

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016039.D
 Acq On : 13 May 2020 14:35
 Operator : SY/MD
 Sample : L2542-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4220

Quant Time: May 14 03:22:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148536	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148962	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49333	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.58	69	45622	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.12	63	73294	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.93	46	123869	53.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.78%
24) Chloroform-d	4.38	84	96308	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.06	65	53628	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	190740	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.10	67	57848	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.34	98	166522	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
45) trans-1,3-Dichloropropene-	7.65	79	17430	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	94555	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39454	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	59768	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

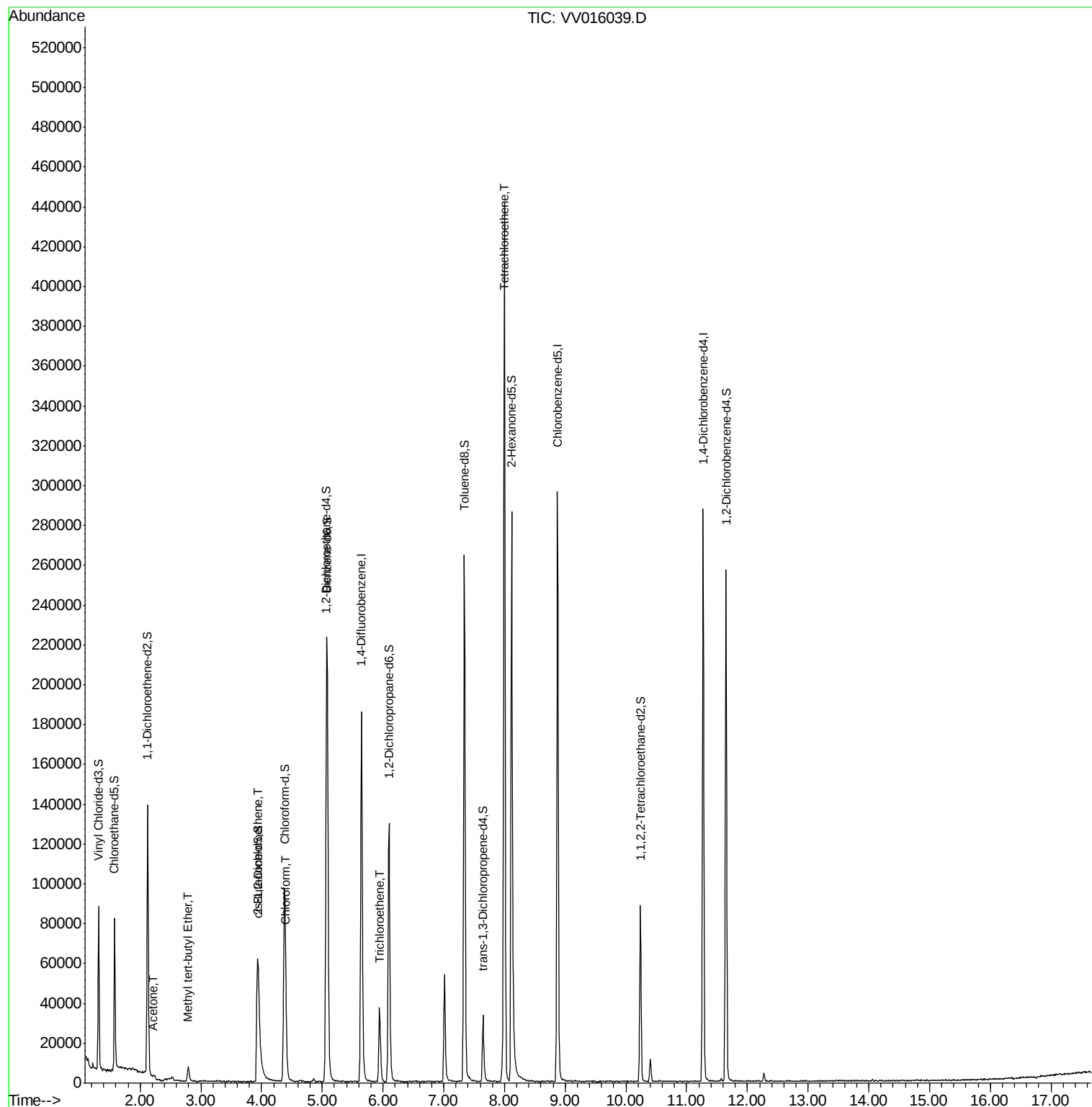
					Ovalue
13) Acetone	2.21	43	2762	1.822 ug/L	83
17) Methyl tert-butyl Ether	2.79	73	6313	0.297 ug/L #	91
22) cis-1,2-Dichloroethene	3.95	96	3286	0.347 ug/L	93
25) Chloroform	4.41	83	6778	0.354 ug/L	97
34) Trichloroethene	5.94	95	12832	1.200 ug/L	94
49) Tetrachloroethene	8.00	164	90255	12.092 ug/L	99

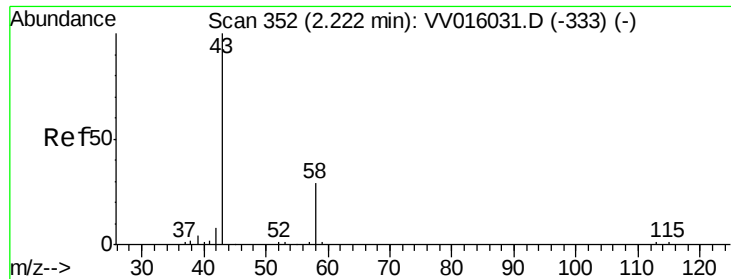
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.822 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV016039.D

Acq: 13 May 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

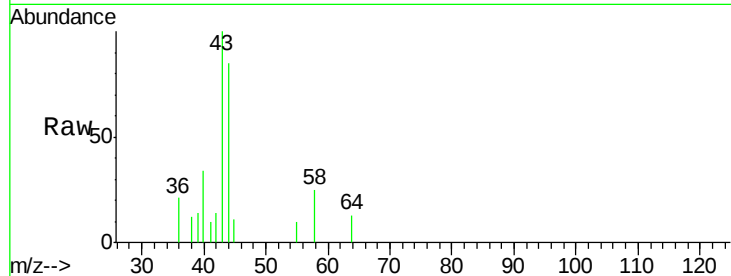
H4220

Tot Ion: 43 Resp: 2762

Ion Ratio Lower Upper

43 100

58 22.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016039.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV016039.D (-259) (-)

2.21

1200

1000

800

600

400

200

0

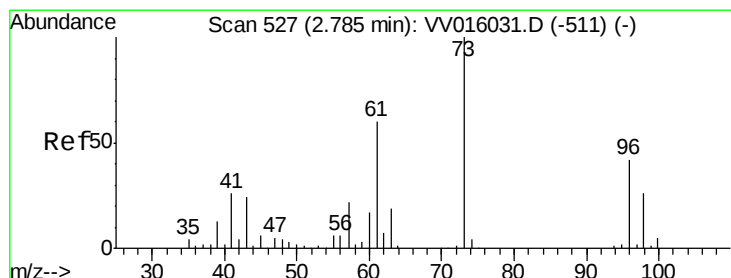
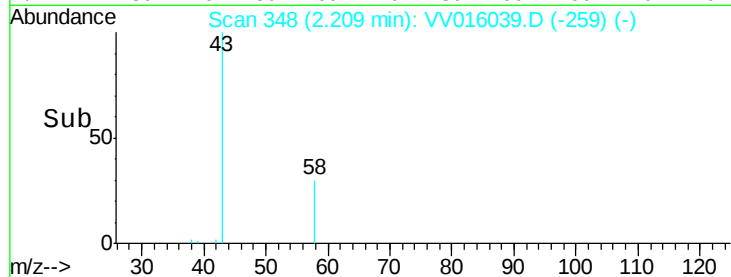
2.15

2.20

2.25

2.30

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.297 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV016039.D

Acq: 13 May 2020 14:35

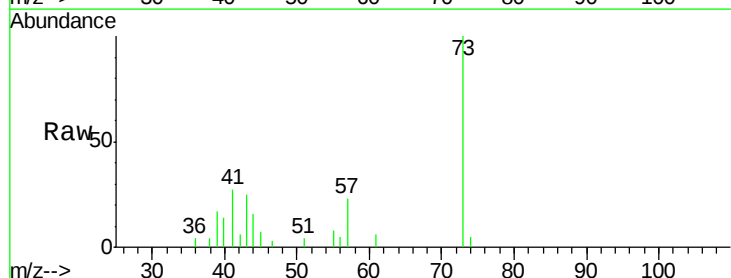
Tgt Ion: 73 Resp: 6313

Ion Ratio Lower Upper

73 100

43 30.4 18.8 28.2#

57 23.6 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV016039.D (-434) (-)

Ion 43.05 (42.75 to 43.75): VV016039.D (-434) (-)

Ion 57.10 (56.80 to 57.80): VV016039.D (-434) (-)

2.79

4000

3000

2000

1000

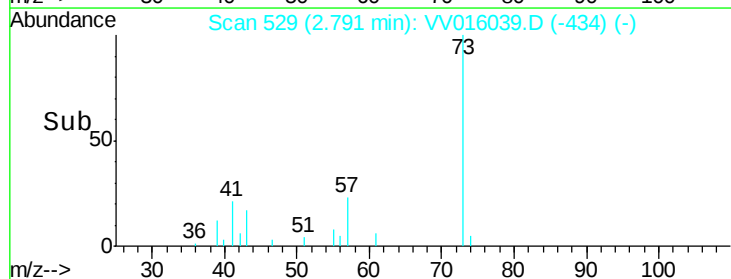
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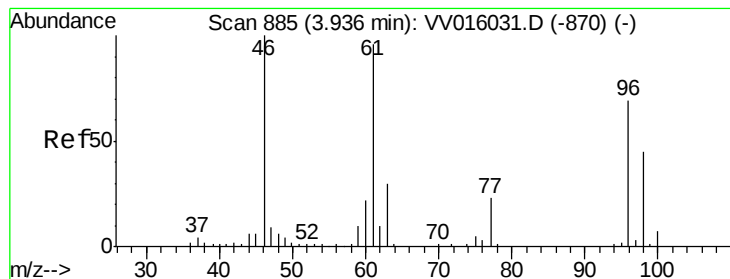
2.75

2.80

2.85

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.347 ug/L

RT: 3.95 min Scan# 890

Delta R.T. 0.02 min

Lab File: VV016039.D

Acq: 13 May 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :
H4220

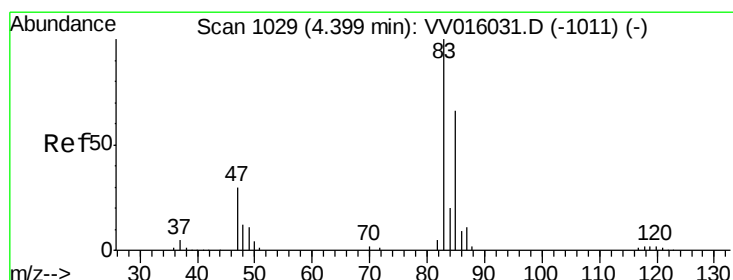
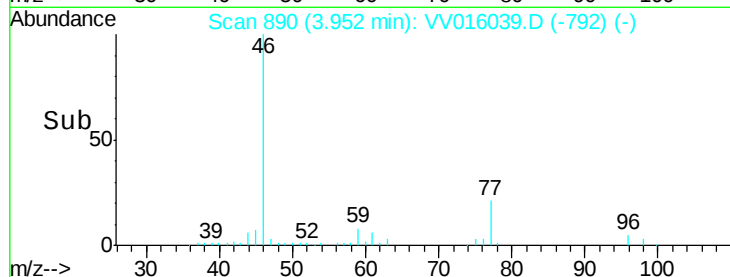
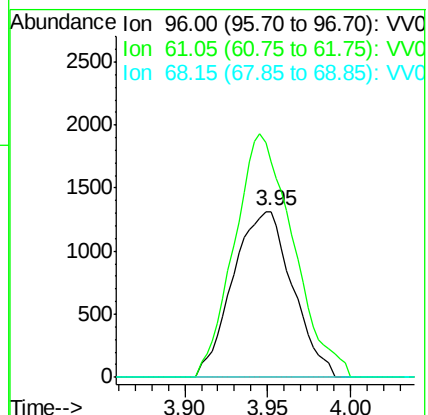
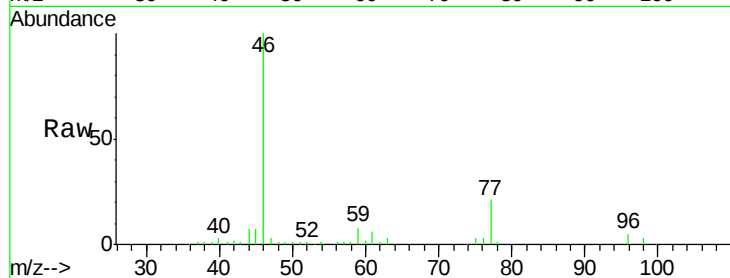
Tot Ion: 96 Resp: 3286

Ion Ratio Lower Upper

96 100

61 130.0 97.2 180.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.354 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016039.D

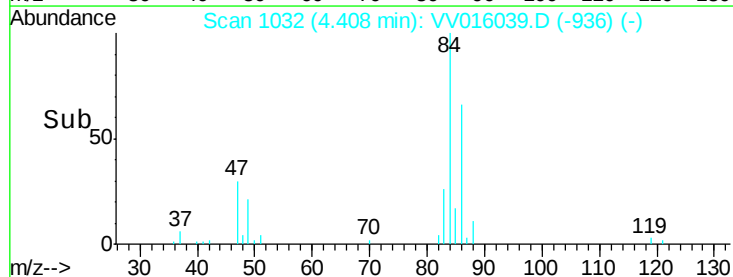
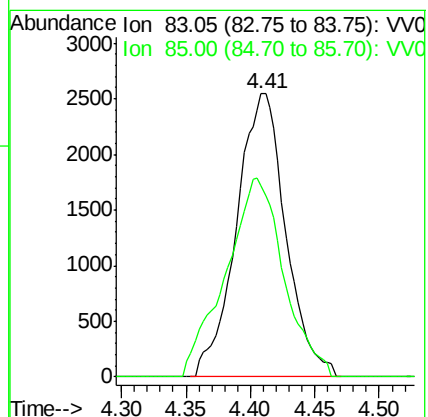
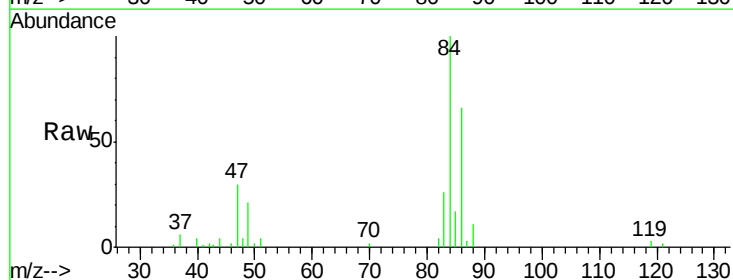
Acq: 13 May 2020 14:35

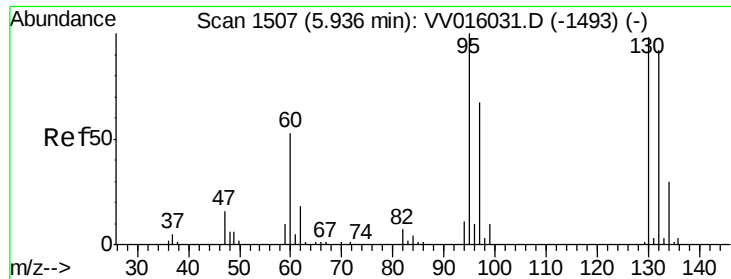
Tgt Ion: 83 Resp: 6778

Ion Ratio Lower Upper

83 100

85 67.5 45.7 84.9





#34

Trichloroethene

Concen: 1.200 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016039.D

Acq: 13 May 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

H4220

Tot Ion: 95 Resp: 12832

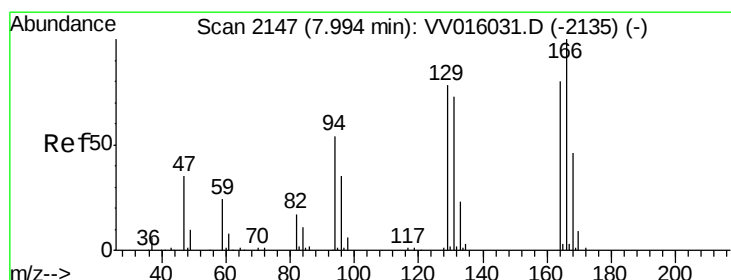
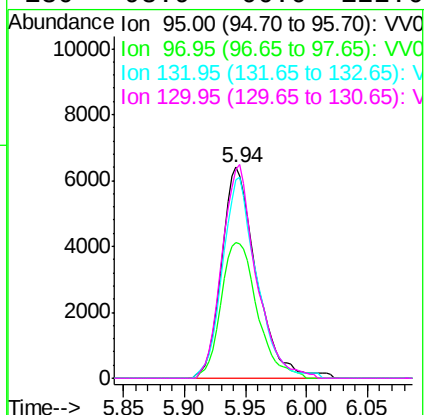
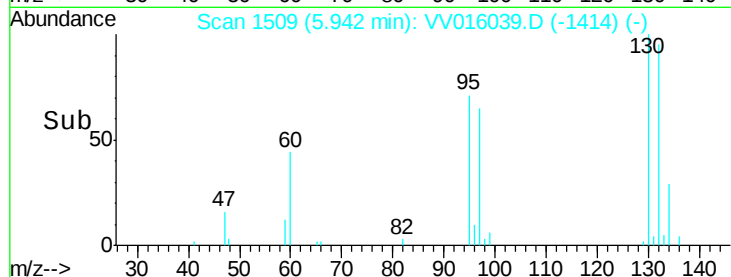
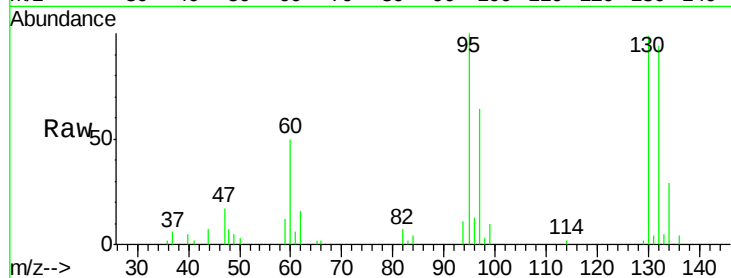
Ion Ratio Lower Upper

95 100

97 64.2 43.3 80.5

132 93.9 60.3 112.1

130 98.9 66.0 122.6



#49

Tetrachloroethene

Concen: 12.092 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016039.D

Acq: 13 May 2020 14:35

Tgt Ion: 164 Resp: 90255

Ion Ratio Lower Upper

164 100

129 100.6 69.7 129.4

131 95.9 66.8 124.2

166 127.7 89.1 165.5

