

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017464.D
 Acq On : 13 Jul 2020 12:53
 Operator : SY/MD
 Sample : L3270-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A34

Quant Time: Jul 14 05:56:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282789	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76119	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	55603	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.54%
11) 1,1-Dichloroethene-d2	2.12	63	122898	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	3.91	46	92966	92.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.45%
24) Chloroform-d	4.38	84	157057	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.06	65	117545	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.08	84	288672	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.10	67	81725	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.34	98	273689	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%
43) trans-1,3-Dichloropropene-	7.64	79	47730	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
47) 2-Hexanone-d5	8.11	63	61607	91.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104538	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	114899	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%

Target Compounds

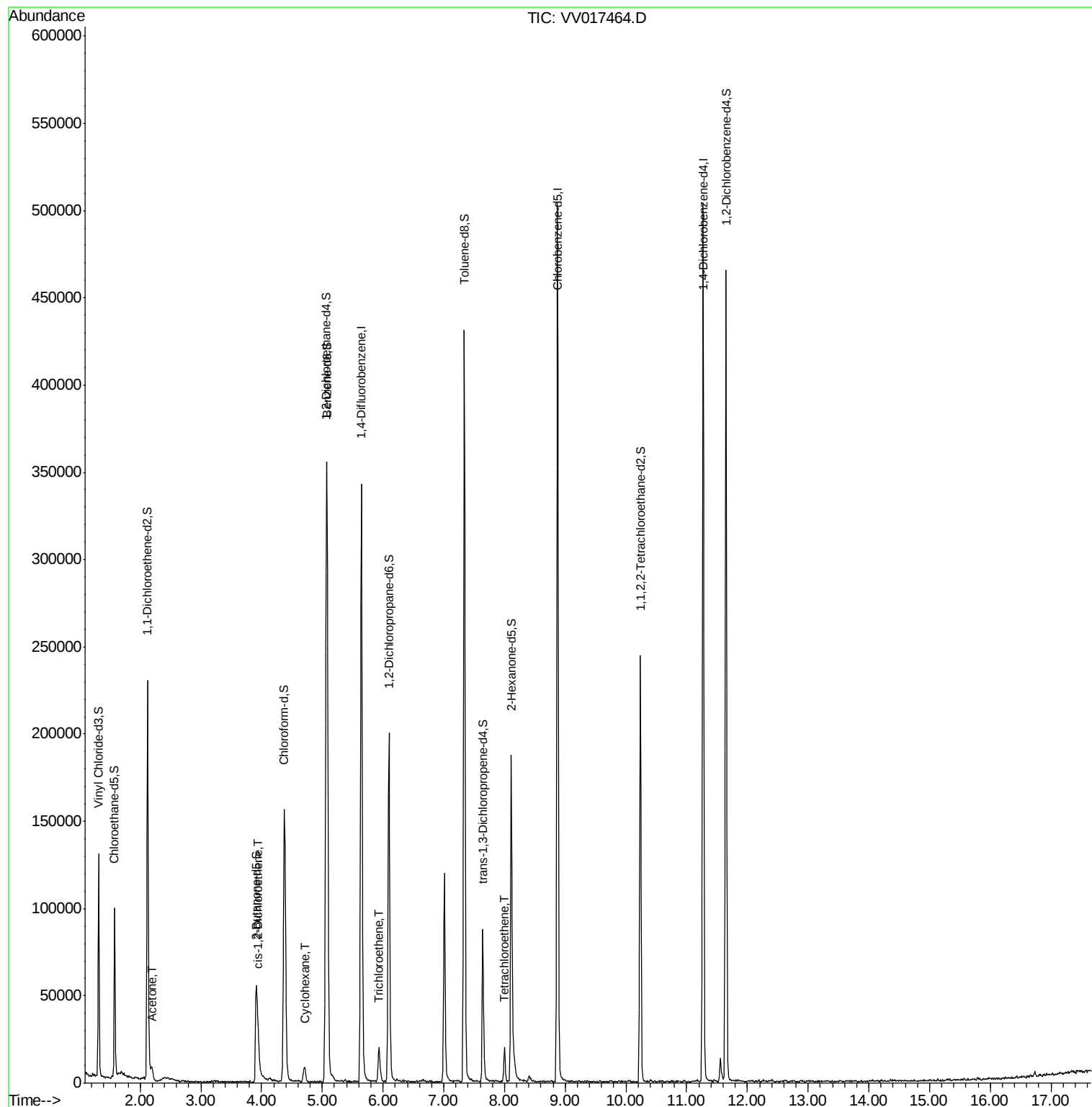
					Ovalue
13) Acetone	2.19	43	10248	7.487 ug/L	99
20) cis-1,2-Dichloroethene	3.95	96	5281	2.668 ug/L	94
29) Cyclohexane	4.71	56	4246	1.538 ug/L #	91
34) Trichloroethene	5.95	95	1919	0.923 ug/L	86
46) Tetrachloroethene	8.00	164	4112	2.357 ug/L	92

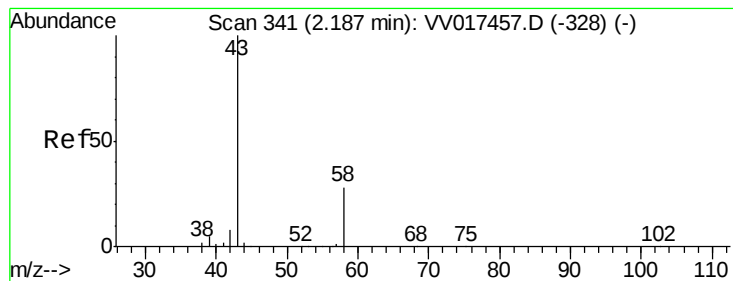
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.487 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017464.D

Acq: 13 Jul 2020 12:53

Instrument :

MSVOA_V

ClientSampled :

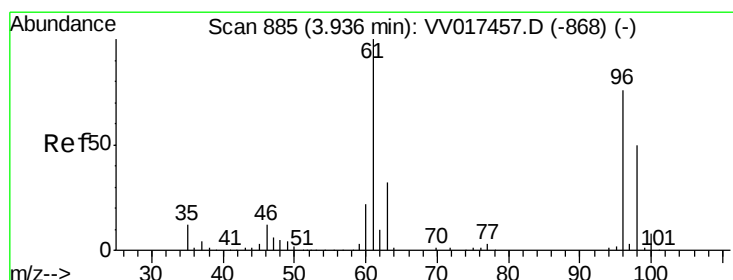
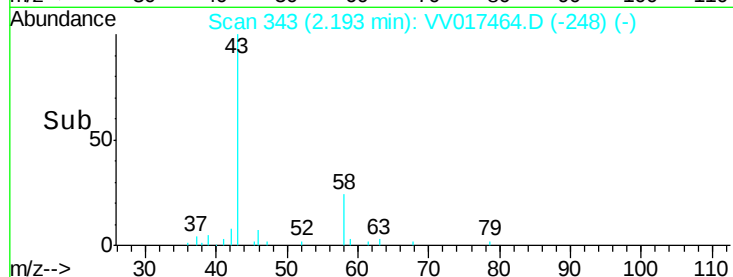
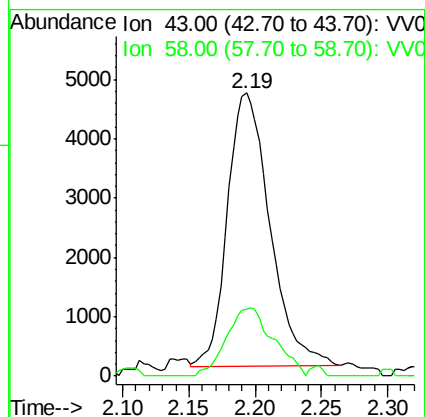
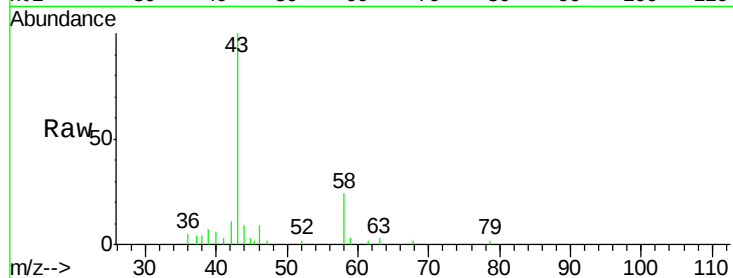
F4A34

Tot Ion: 43 Resp: 10248

Ion Ratio Lower Upper

43 100

58 27.6 0.0 56.0



#20

cis-1,2-Dichloroethene

Concen: 2.668 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017464.D

Acq: 13 Jul 2020 12:53

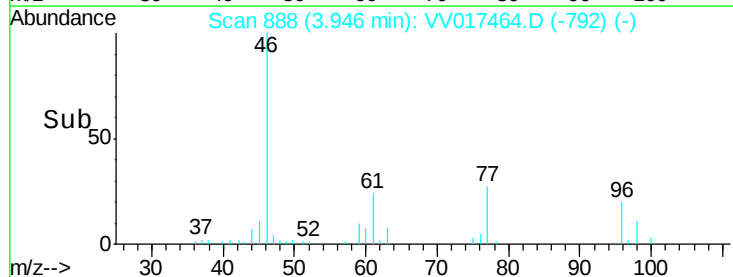
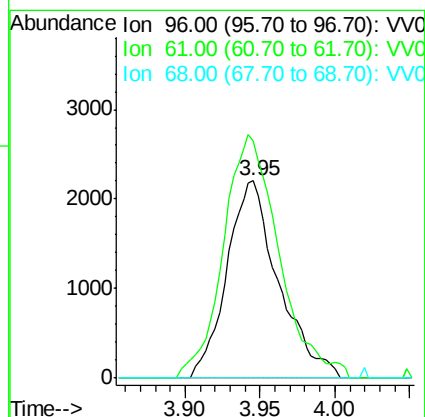
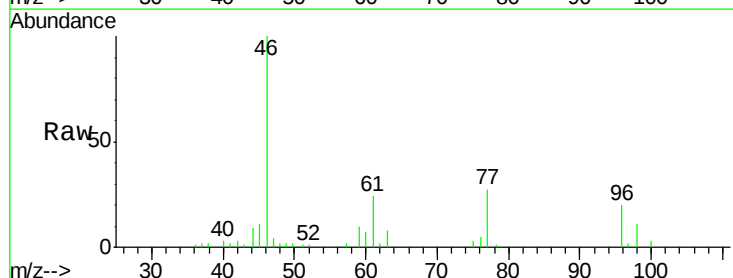
Tgt Ion: 96 Resp: 5281

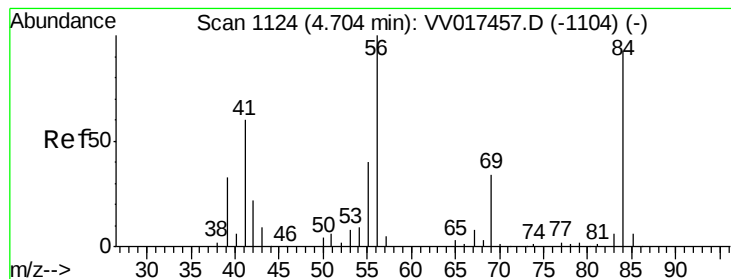
Ion Ratio Lower Upper

96 100

61 119.8 88.9 165.1

68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 1.538 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VV017464.D

Acq: 13 Jul 2020 12:53

Instrument :

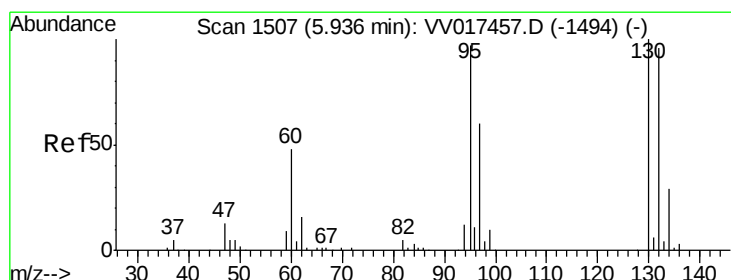
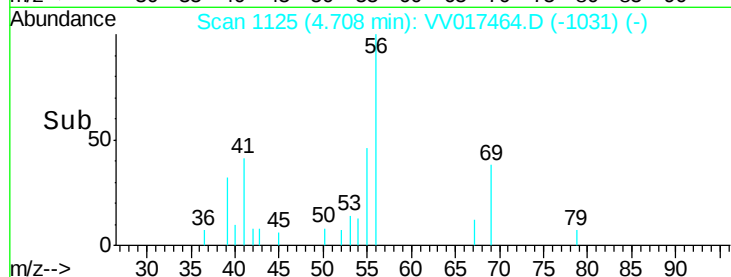
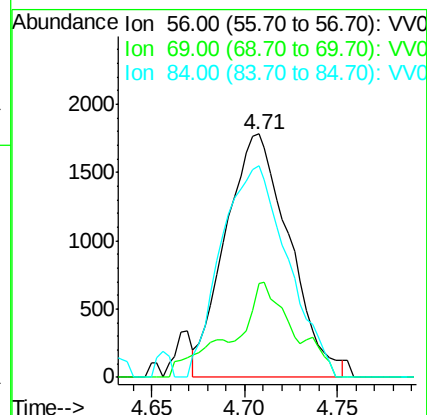
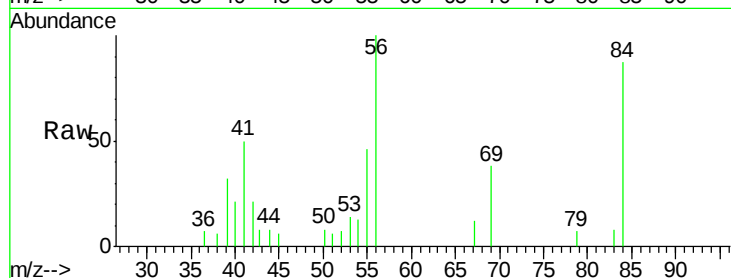
MSVOA_V

ClientSampleId :

F4A34

Tot Ion: 56 Resp: 4246

Ion	Ratio	Lower	Upper
56	100		
69	23.1	27.0	40.4#
84	91.1	77.4	116.0



#34

Trichloroethene

Concen: 0.923 ug/L

RT: 5.95 min Scan# 1510

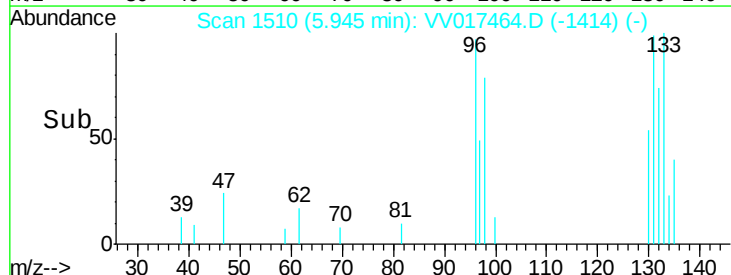
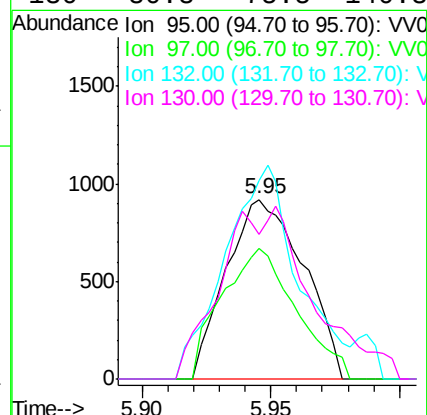
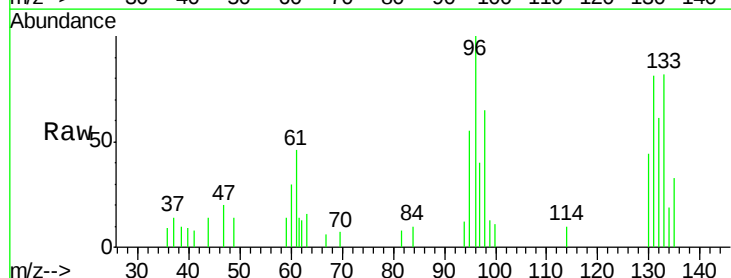
Delta R.T. 0.01 min

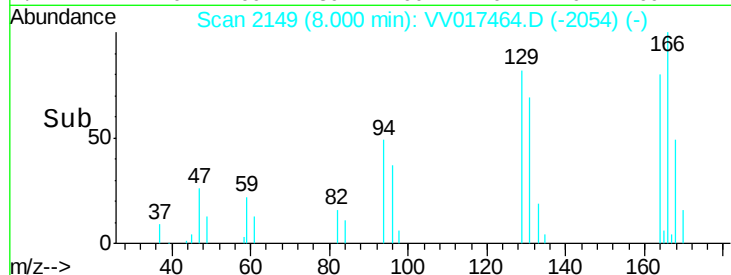
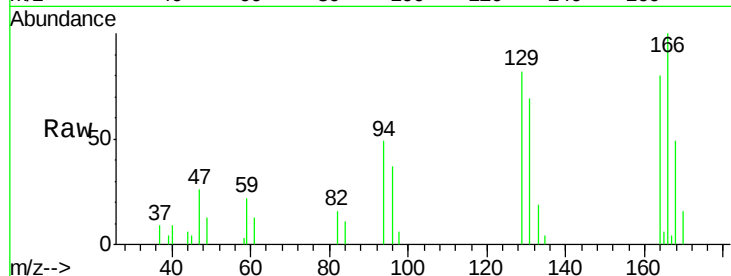
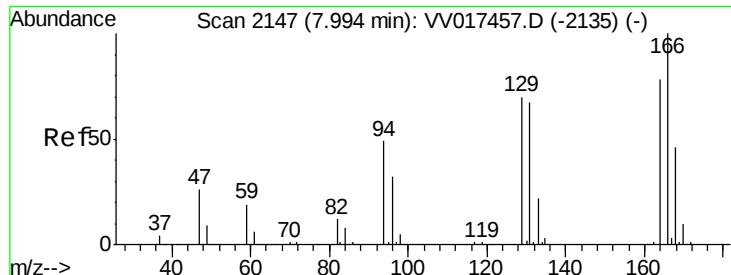
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Tgt Ion: 95 Resp: 1919

Ion	Ratio	Lower	Upper
95	100		
97	72.8	45.6	84.6
132	110.7	74.1	137.5
130	80.8	75.5	140.3





#46

Tetrachloroethene

Concen: 2.357 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017464.D

Acq: 13 Jul 2020 12:53

Instrument :

MSVOA_V

ClientSampleId :

F4A34

Tot Ion:164 Resp: 4112

Ion Ratio Lower Upper

164 100

129 102.5 66.6 123.8

131 86.3 65.5 121.7

166 125.1 93.9 174.5

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

