

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015976.D
 Acq On : 08 May 2020 19:26
 Operator : SY/MD
 Sample : L2520-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z3

Quant Time: May 09 04:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138386	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138419	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31576	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	32800	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	52886	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.92	46	106231	49.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	4.38	84	75699	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	46900	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	155262	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.10	67	49968	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	135648	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.65	79	15887	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	8.11	63	75818	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34439	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	52827	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

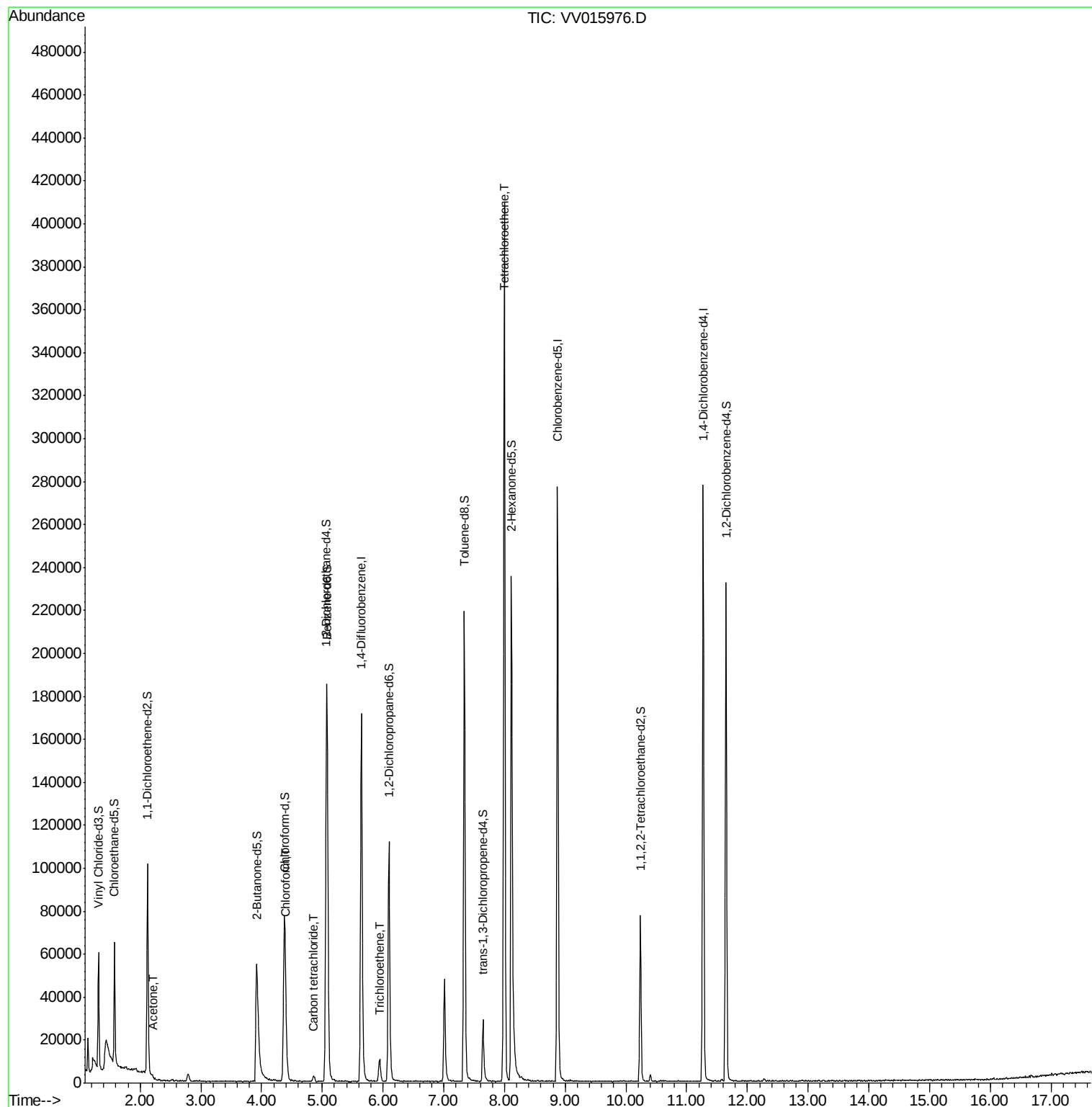
					Ovalue
13) Acetone	2.20	43	2429	1.719	ug/L 69
25) Chloroform	4.40	83	10498	0.588	ug/L 94
31) Carbon tetrachloride	4.86	117	1662	0.126	ug/L 99
34) Trichloroethene	5.94	95	3027	0.305	ug/L 88
49) Tetrachloroethene	8.00	164	81044	11.685	ug/L 98

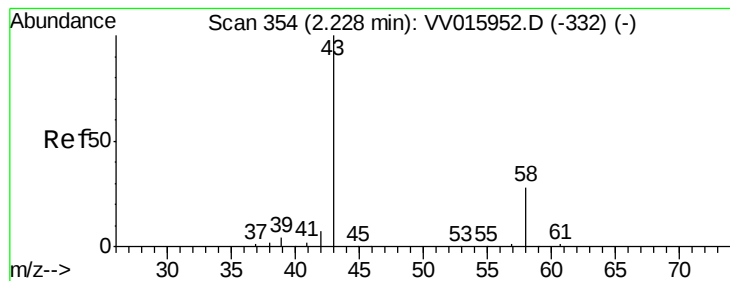
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.719 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV015976.D

Acq: 08 May 2020 19:26

Instrument :

MSVOA_V

ClientSampled :

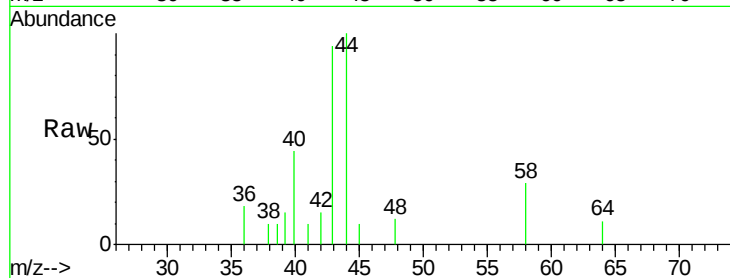
H41Z3

Tot Ion: 43 Resp: 2429

Ion Ratio Lower Upper

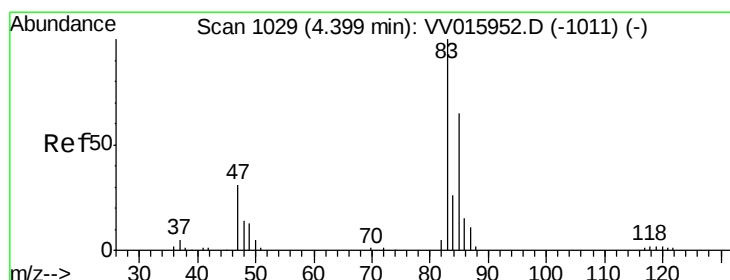
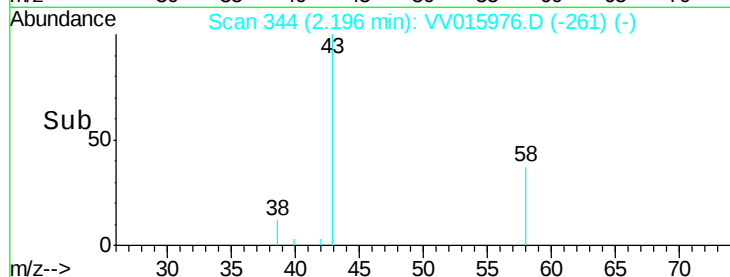
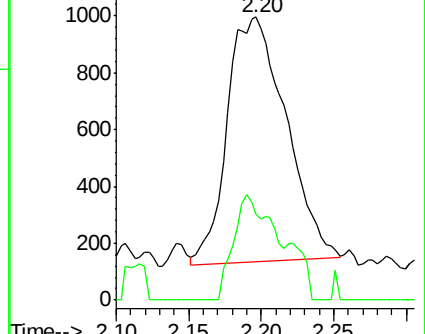
43 100

58 28.3 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.588 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

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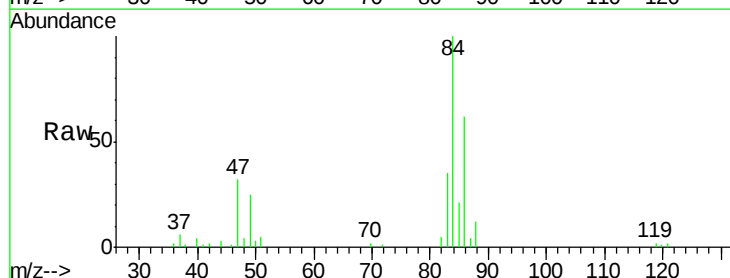
Acq: 08 May 2020 19:26

Tgt Ion: 83 Resp: 10498

Ion Ratio Lower Upper

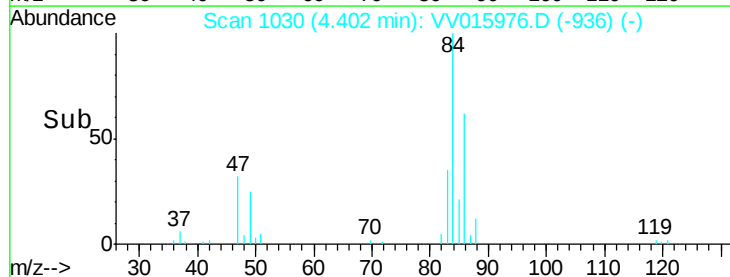
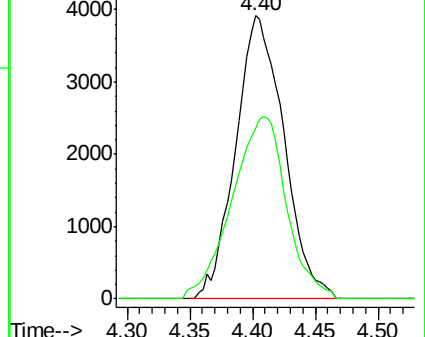
83 100

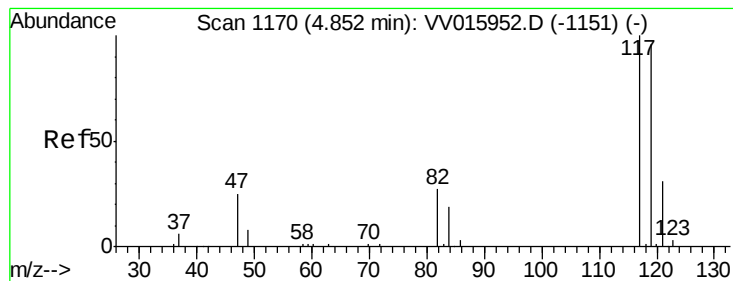
85 60.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#31

Carbon tetrachloride

Concen: 0.126 ug/L

RT: 4.86 min Scan# 1172

Delta R.T. 0.01 min

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ClientSampleId :

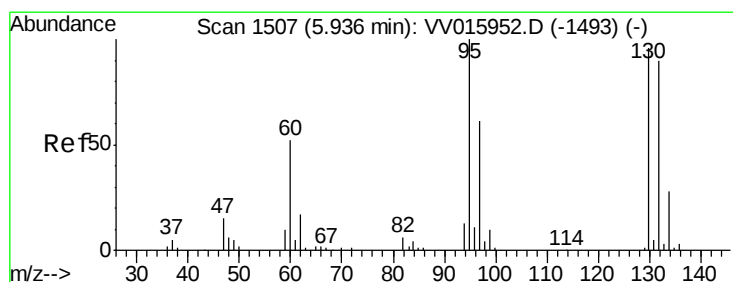
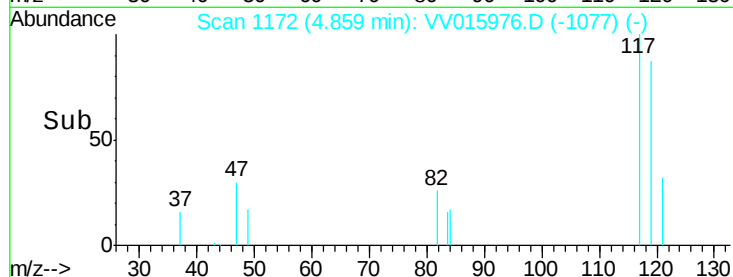
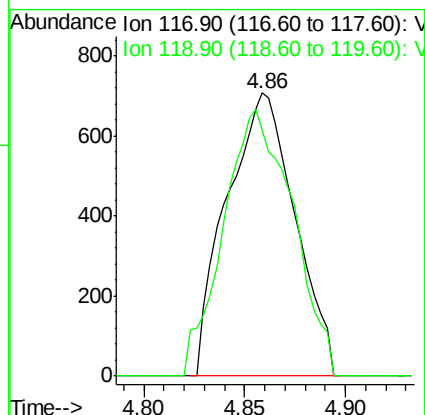
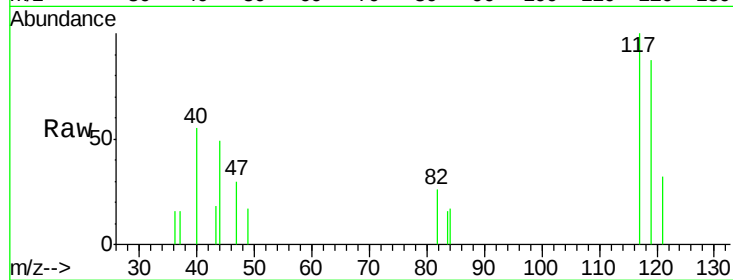
H41Z3

Tot Ion:117 Resp: 1662

Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9



#34

Trichloroethene

Concen: 0.305 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015976.D

Acq: 08 May 2020 19:26

Tgt Ion: 95 Resp: 3027

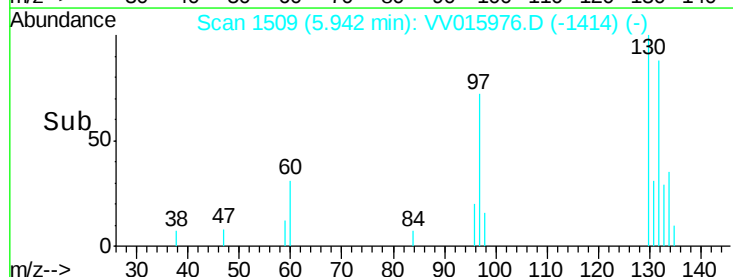
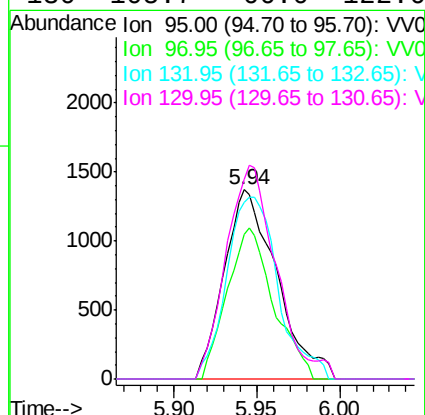
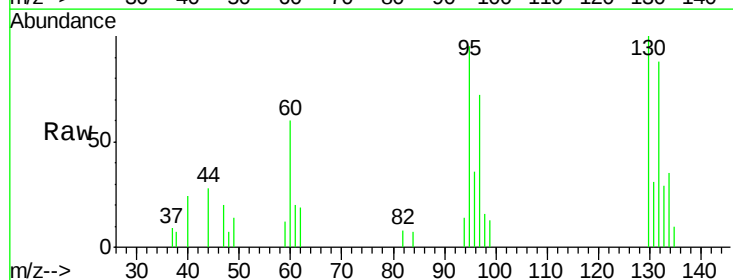
Ion Ratio Lower Upper

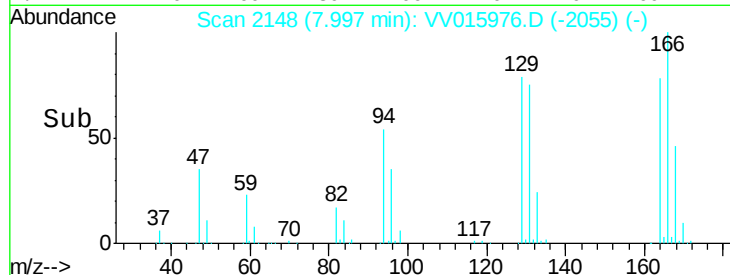
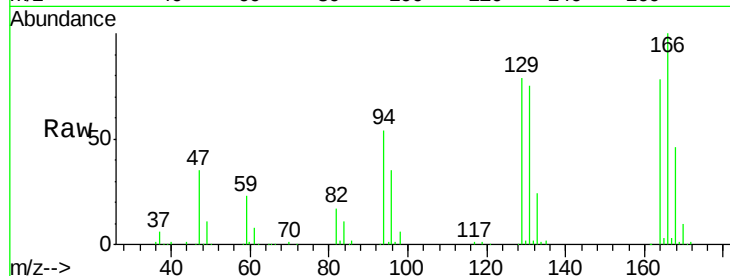
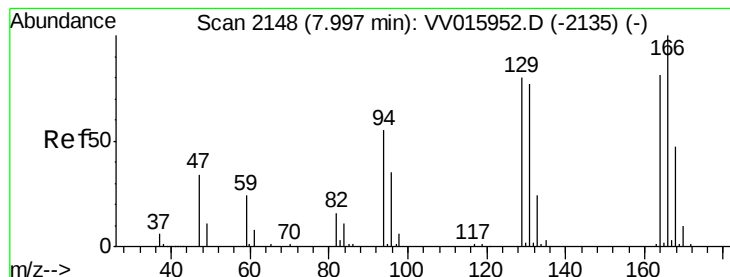
95 100

97 76.3 43.3 80.5

132 93.2 60.3 112.1

130 105.7 66.0 122.6





#49

Tetrachloroethene

Concen: 11.685 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015976.D

Acq: 08 May 2020 19:26

Instrument :
MSVOA_V
ClientSampleId :
H41Z3

Tot Ion:164 Resp: 81044

Ion Ratio Lower Upper

164 100

129 102.2 69.7 129.4

131 96.4 66.8 124.2

166 128.6 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

