

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016016.D
 Acq On : 12 May 2020 15:53
 Operator : SY/MD
 Sample : L2541-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z6

Quant Time: May 13 07:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137162	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30785	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	32329	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	50749	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.92	46	109566	51.55	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.38	84	73726	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	47433	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	154671	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	48455	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.34	98	136418	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.65	79	12495	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
48) 2-Hexanone-d5	8.12	63	72151	42.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34732	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52230	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

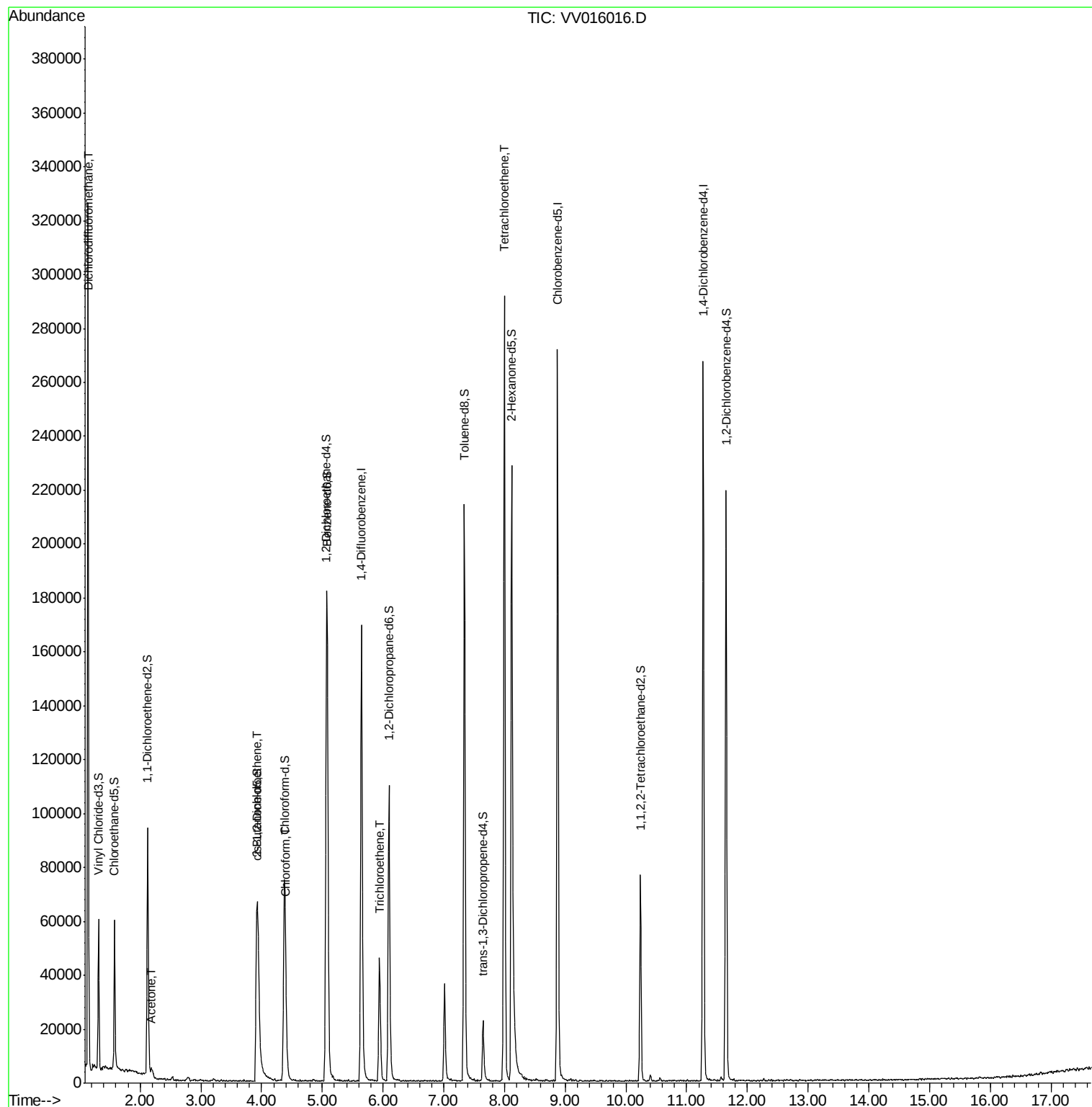
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3669	0.349 ug/L	98
13) Acetone	2.20	43	4394	3.134 ug/L	69
22) cis-1,2-Dichloroethene	3.94	96	11899	1.361 ug/L	94
25) Chloroform	4.41	83	9960	0.562 ug/L	96
34) Trichloroethene	5.94	95	15037	1.527 ug/L	92
49) Tetrachloroethene	8.00	164	59487	8.656 ug/L	98

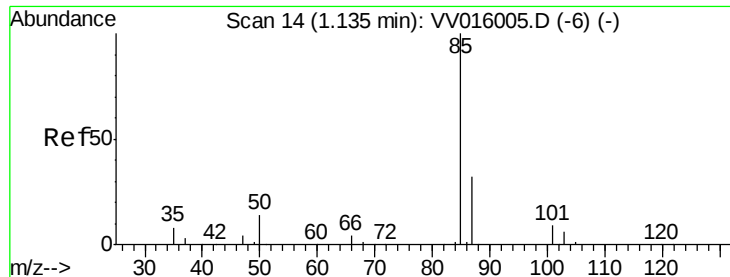
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.349 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016016.D

Acq: 12 May 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

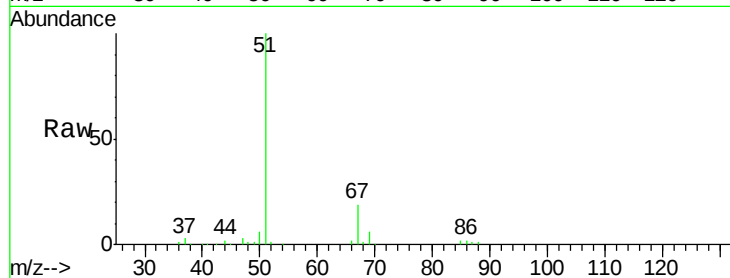
H41Z6

Tot Ion: 85 Resp: 3669

Ion Ratio Lower Upper

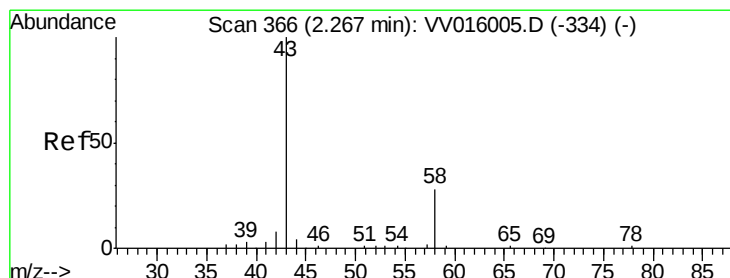
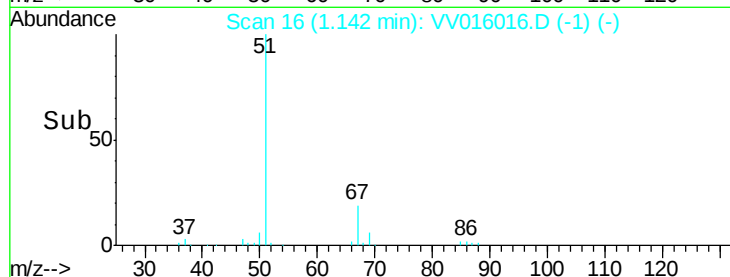
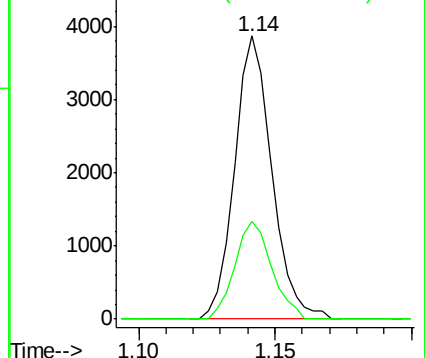
85 100

87 34.2 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 3.134 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.07 min

Lab File: VV016016.D

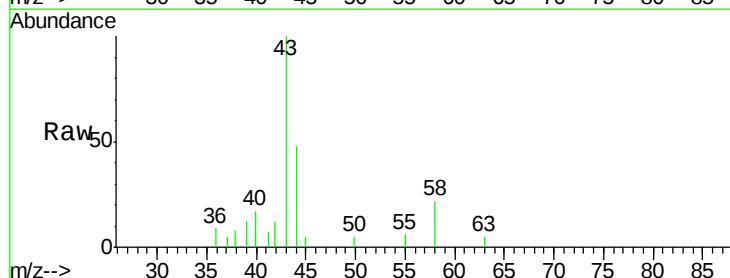
Acq: 12 May 2020 15:53

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

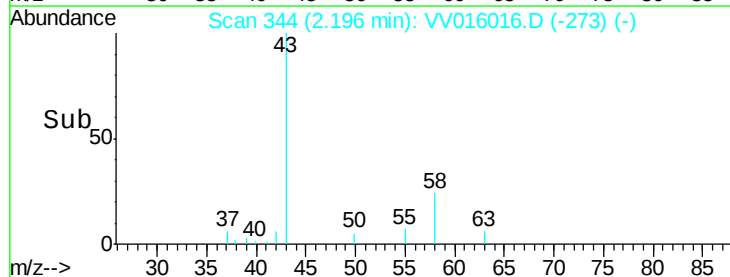
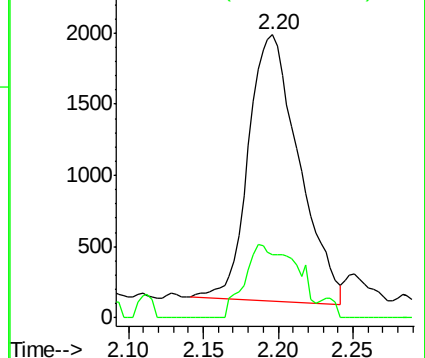
43 100

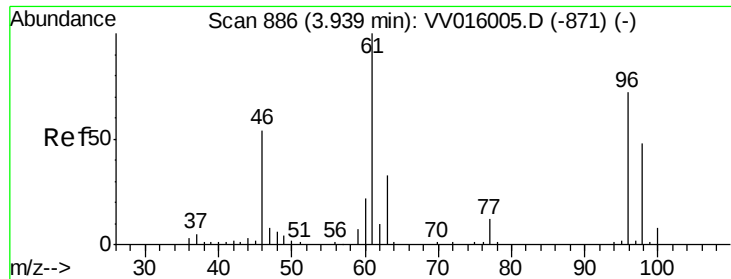
58 28.2 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 1.361 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV016016.D

Acq: 12 May 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

H41Z6

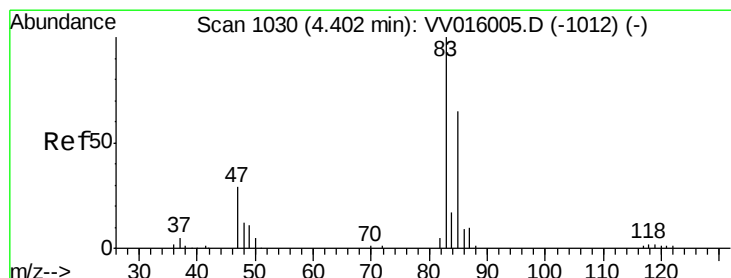
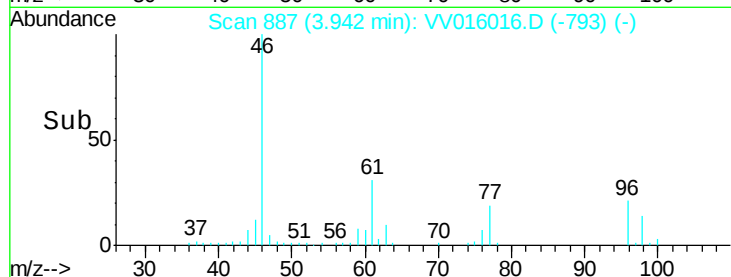
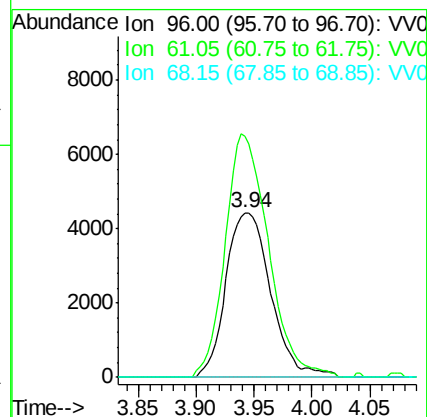
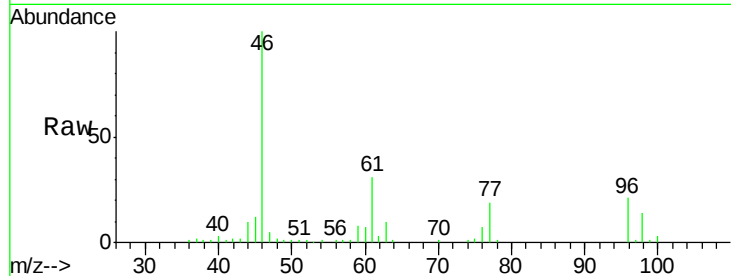
Tot Ion: 96 Resp: 11899

Ion Ratio Lower Upper

96 100

61 146.7 97.2 180.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.562 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016016.D

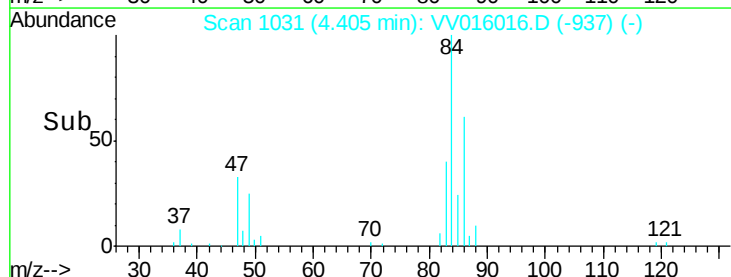
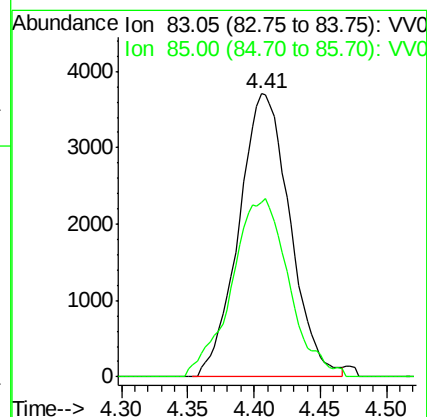
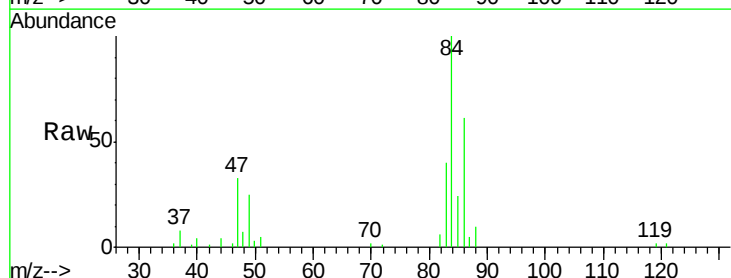
Acq: 12 May 2020 15:53

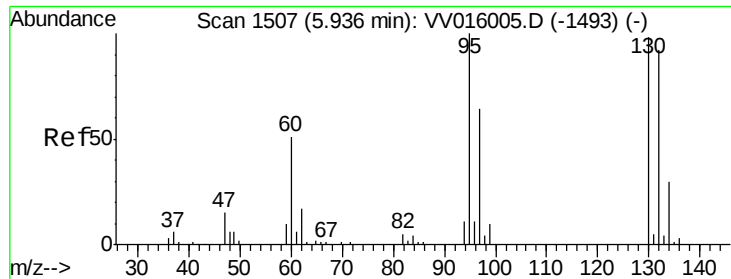
Tgt Ion: 83 Resp: 9960

Ion Ratio Lower Upper

83 100

85 61.7 45.7 84.9





#34

Trichloroethene

Concen: 1.527 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016016.D

Acq: 12 May 2020 15:53

Instrument :

MSVOA_V

ClientSampled :

H41Z6

Tot Ion: 95 Resp: 15037

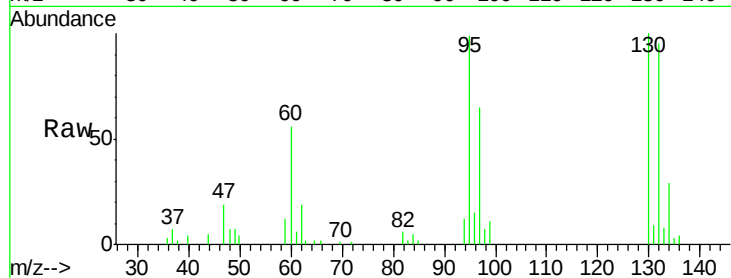
Ion Ratio Lower Upper

95 100

97 65.6 43.3 80.5

132 96.1 60.3 112.1

130 101.3 66.0 122.6

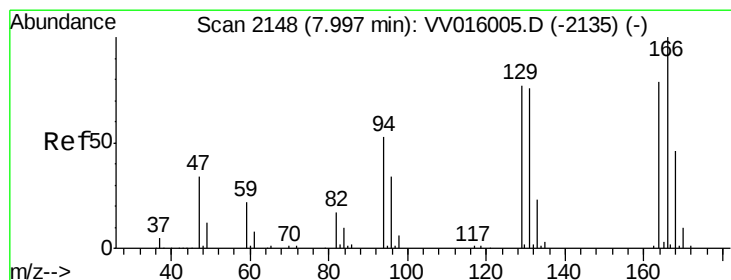
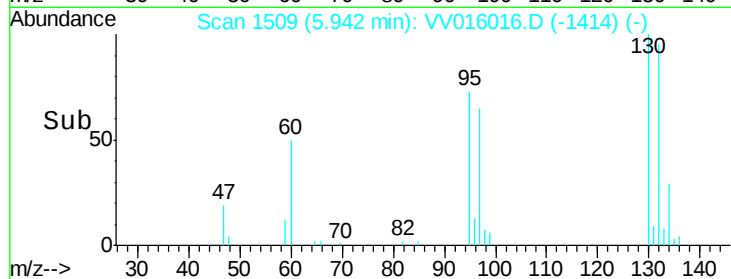
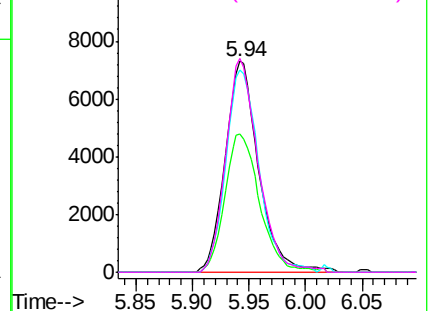


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 8.656 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016016.D

Acq: 12 May 2020 15:53

Tgt Ion: 164 Resp: 59487

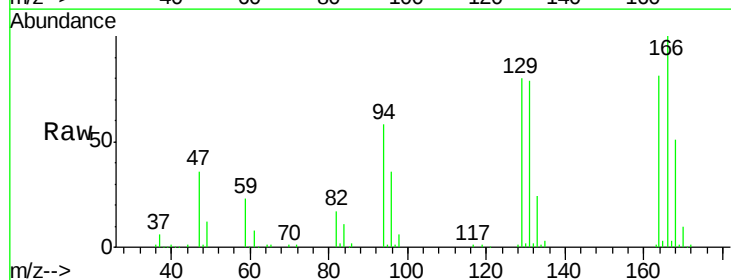
Ion Ratio Lower Upper

164 100

129 98.9 69.7 129.4

131 97.0 66.8 124.2

166 123.0 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

