

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016049.D
 Acq On : 13 May 2020 18:49
 Operator : SY/MD
 Sample : L2598-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4225

Quant Time: May 14 05:16:41 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	5.65	114	85055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84748	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27926	6.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.00%
7) Chloroethane-d5	1.58	69	26197	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	41926	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.93	46	110132	83.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	167.34%#
24) Chloroform-d	4.38	84	55786	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.06	65	35842	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.00%
32) Benzene-d6	5.08	84	104270	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	34482	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.34	98	91387	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.65	79	11718	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
48) 2-Hexanone-d5	8.12	63	76205	71.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.62%#
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30943	7.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	143.00%#
65) 1,2-Dichlorobenzene-d4	11.65	152	34878	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

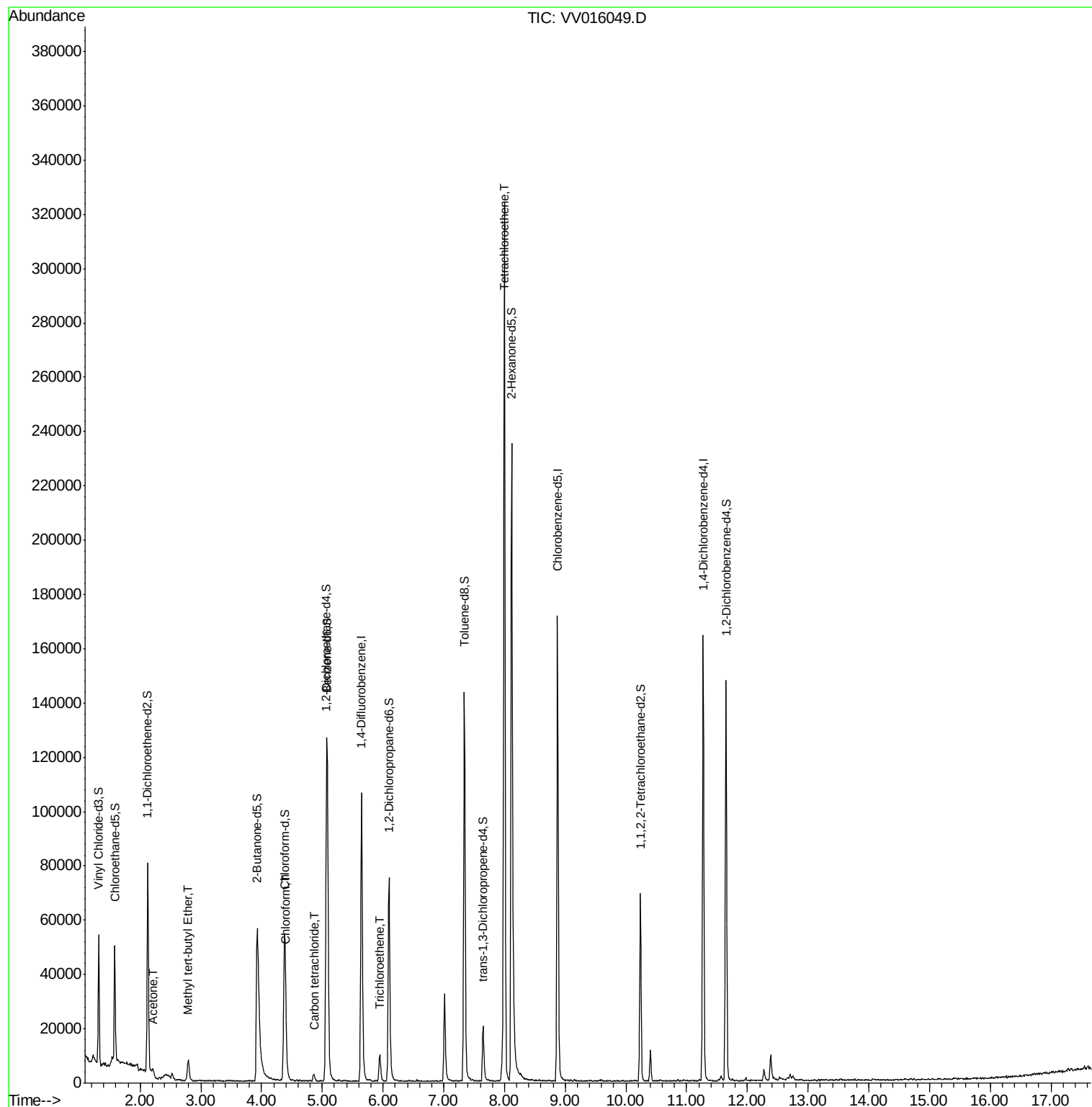
					Ovalue
13) Acetone	2.21	43	4584	5.279 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	6780	0.557 ug/L #	88
25) Chloroform	4.41	83	3852	0.351 ug/L	88
31) Carbon tetrachloride	4.86	117	1749	0.217 ug/L	84
34) Trichloroethene	5.95	95	3628	0.596 ug/L	94
49) Tetrachloroethene	8.00	164	64107	15.097 ug/L	96

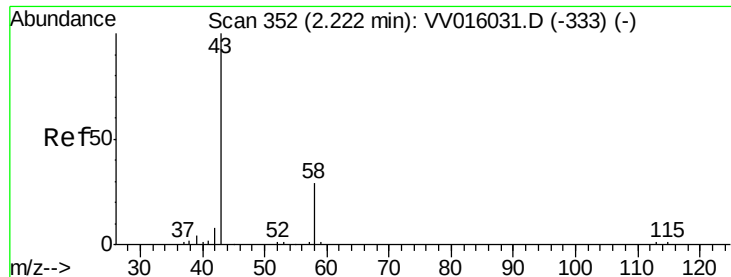
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.279 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV016049.D

Acq: 13 May 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

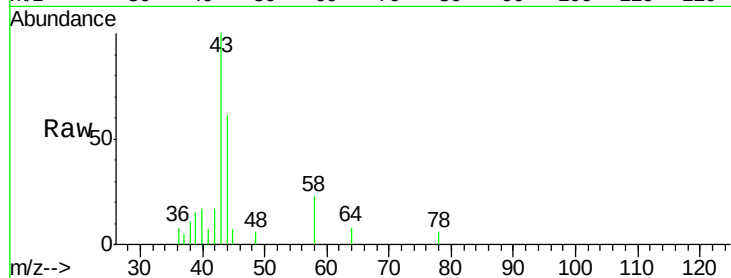
H4225

Tot Ion: 43 Resp: 4584

Ion Ratio Lower Upper

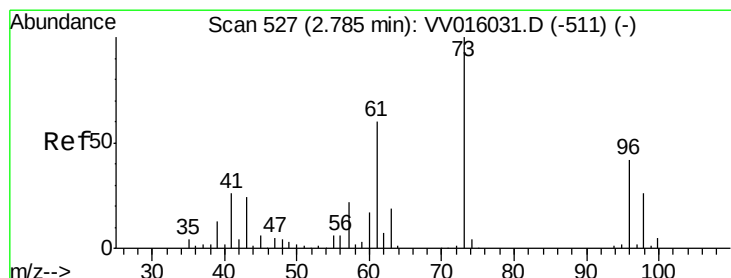
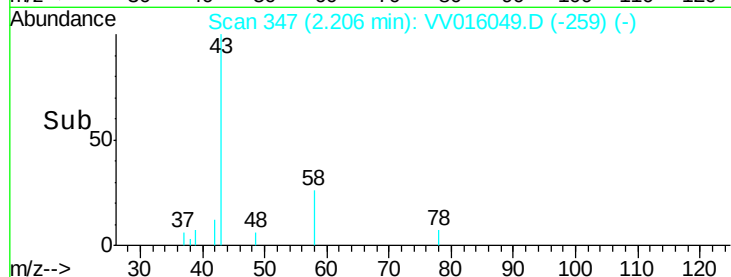
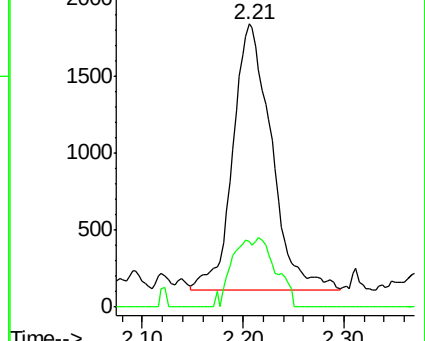
43 100

58 14.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016031.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV016031.D (-333) (-)



#17

Methyl tert-butyl Ether

Concen: 0.557 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV016049.D

Acq: 13 May 2020 18:49

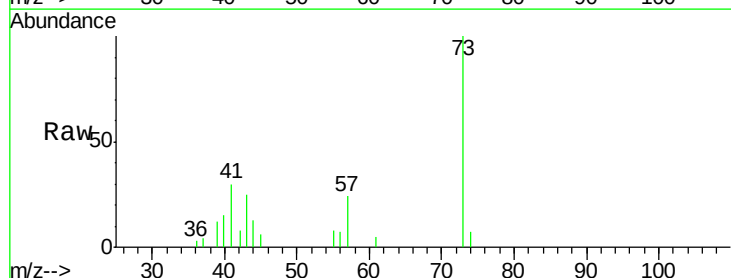
Tgt Ion: 73 Resp: 6780

Ion Ratio Lower Upper

73 100

43 31.5 18.8 28.2#

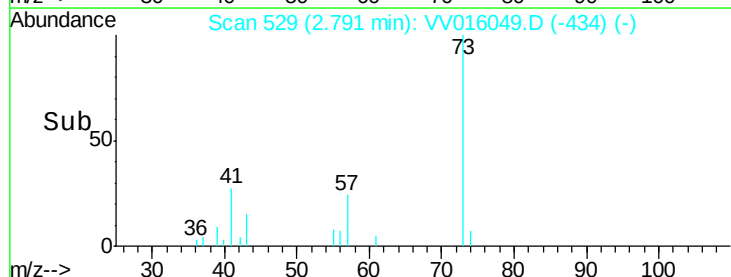
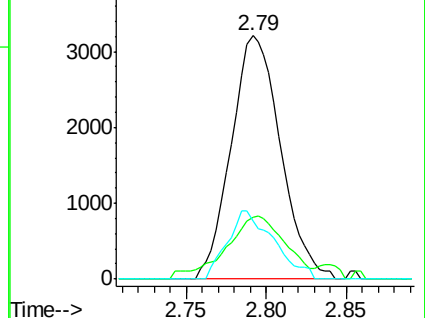
57 26.2 17.8 26.6

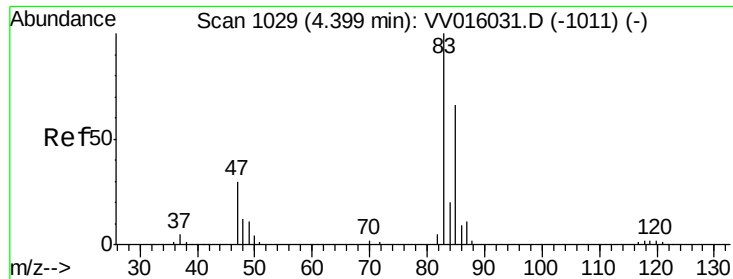


Abundance Ion 73.10 (72.80 to 73.80): VV016031.D (-511) (-)

Ion 43.05 (42.75 to 43.75): VV016031.D (-511) (-)

Ion 57.10 (56.80 to 57.80): VV016031.D (-511) (-)





#25

Chloroform

Concen: 0.351 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016049.D

Acq: 13 May 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

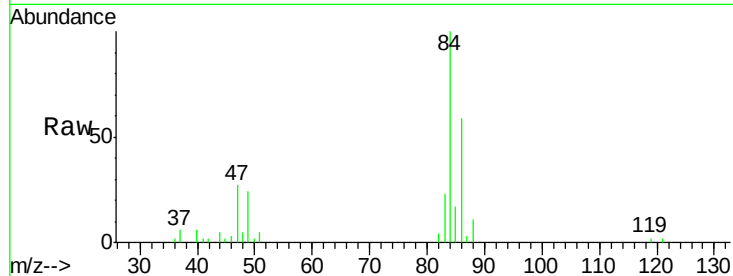
H4225

Tot Ion: 83 Resp: 3852

Ion Ratio Lower Upper

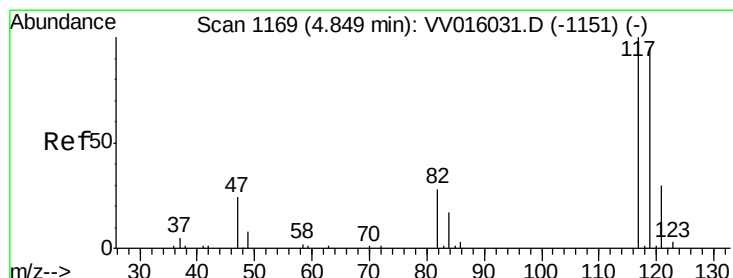
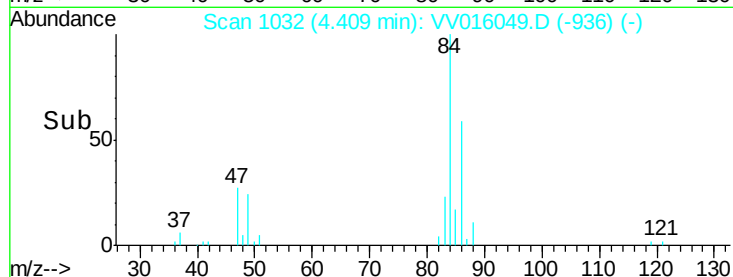
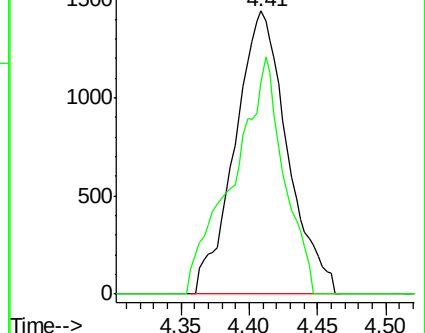
83 100

85 74.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016031.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV016031.D (-1011) (-)



#31

Carbon tetrachloride

Concen: 0.217 ug/L

RT: 4.86 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VV016049.D

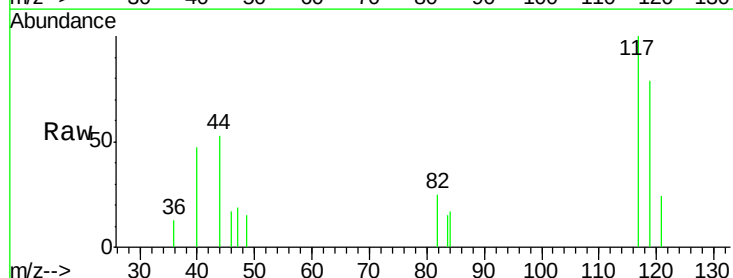
Acq: 13 May 2020 18:49

Tgt Ion: 117 Resp: 1749

Ion Ratio Lower Upper

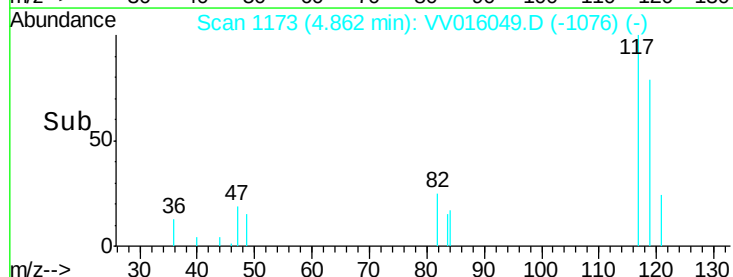
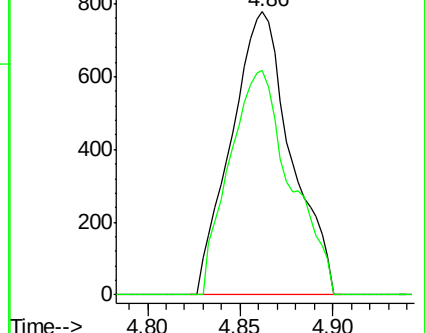
117 100

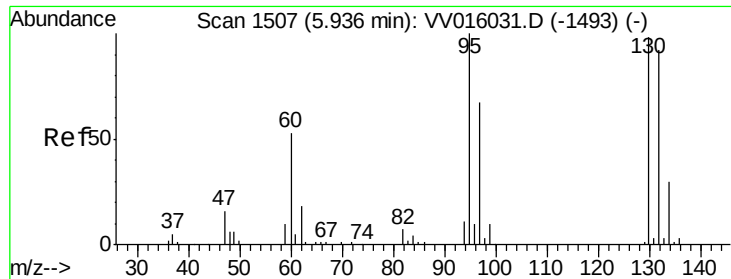
119 81.0 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): VV016031.D (-1151) (-)

Ion 118.90 (118.60 to 119.60): VV016031.D (-1151) (-)





#34

Trichloroethene

Concen: 0.596 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016049.D

Acq: 13 May 2020 18:49

Instrument :

MSVOA_V

ClientSampled :

H4225

Tot Ion: 95 Resp: 3628

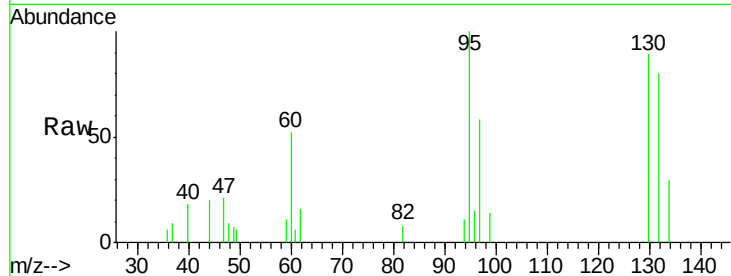
Ion Ratio Lower Upper

95 100

97 57.9 43.3 80.5

132 80.2 60.3 112.1

130 88.6 66.0 122.6

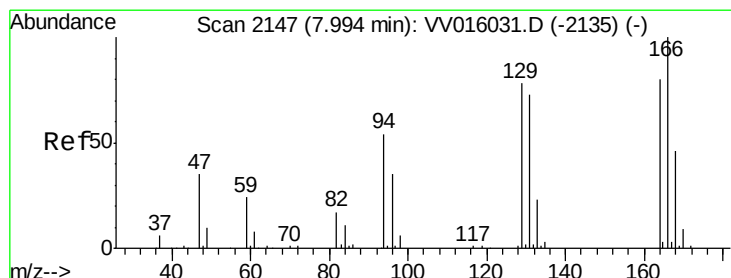
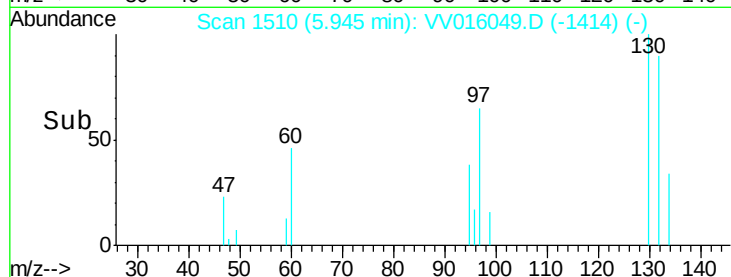
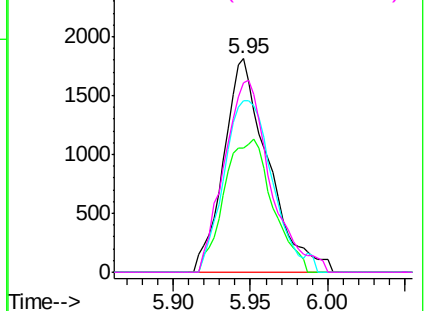


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 15.097 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016049.D

Acq: 13 May 2020 18:49

Tgt Ion: 164 Resp: 64107

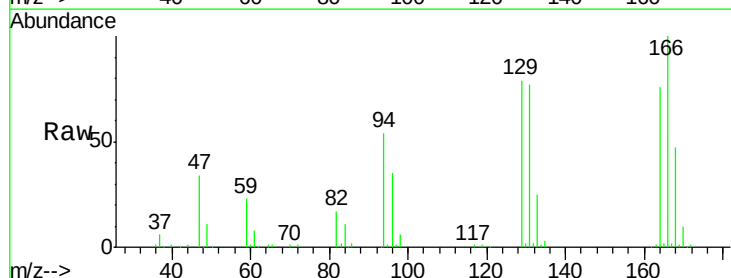
Ion Ratio Lower Upper

164 100

129 104.1 69.7 129.4

131 100.4 66.8 124.2

166 130.9 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

