

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018888.D
 Acq On : 13 Oct 2020 19:48
 Operator : SY/MD
 Sample : L4351-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG9

Quant Time: Oct 14 01:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112219	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	96105	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.12%
11) 1,1-Dichloroethene-d2	2.12	63	170656	30.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	3.90	46	186422	103.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.37	84	224036	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.06	65	157801	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
32) Benzene-d6	5.07	84	437667	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
36) 1,2-Dichloropropane-d6	6.09	67	146623	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.52%
41) Toluene-d8	7.34	98	381936	41.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.78%
43) trans-1,3-Dichloropropene-	7.64	79	62466	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
47) 2-Hexanone-d5	8.11	63	101204	85.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175014	44.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	157116	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

Target Compounds

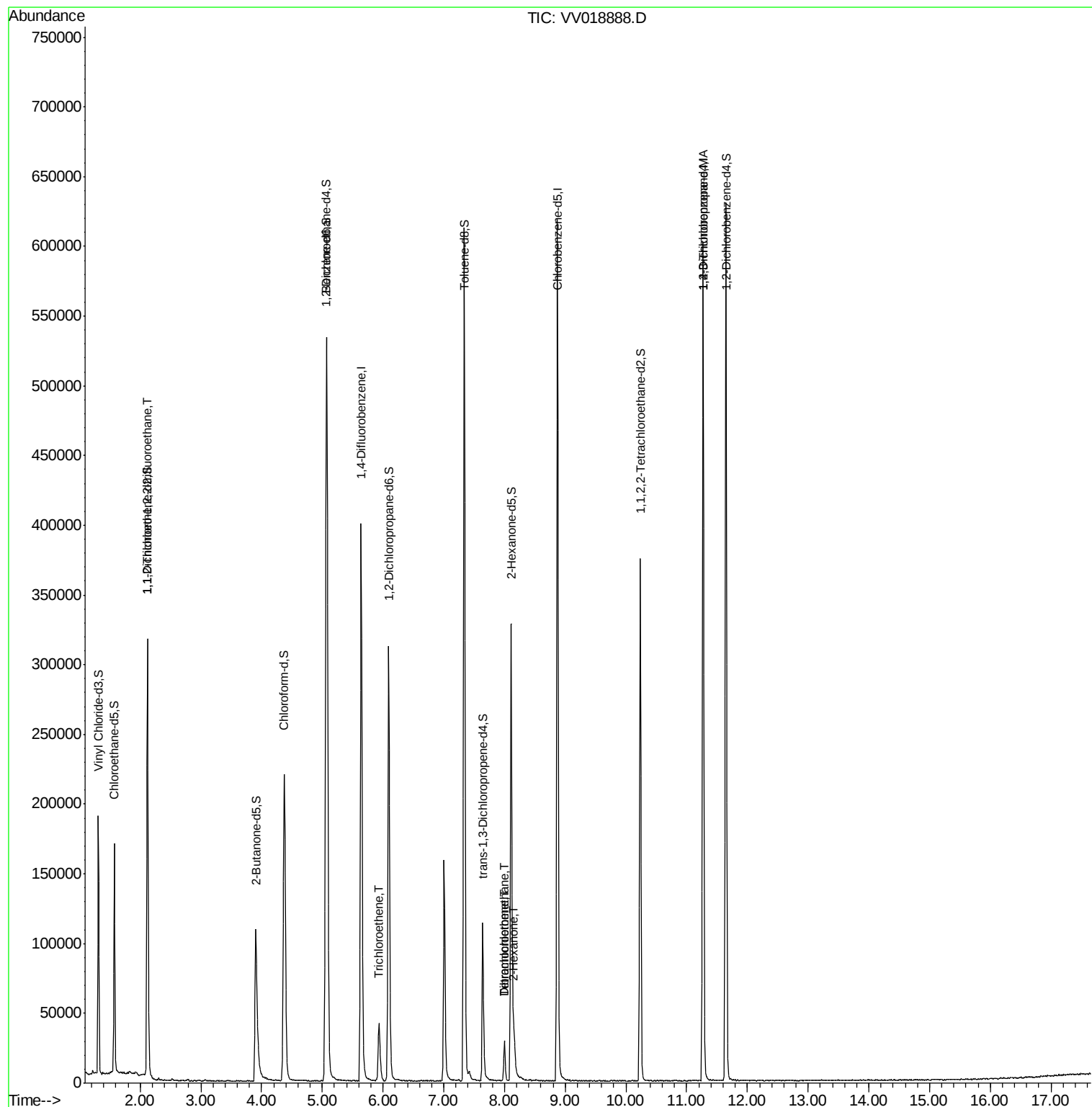
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1545	0.663 ug/L #	19
34) Trichloroethene	5.94	95	8019	2.719 ug/L	97
46) Tetrachloroethene	8.00	164	6620	3.063 ug/L	94
48) 2-Hexanone	8.16	43	14579	5.049 ug/L #	93
49) Dibromochloromethane	8.00	129	6260	2.266 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	18318	5.469 ug/L	90

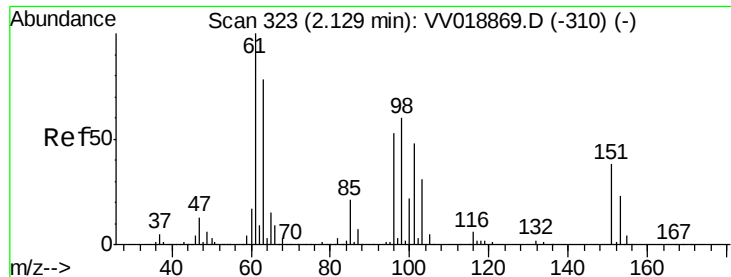
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018888.D

Acq: 13 Oct 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

C0AG9

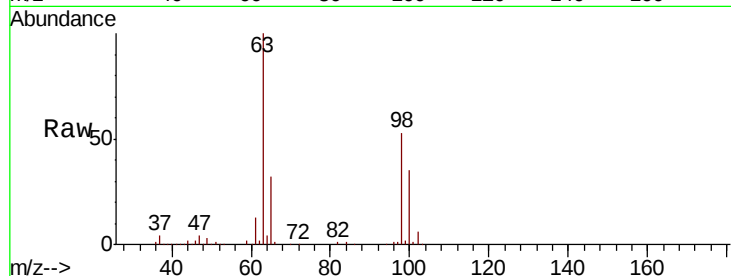
Tot Ion:101 Resp: 1545

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

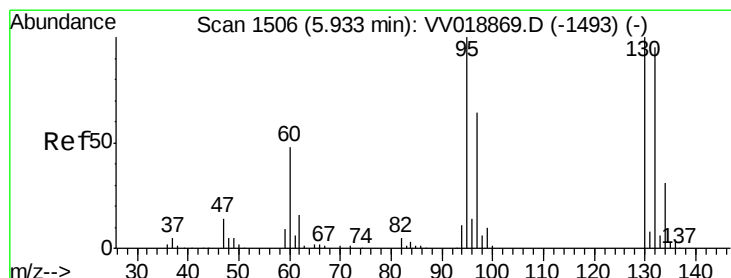
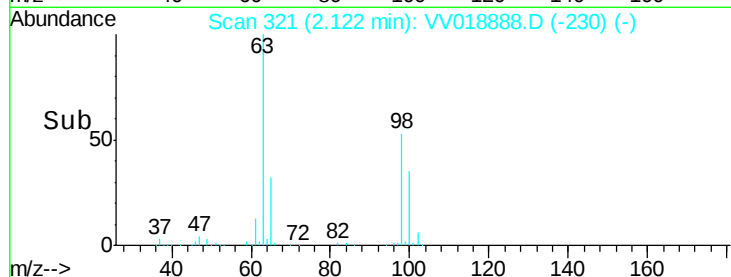
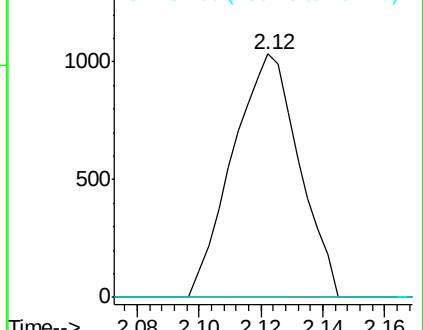
151 0.0 59.8 89.8#



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: 2.719 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018888.D

Acq: 13 Oct 2020 19:48

Tgt Ion: 95 Resp: 8019

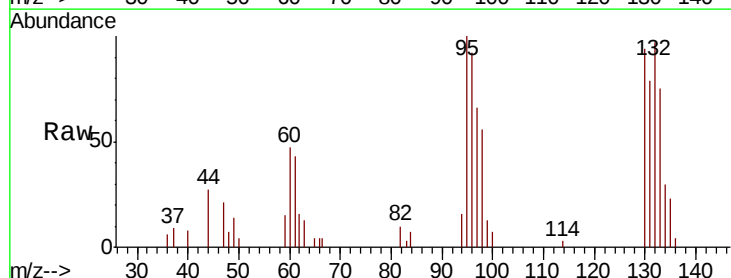
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 96.9 66.2 123.0

130 94.3 69.1 128.3

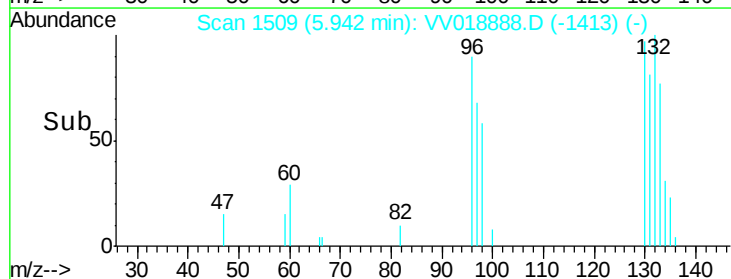
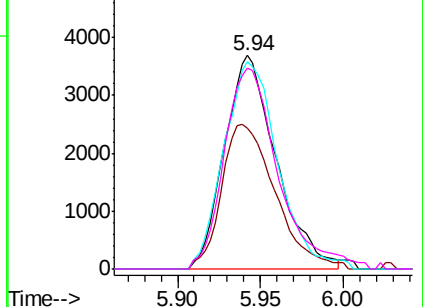


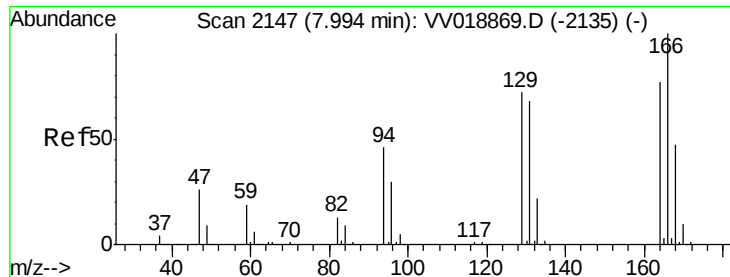
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#46

Tetrachloroethene

Concen: 3.063 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018888.D

Acq: 13 Oct 2020 19:48

Instrument :

MSVOA_V

ClientSampleId :

C0AG9

Tot Ion:164 Resp: 6620

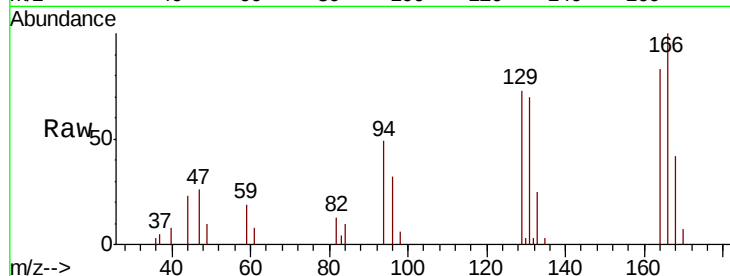
Ion Ratio Lower Upper

164 100

129 87.9 64.6 120.0

131 83.5 63.6 118.0

166 120.1 88.3 164.1

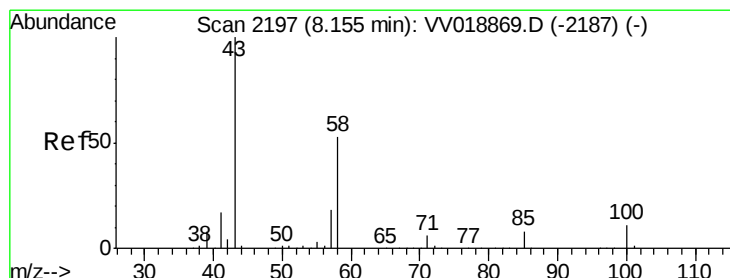
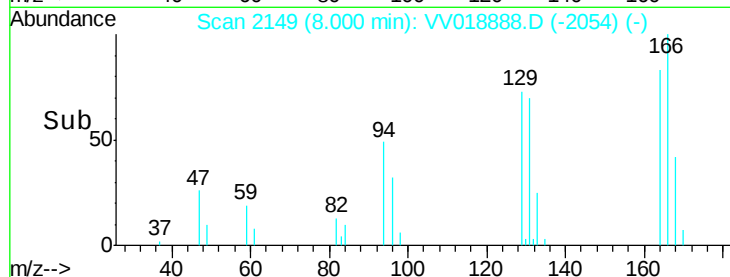
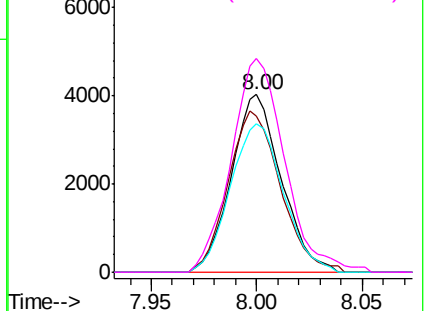


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.049 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018888.D

Acq: 13 Oct 2020 19:48

Tgt Ion: 43 Resp: 14579

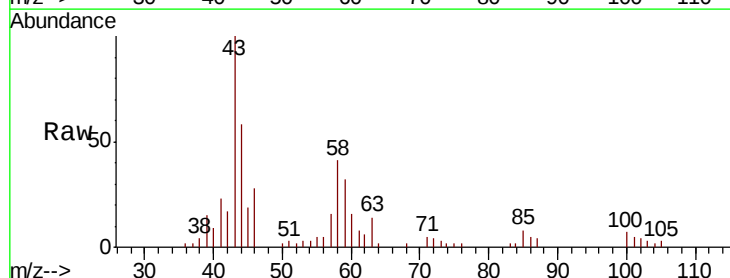
Ion Ratio Lower Upper

43 100

58 47.7 41.8 62.8

57 15.5 14.9 22.3

100 7.5 9.2 13.8#

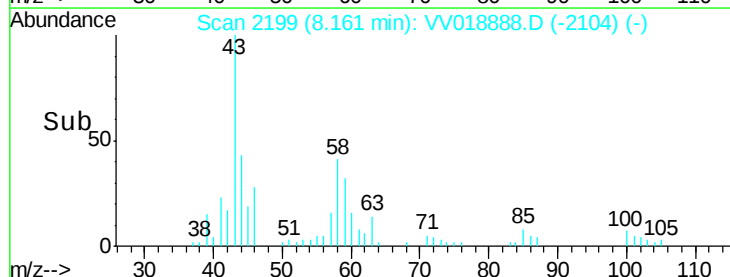
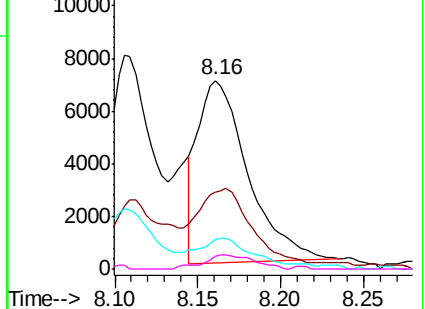


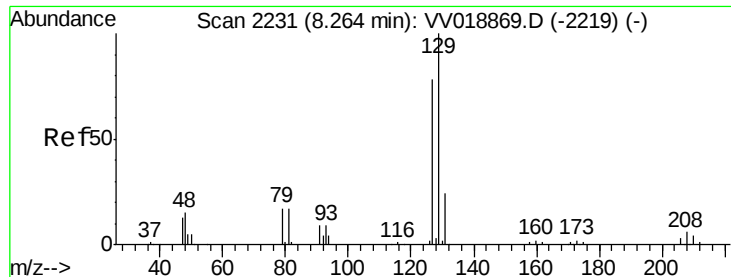
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.266 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018888.D

Acq: 13 Oct 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

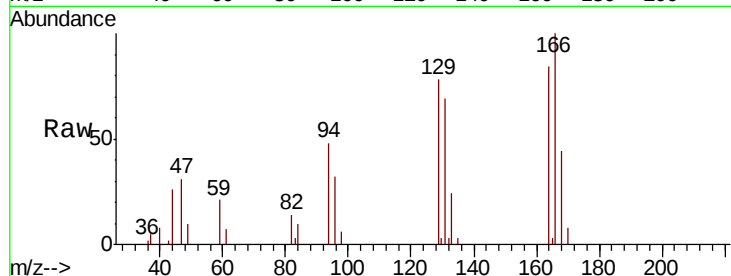
C0AG9

Tot Ion:129 Resp: 6260

Ion Ratio Lower Upper

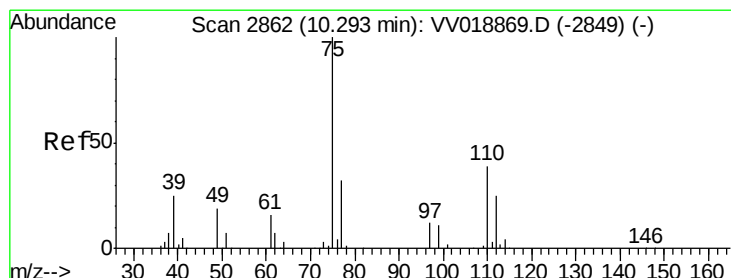
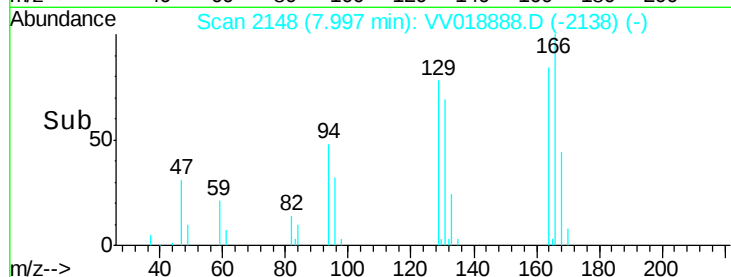
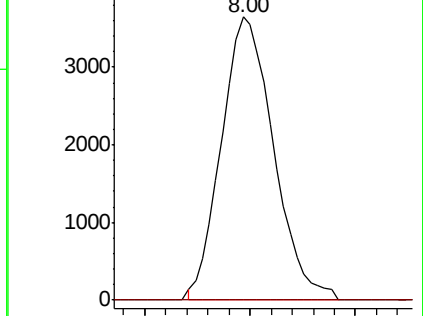
129 100

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: 5.469 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018888.D

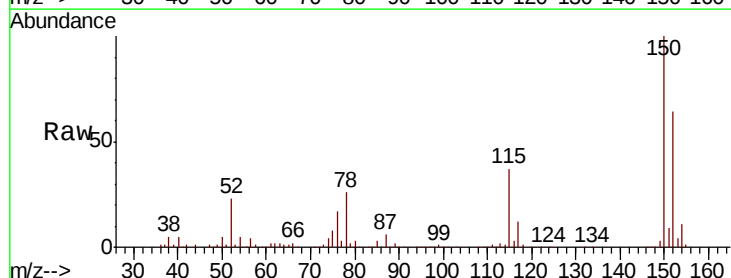
Acq: 13 Oct 2020 19:48

Tgt Ion: 75 Resp: 18318

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

