

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019469.D
 Acq On : 03 Dec 2020 20:31
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK80

Quant Time: Dec 04 08:05:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323377	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105097	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.08%
7) Chloroethane-d5	1.58	69	102535	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.02%
11) 1,1-Dichloroethene-d2	2.12	63	186013	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	3.89	46	206041	104.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.67%
24) Chloroform-d	4.37	84	252087	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.05	65	180496	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.07	84	479722	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.09	67	167298	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.44%
41) Toluene-d8	7.33	98	401666	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.64	79	72537	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.10	63	99603	77.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.40%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	186276	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.64	152	149958	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

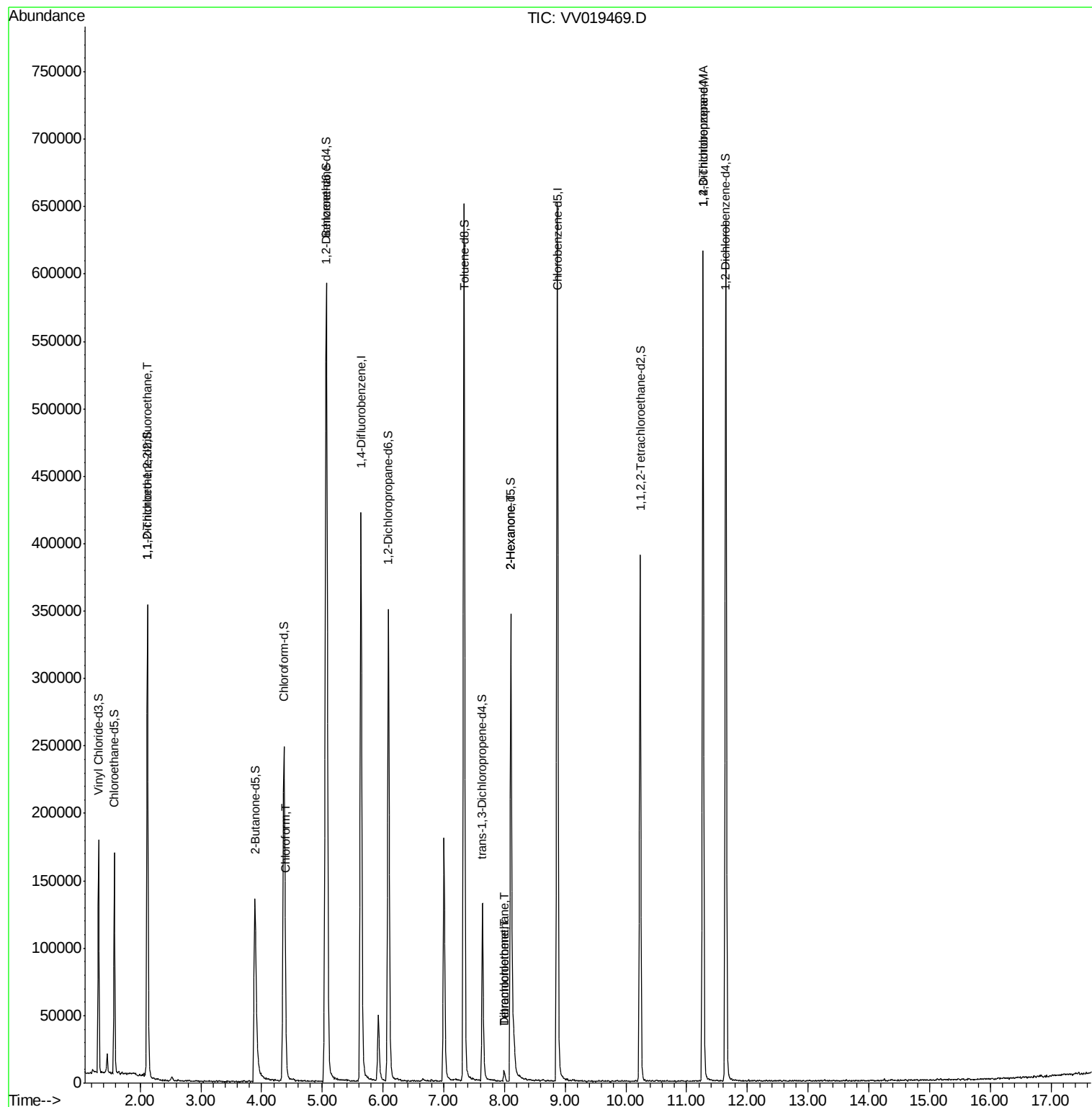
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1663	0.733 ug/L #	24
25) Chloroform	4.40	83	4348	0.898 ug/L	76
46) Tetrachloroethene	7.99	164	1629	0.847 ug/L	97
48) 2-Hexanone	8.10	43	14276	4.664 ug/L #	76
49) Dibromochloromethane	7.99	129	1683	0.593 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	20623	5.729 ug/L	98

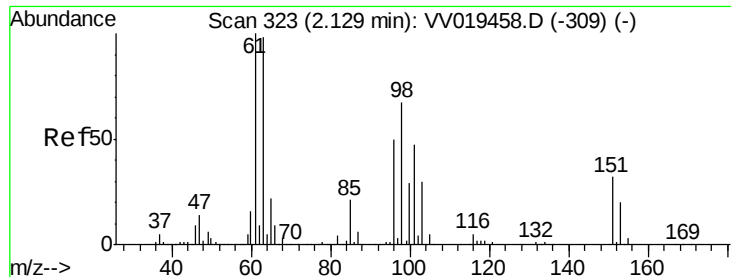
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019469.D

Acq: 03 Dec 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :

VIBLK80

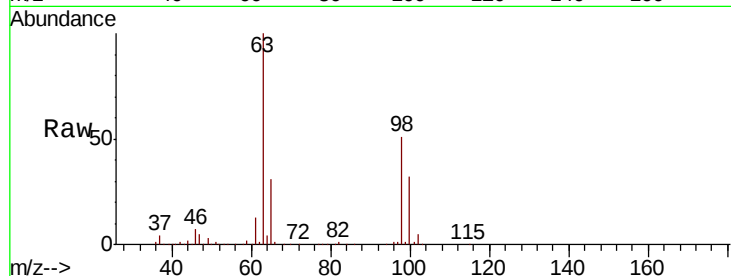
Tot Ion:101 Resp: 1663

Ion Ratio Lower Upper

101 100

85 7.2 35.5 53.3#

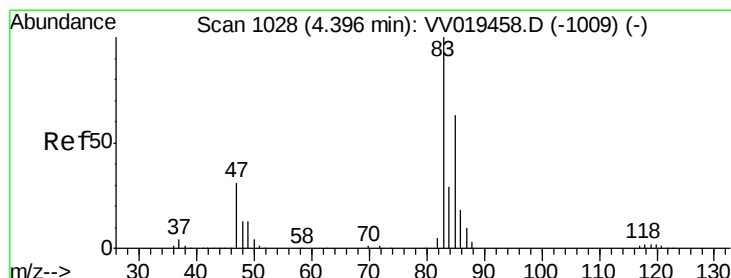
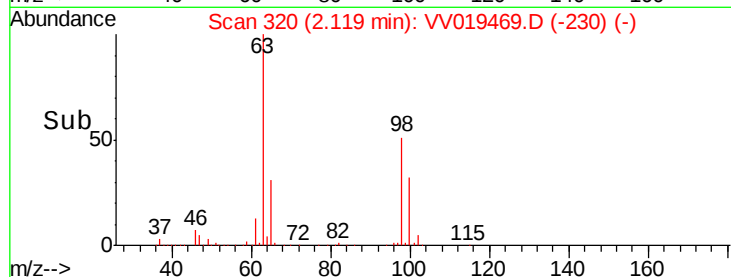
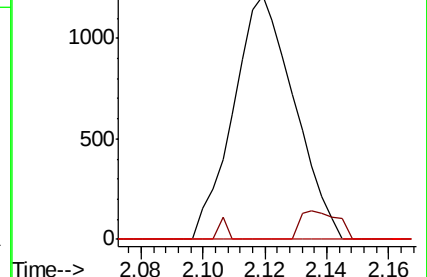
151 0.0 58.9 88.3#



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



#25

Chloroform

Concen: 0.898 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV019469.D

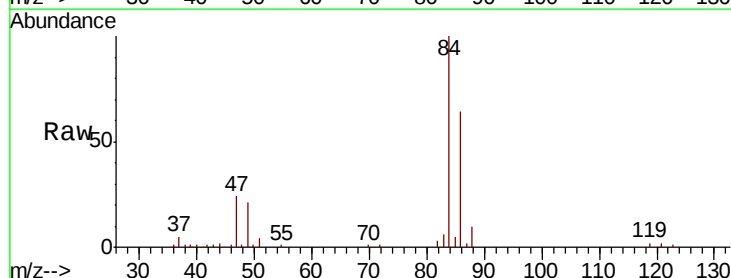
Acq: 03 Dec 2020 20:31

Tgt Ion: 83 Resp: 4348

Ion Ratio Lower Upper

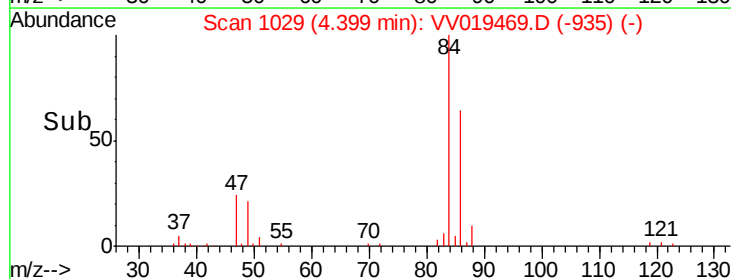
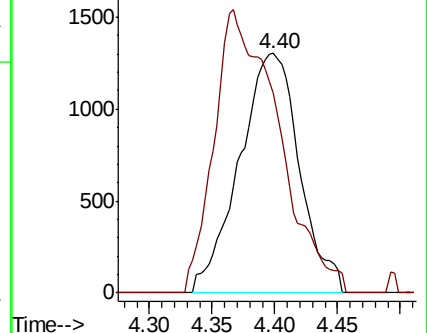
83 100

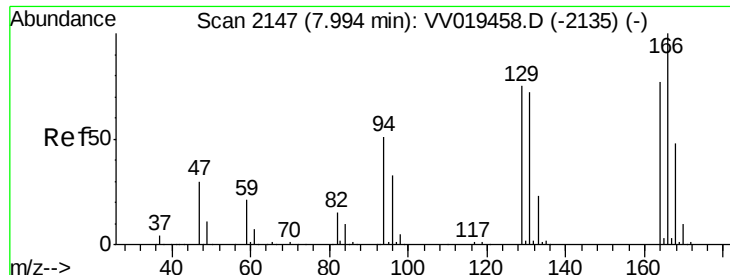
85 83.7 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 0.847 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019469.D

Acq: 03 Dec 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :

VIBLK80

Tot Ion:164 Resp: 1629

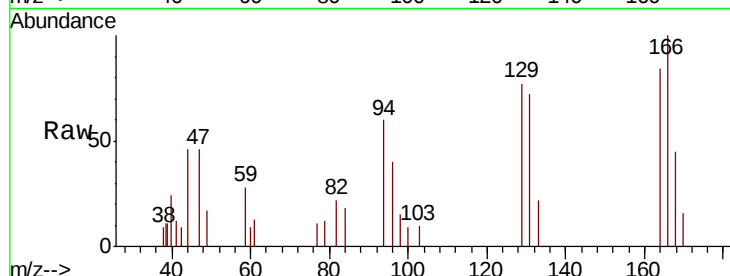
Ion Ratio Lower Upper

164 100

129 90.8 62.9 116.7

131 85.2 61.1 113.5

166 118.6 86.5 160.6

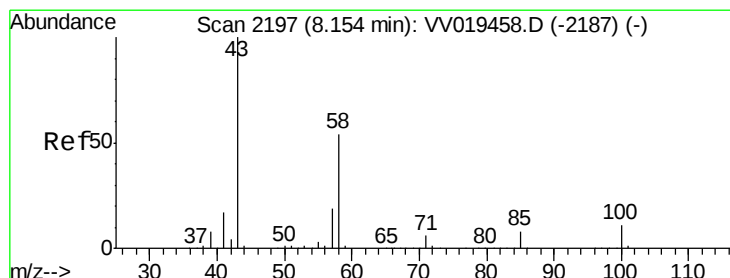
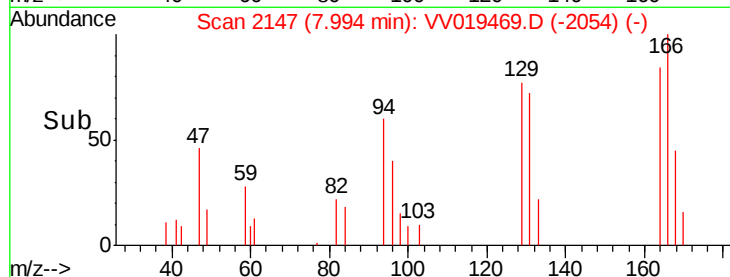
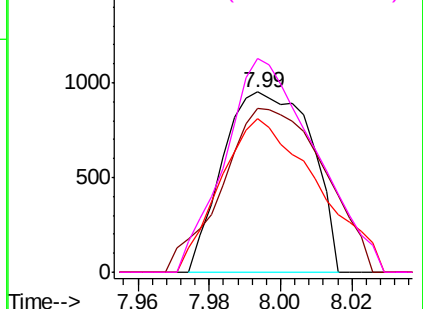


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.664 ug/L

RT: 8.10 min Scan# 2181

Delta R.T. -0.05 min

Lab File: VV019469.D

Acq: 03 Dec 2020 20:31

Tgt Ion: 43 Resp: 14276

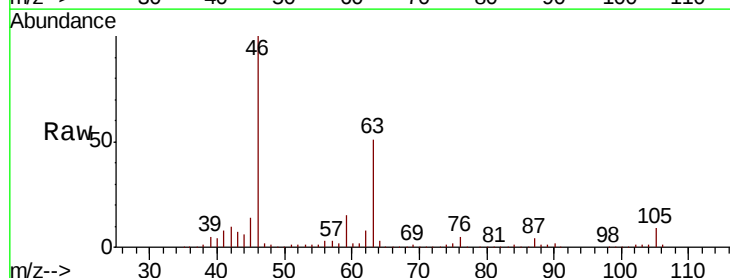
Ion Ratio Lower Upper

43 100

58 40.4 43.8 65.6#

57 36.0 15.4 23.2#

100 3.2 9.0 13.6#

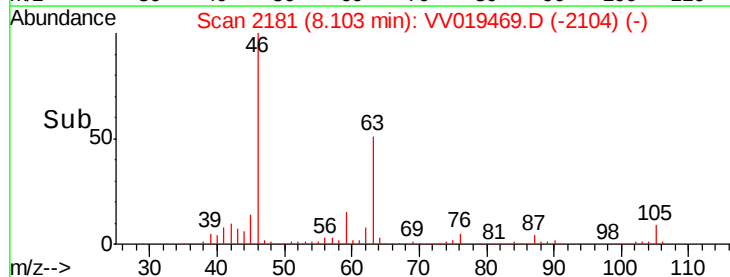
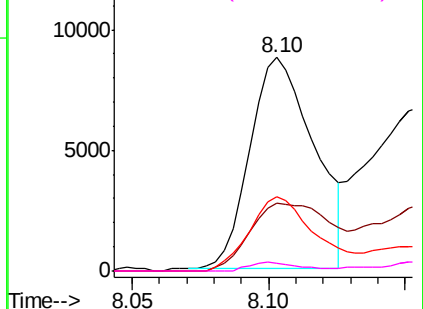


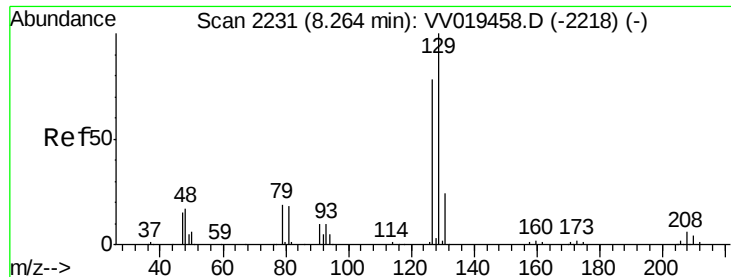
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.593 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV019469.D

Acq: 03 Dec 2020 20:31

Instrument :

MSVOA_V

ClientSampleId :

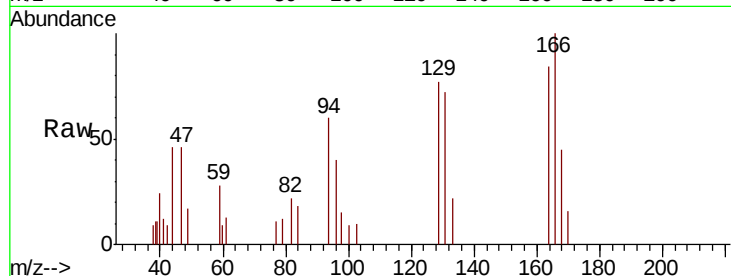
VIBLK80

Tot Ion:129 Resp: 1683

Ion Ratio Lower Upper

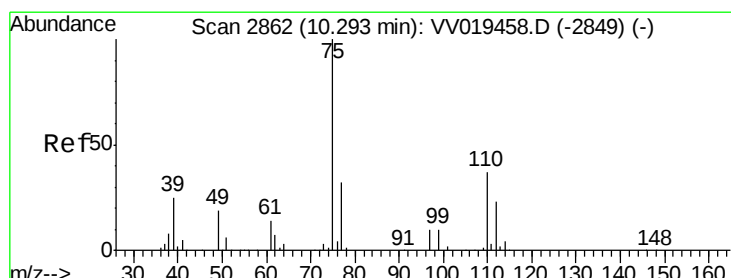
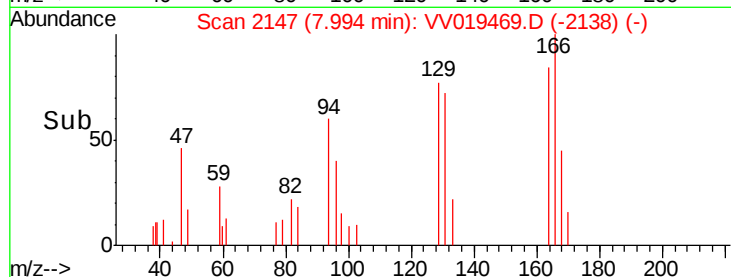
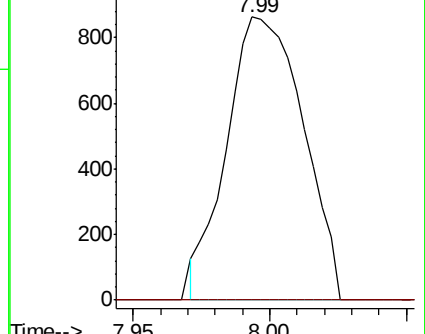
129 100

127 0.0 53.5 99.5#



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: 5.729 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019469.D

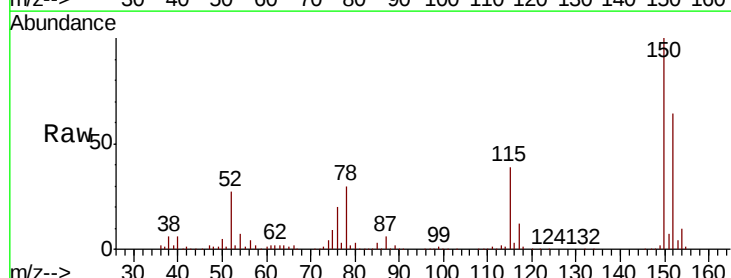
Acq: 03 Dec 2020 20:31

Tgt Ion: 75 Resp: 20623

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

