

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019118.D
 Acq On : 26 Oct 2020 14:45
 Operator : SY/MD
 Sample : L4502-04 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG452

Quant Time: Oct 27 07:44:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270784	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92141	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.92%
7) Chloroethane-d5	1.58	69	78093	39.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.88%
11) 1,1-Dichloroethene-d2	2.12	63	151757	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.88%
21) 2-Butanone-d5	3.91	46	137870	83.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.33%
24) Chloroform-d	4.38	84	188326	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.06	65	132619	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.07	84	355747	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
36) 1,2-Dichloropropane-d6	6.09	67	113015	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.08%
41) Toluene-d8	7.34	98	317005	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	7.64	79	57759	42.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.86%
47) 2-Hexanone-d5	8.11	63	102330	88.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147773	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	131595	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

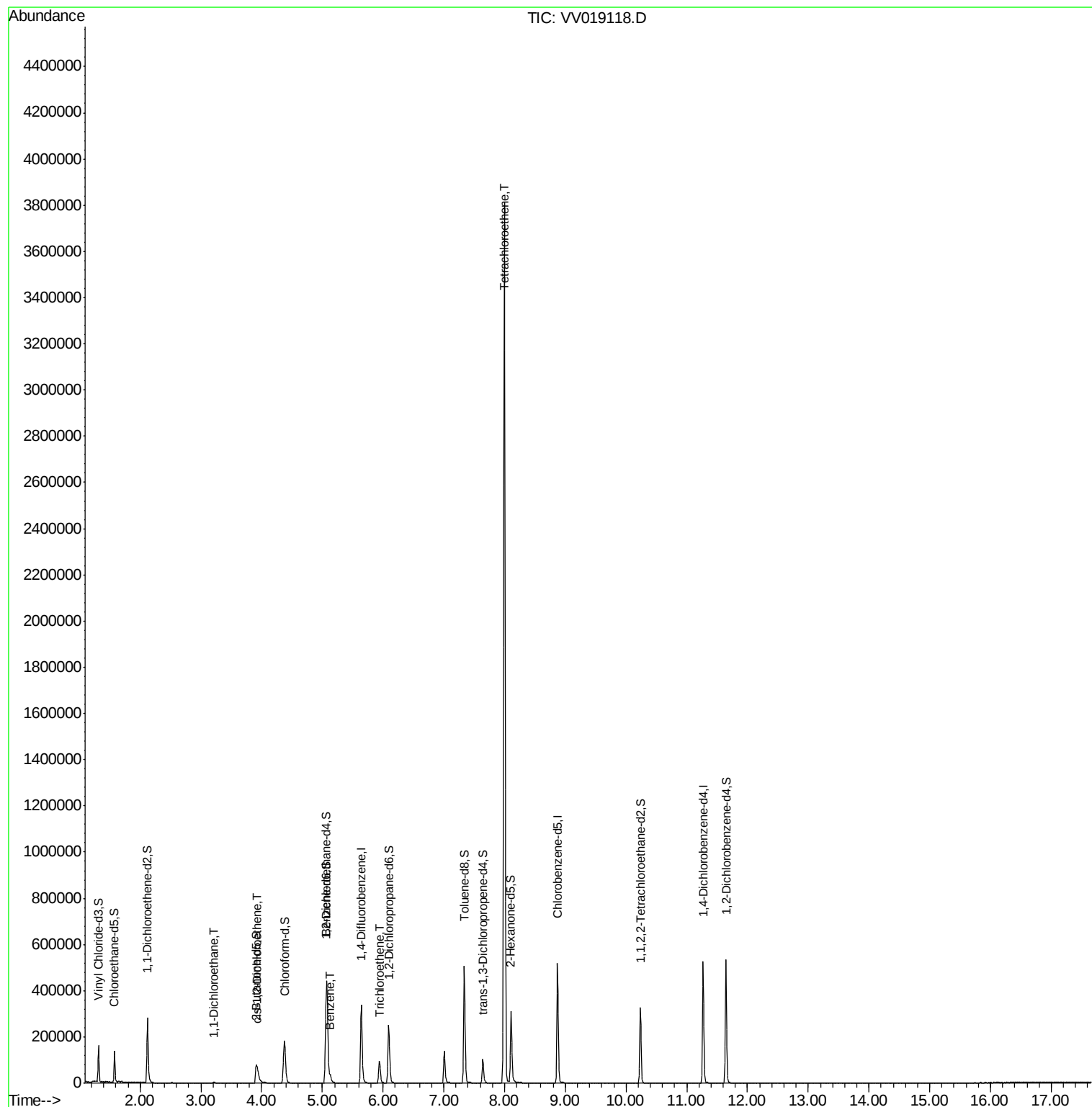
					Ovalue
19) 1,1-Dichloroethane	3.21	63	2937	0.761 ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	7479	3.660 ug/L	98
33) Benzene	5.13	78	29653	3.613 ug/L	100
34) Trichloroethene	5.94	95	32599	15.718 ug/L	96
46) Tetrachloroethene	8.00	164	815748	512.551 ug/L	98

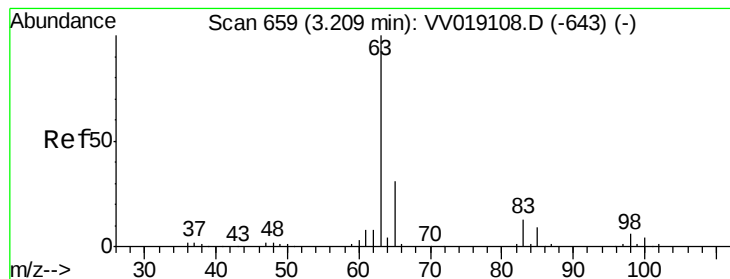
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.761 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV019118.D

Acq: 26 Oct 2020 14:45

Instrument :

MSVOA_V

ClientSampleId :

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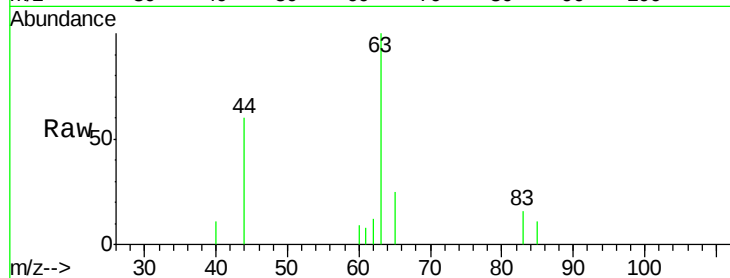
Tot Ion: 63 Resp: 2937

Ion Ratio Lower Upper

63 100

65 24.9 22.7 42.1

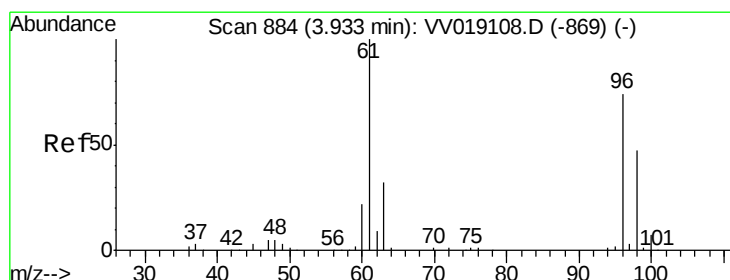
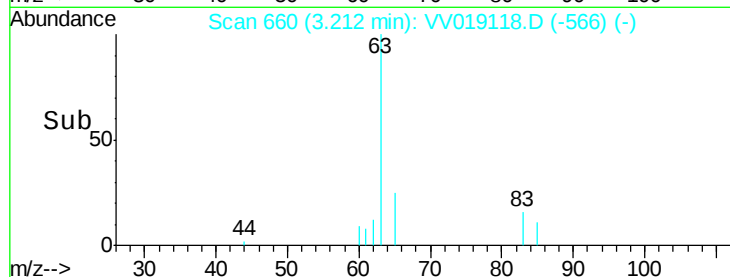
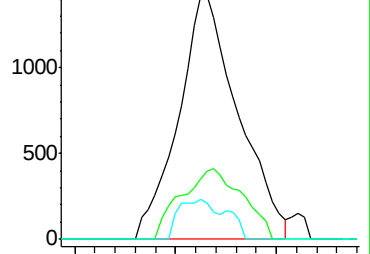
83 16.5 9.0 16.8



Abundance Ion 63.00 (62.70 to 63.70): VV019118.D (-643) (-)

Ion 65.00 (64.70 to 65.70): VV019118.D (-643) (-)

Ion 83.00 (82.70 to 83.70): VV019118.D (-643) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.660 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV019118.D

Acq: 26 Oct 2020 14:45

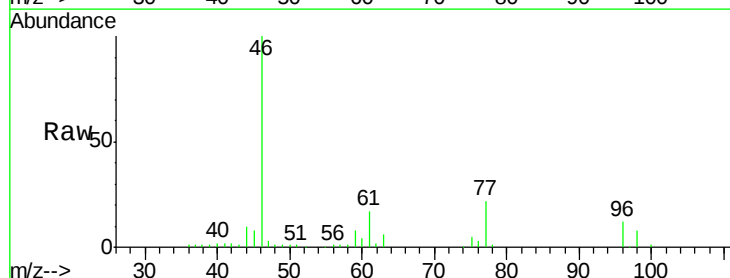
Tgt Ion: 96 Resp: 7479

Ion Ratio Lower Upper

96 100

61 140.0 99.4 184.6

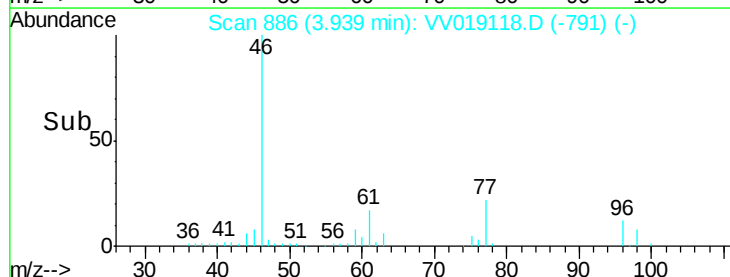
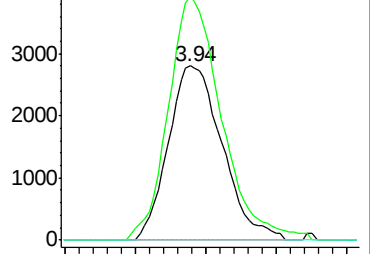
68 0.0 0.0 0.0

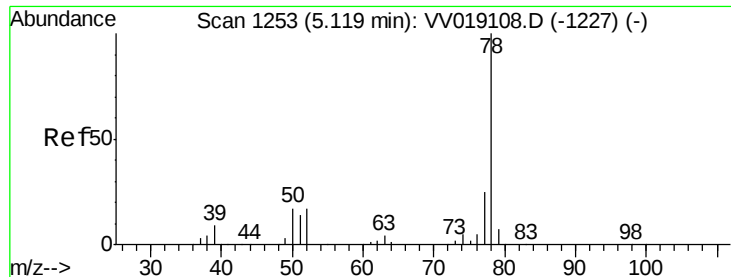


Abundance Ion 96.00 (95.70 to 96.70): VV019118.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV019118.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV019118.D (-791) (-)





#33

Benzene

Concen: 3.613 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV019118.D

Acq: 26 Oct 2020 14:45

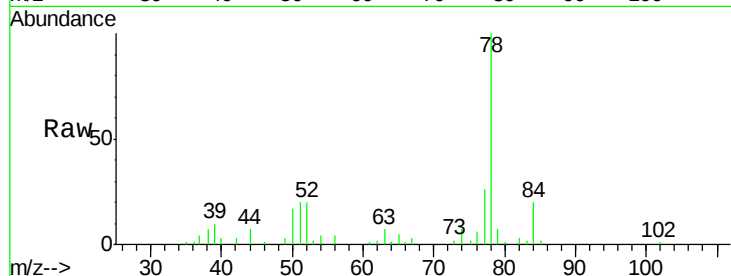
Instrument :

MSVOA_V

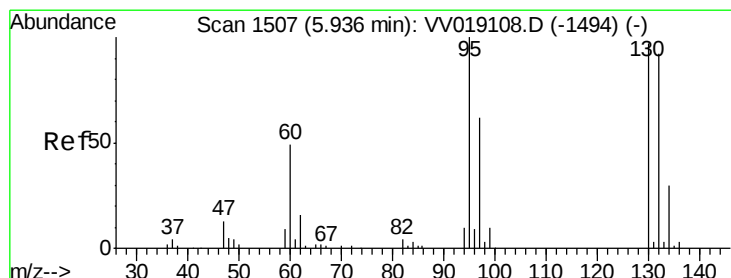
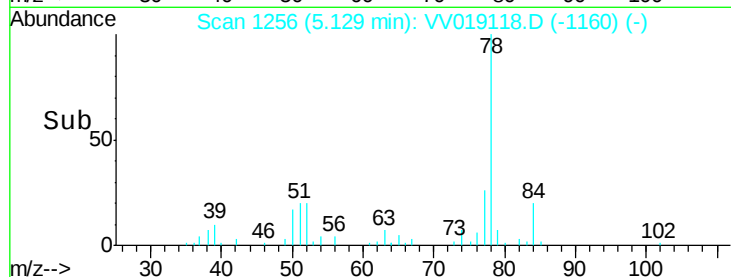
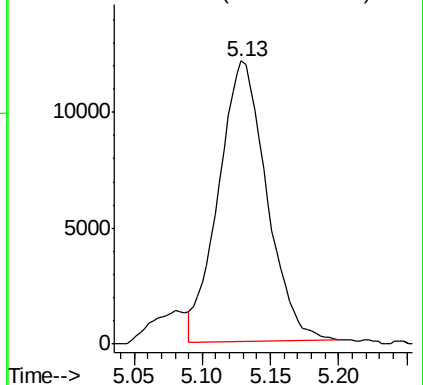
ClientSampleId :

BG452

Tgt Ion: 78 Resp: 29653



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 15.718 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV019118.D

Acq: 26 Oct 2020 14:45

Tgt Ion: 95 Resp: 32599

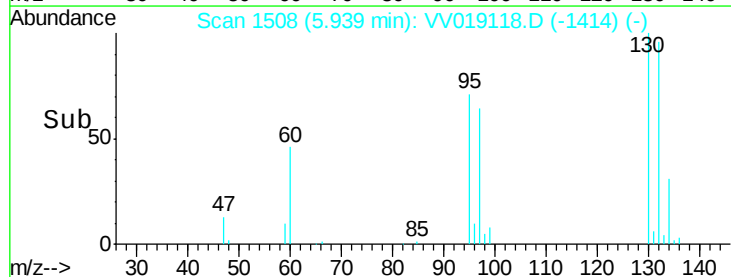
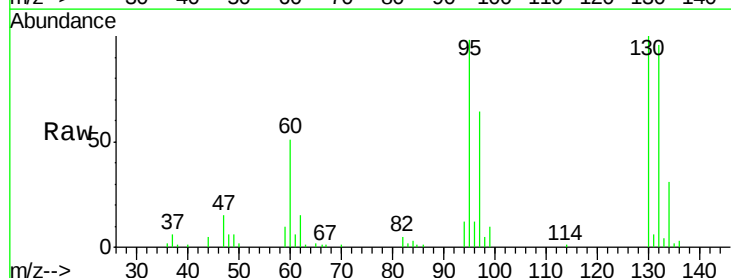
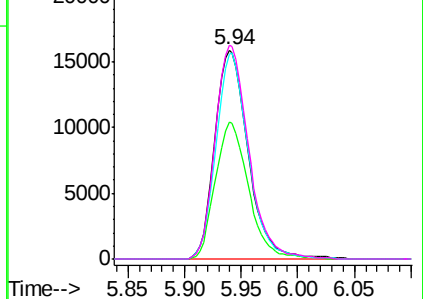
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.6	82.8
132	97.8	66.0	122.6
130	102.1	67.6	125.6

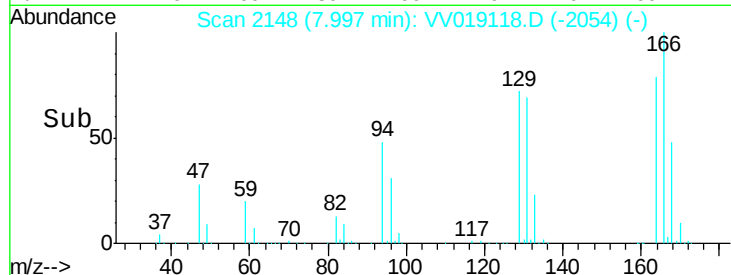
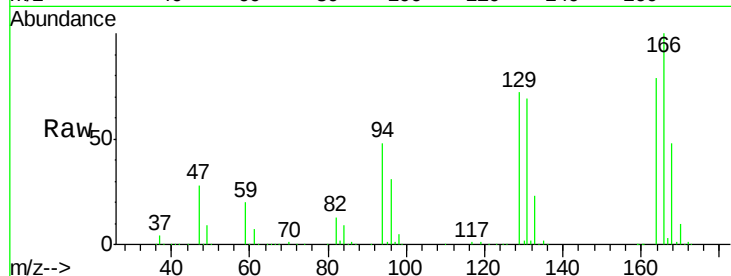
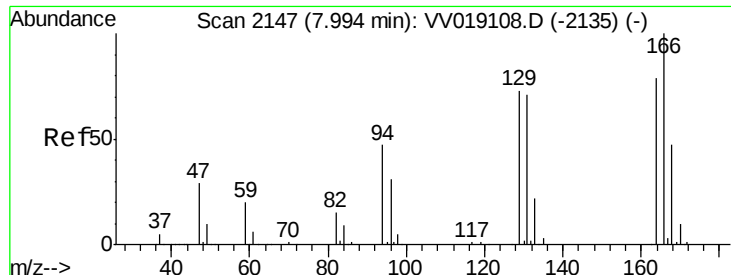
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 512.551 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019118.D

Acq: 26 Oct 2020 14:45

Instrument :
MSVOA_V
ClientSampleId :
BG452

Tot Ion:164 Resp: 815748

Ion Ratio Lower Upper

164 100

129 90.8 65.5 121.6

131 88.0 62.4 115.8

166 126.6 90.0 167.2

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

