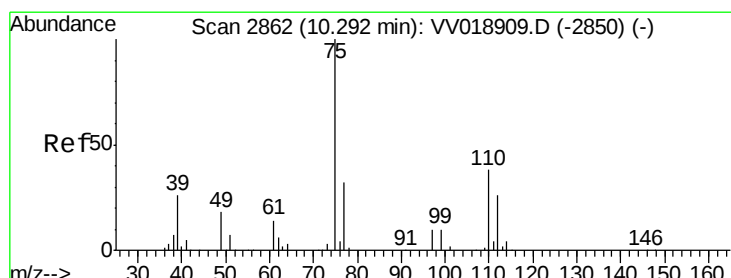
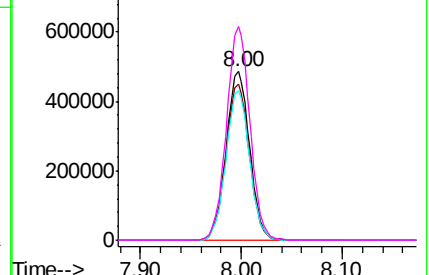
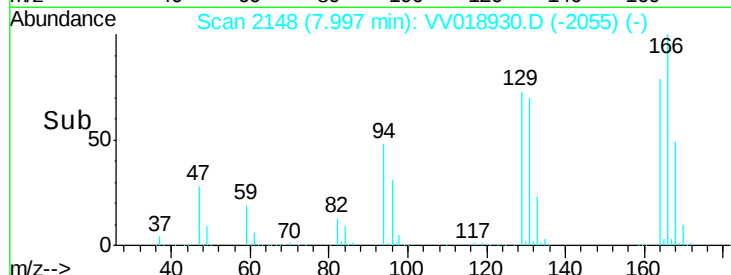


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.475 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018930.D

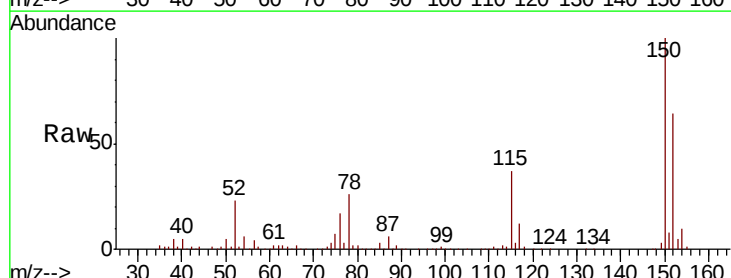
Acq: 15 Oct 2020 22:57

Tgt Ion: 75 Resp: 17136

Ion Ratio Lower Upper

75 100

77 40.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

