

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017112.D
 Acq On : 25 Jun 2020 08:17
 Operator : SY/MD
 Sample : L3102-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L65

Quant Time: Jun 25 11:49:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 11:33:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	177641	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174451	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35314	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.58	69	30796	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.13	63	60299	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.93	46	115654	42.56	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.12%
24) Chloroform-d	4.38	84	98450	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.06	65	52722	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.08	84	184879	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.10	67	56014	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	163923	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
45) trans-1,3-Dichloropropene-	7.64	79	21398	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	87070	40.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41110	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	66740	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

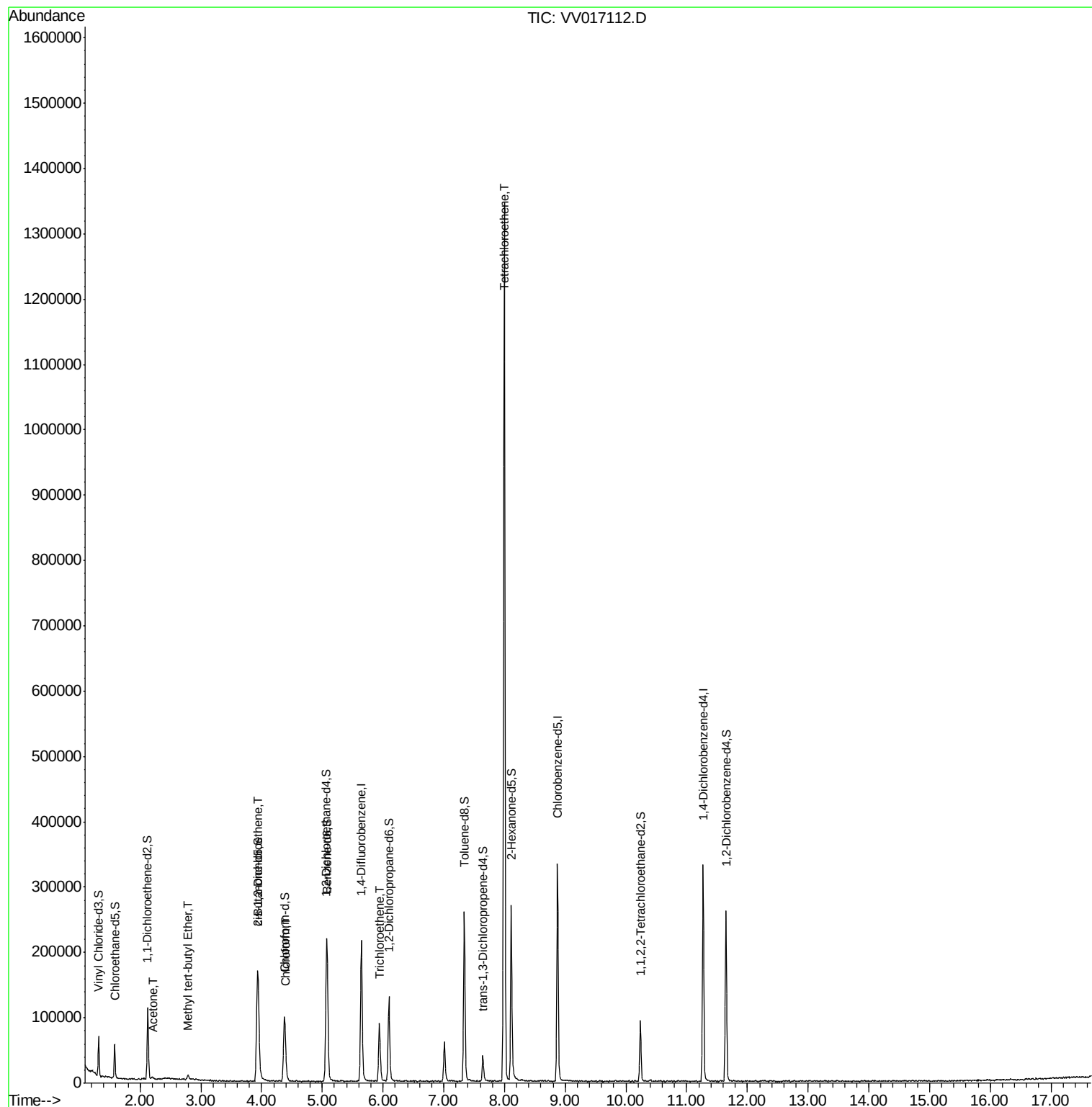
					Ovalue
13) Acetone	2.21	43	4001	2.913	ug/L 76
17) Methyl tert-butyl Ether	2.79	73	5782	0.270	ug/L # 84
22) cis-1,2-Dichloroethene	3.94	96	65680	5.316	ug/L 99
25) Chloroform	4.40	83	6045m	0.273	ug/L
34) Trichloroethene	5.94	95	30929	2.312	ug/L 96
49) Tetrachloroethene	8.00	164	288220	26.768	ug/L 99

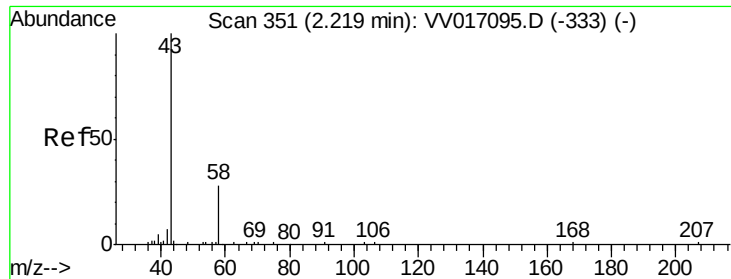
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.913 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV017112.D

Acq: 25 Jun 2020 08:17

Instrument :

MSVOA_V

ClientSampleId :

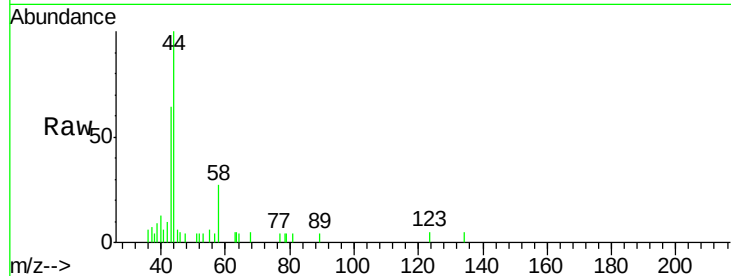
F9L65

Tot Ion: 43 Resp: 4001

Ion Ratio Lower Upper

43 100

58 41.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

1500

1000

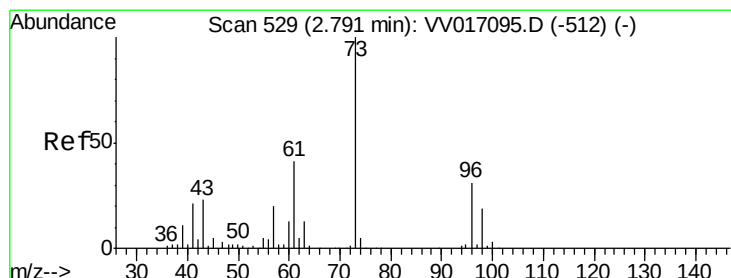
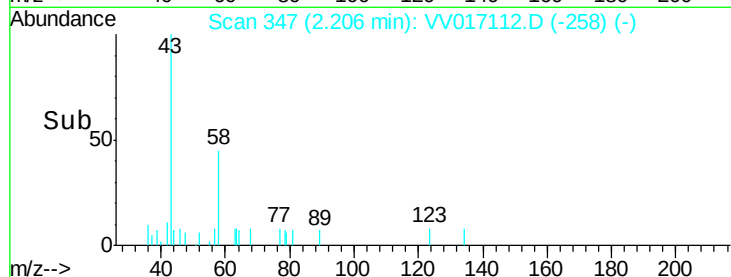
500

200

0

2.15 2.20 2.25

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.270 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017112.D

Acq: 25 Jun 2020 08:17

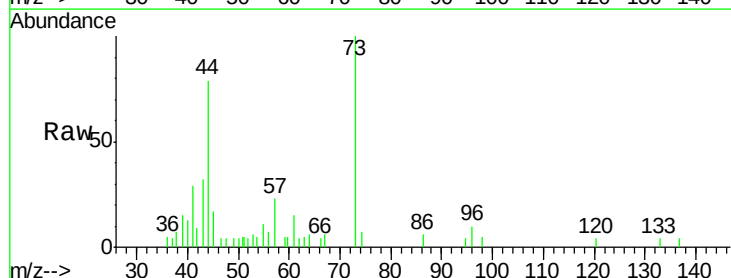
Tgt Ion: 73 Resp: 5782

Ion Ratio Lower Upper

73 100

43 30.8 18.6 28.0#

57 27.8 16.4 24.6#



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

2.79

3000

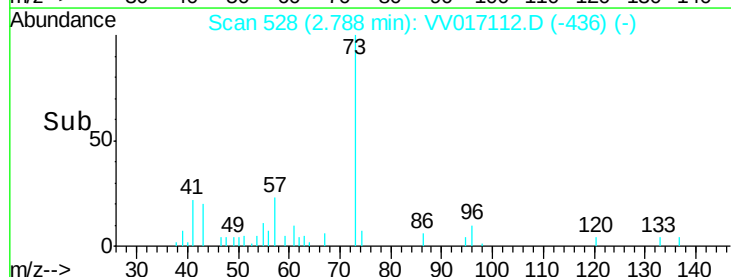
2000

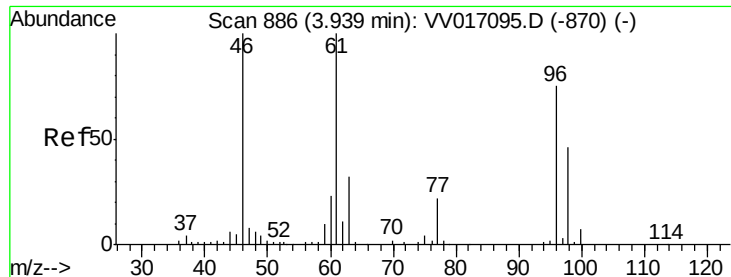
1000

0

2.70 2.75 2.80 2.85 2.90

Time-->



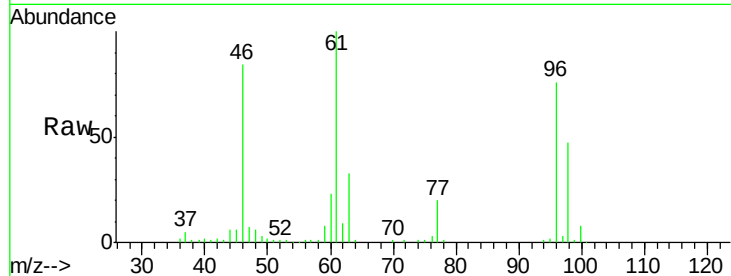


#22

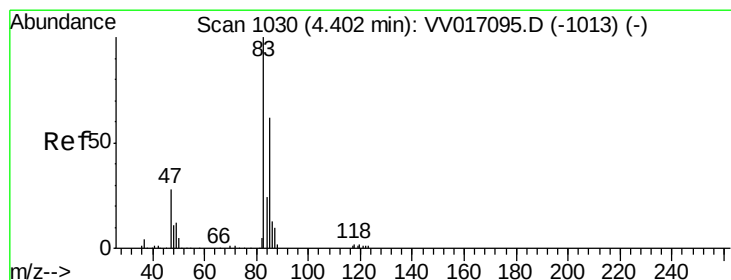
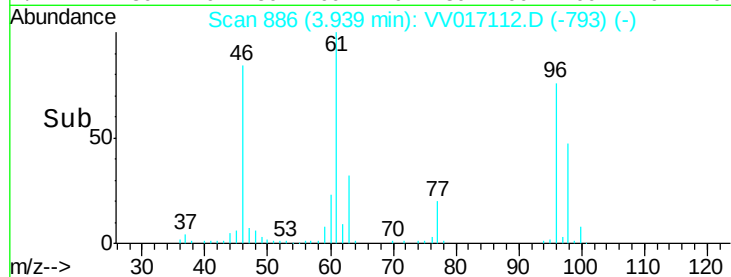
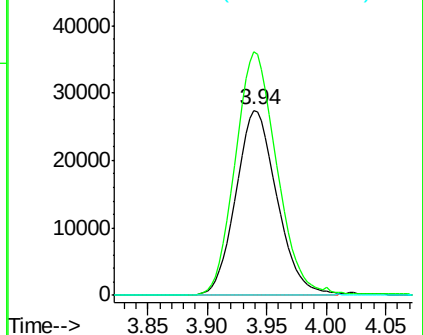
cis-1,2-Dichloroethene
Concen: 5.316 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017112.D
Acq: 25 Jun 2020 08:17

Instrument :
MSVOA_V
ClientSampleId :
F9L65

Tot Ion: 96 Resp: 65680
Ion Ratio Lower Upper
96 100
61 131.6 91.0 169.0
68 0.0 0.0 0.0



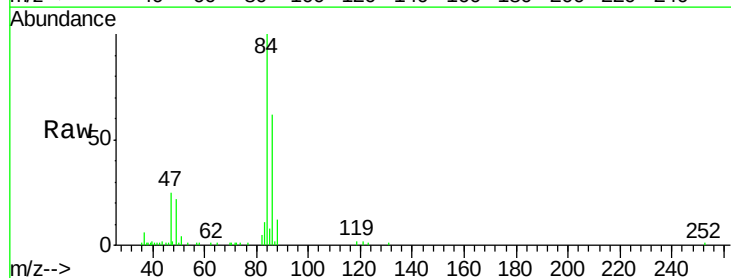
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



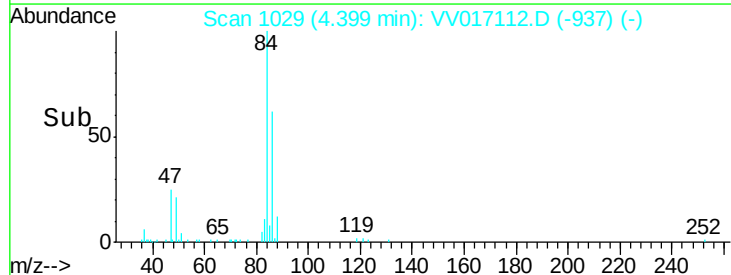
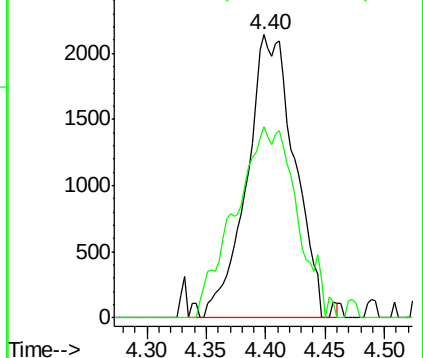
#25

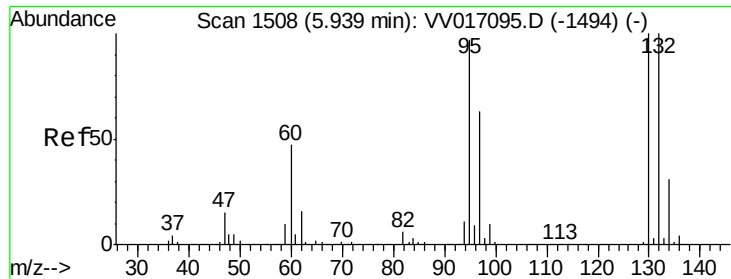
Chloroform
Concen: 0.273 ug/L m
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017112.D
Acq: 25 Jun 2020 08:17

Tgt Ion: 83 Resp: 6045
Ion Ratio Lower Upper
83 100
85 67.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 2.312 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017112.D

Acq: 25 Jun 2020 08:17

Instrument :

MSVOA_V

ClientSampled :

F9L65

Tot Ion: 95 Resp: 30929

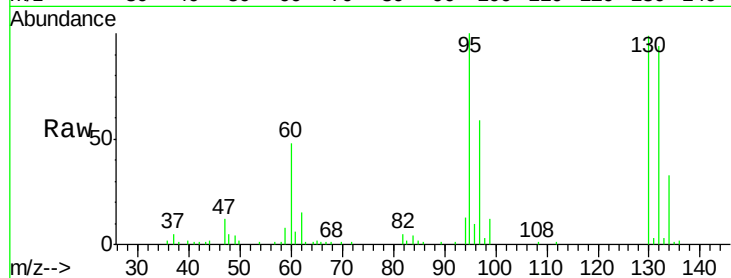
Ion Ratio Lower Upper

95 100

97 58.6 45.3 84.1

132 94.0 68.8 127.8

130 98.8 70.2 130.4

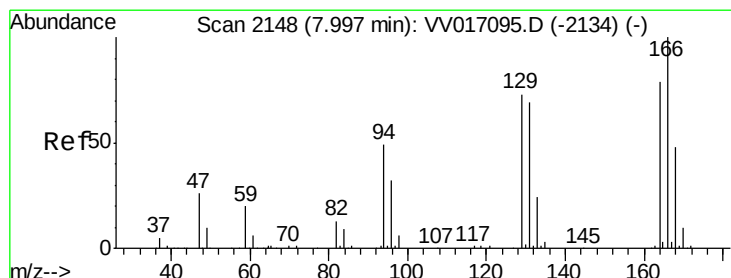
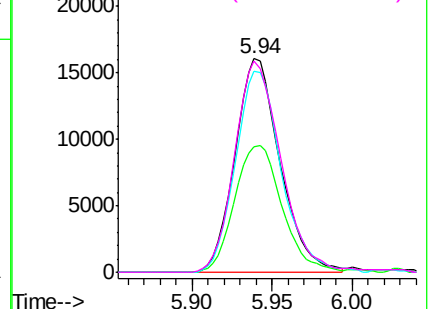
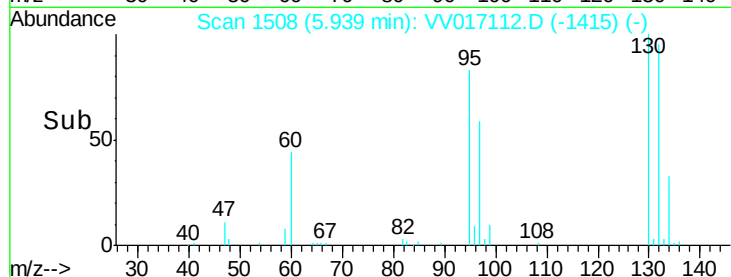


Abundance Ion 95.00 (94.70 to 95.70): VV017112.D (-1415) (-)

Ion 96.95 (96.65 to 97.65): VV017112.D (-1415) (-)

Ion 131.95 (131.65 to 132.65): VV017112.D (-1415) (-)

Ion 129.95 (129.65 to 130.65): VV017112.D (-1415) (-)



#49

Tetrachloroethene

Concen: 26.768 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017112.D

Acq: 25 Jun 2020 08:17

Tgt Ion: 164 Resp: 288220

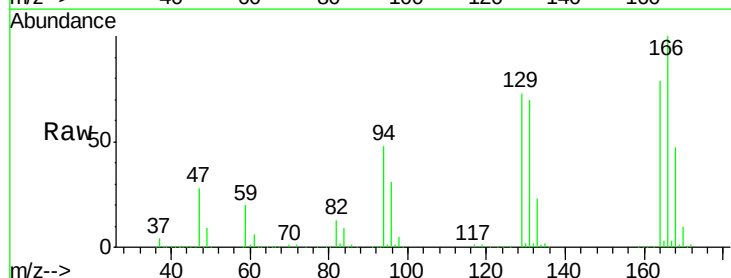
Ion Ratio Lower Upper

164 100

129 92.9 65.2 121.0

131 88.8 64.1 119.1

166 127.3 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): VV017112.D (-2055) (-)

Ion 128.95 (128.65 to 129.65): VV017112.D (-2055) (-)

Ion 130.95 (130.65 to 131.65): VV017112.D (-2055) (-)

Ion 165.90 (165.60 to 166.60): VV017112.D (-2055) (-)

