

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016075.D
 Acq On : 14 May 2020 18:31
 Operator : SY/MD
 Sample : L2661-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4248

Quant Time: May 15 08:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141836	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138030	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62147	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42053	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.58	69	40474	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	62667	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.94	46	128143	58.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.76%
24) Chloroform-d	4.38	84	86218	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	50251	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.08	84	175872	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.10	67	55182	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.34	98	153165	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
45) trans-1,3-Dichloropropene-	7.65	79	18439	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
48) 2-Hexanone-d5	8.12	63	97240	56.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40421	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	60873	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

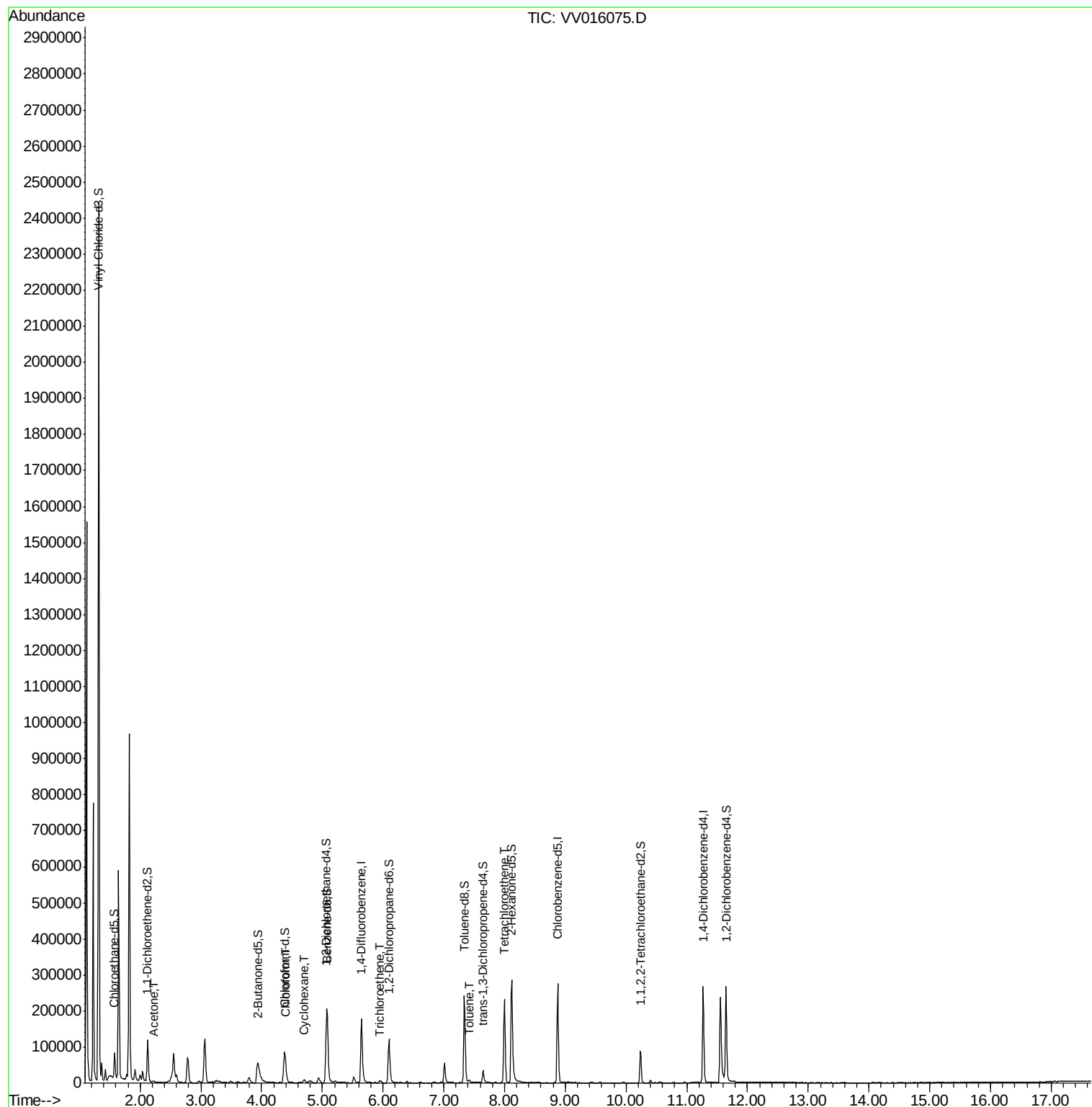
					Ovalue
13) Acetone	2.22	43	5522	3.814 ug/L	67
25) Chloroform	4.41	83	7314	0.400 ug/L	92
30) Cyclohexane	4.70	56	2094	0.137 ug/L #	57
34) Trichloroethene	5.95	95	1791	0.181 ug/L	92
42) Toluene	7.42	91	5216	0.142 ug/L	88
49) Tetrachloroethene	8.00	164	47655	6.890 ug/L	99

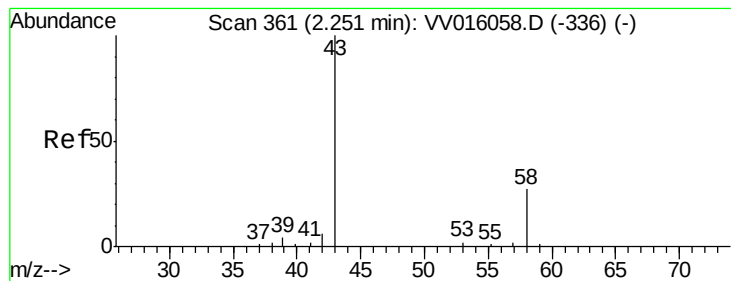
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.814 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.04 min

Lab File: VV016075.D

Acq: 14 May 2020 18:31

Instrument :

MSVOA_V

ClientSampleId :

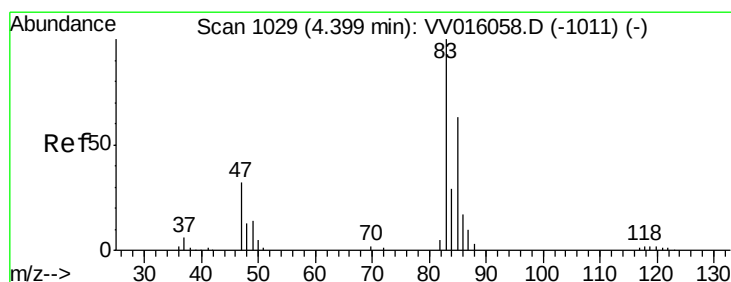
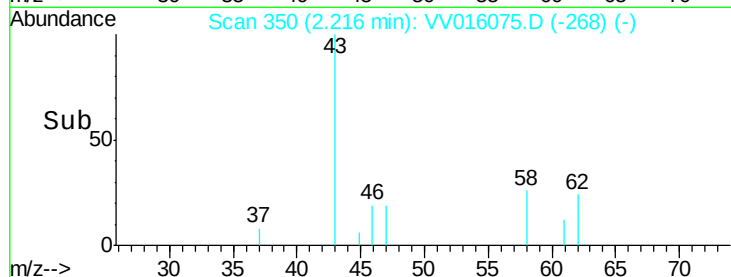
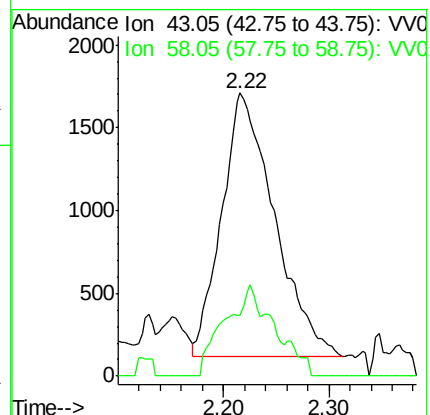
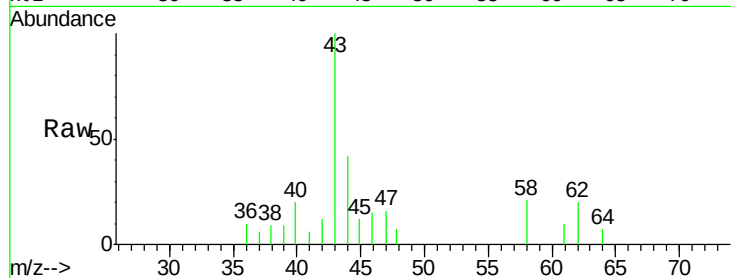
H4248

Tot Ion: 43 Resp: 5522

Ion Ratio Lower Upper

43 100

58 29.1 0.0 30.8



#25

Chloroform

Concen: 0.400 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016075.D

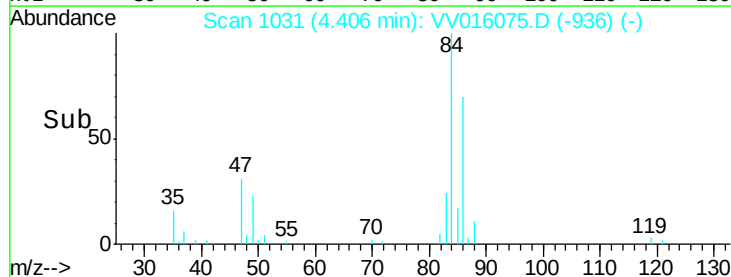
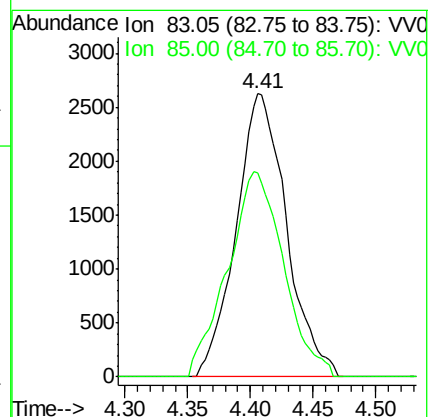
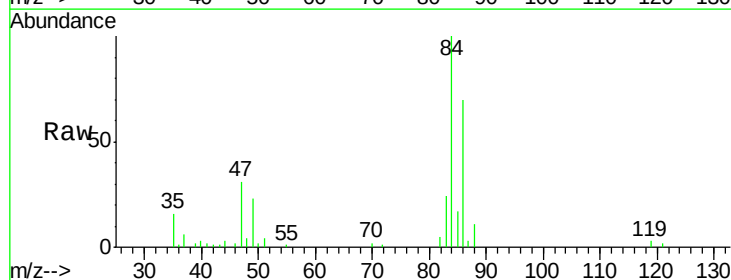
Acq: 14 May 2020 18:31

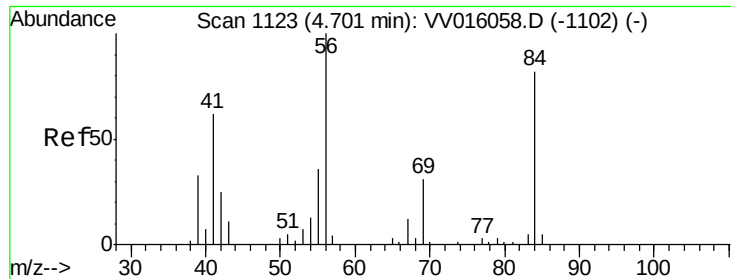
Tgt Ion: 83 Resp: 7314

Ion Ratio Lower Upper

83 100

85 71.9 45.7 84.9

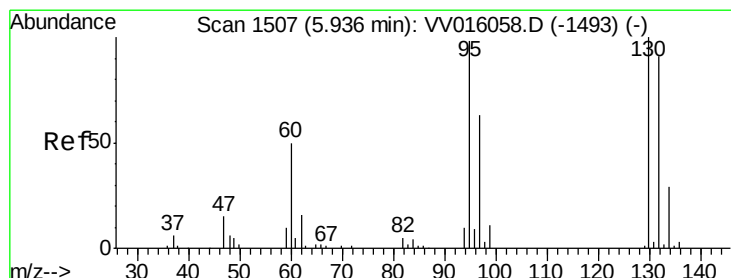
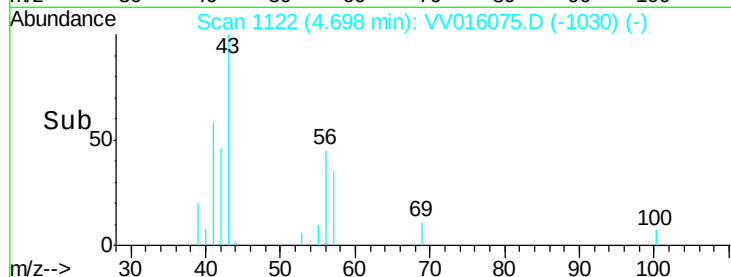
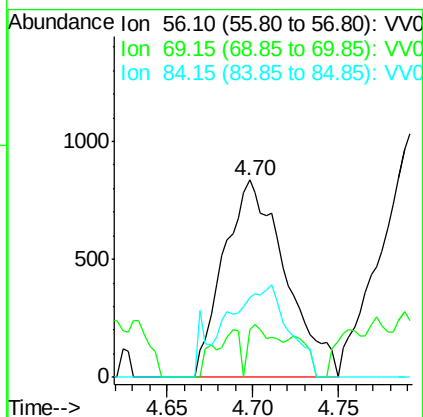
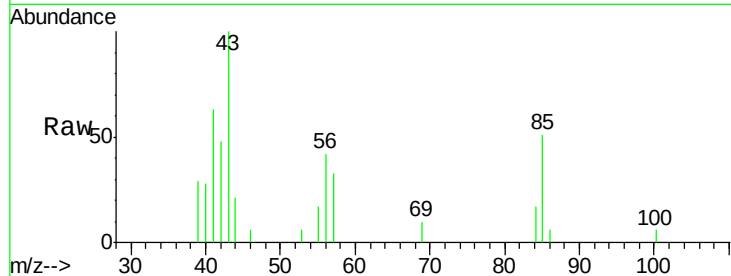




#30
Cyclohexane
Concen: 0.137 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016075.D
Acq: 14 May 2020 18:31

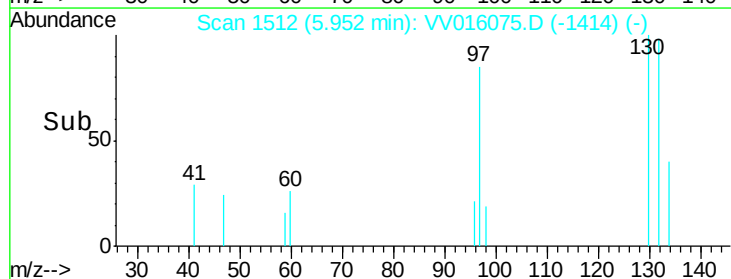
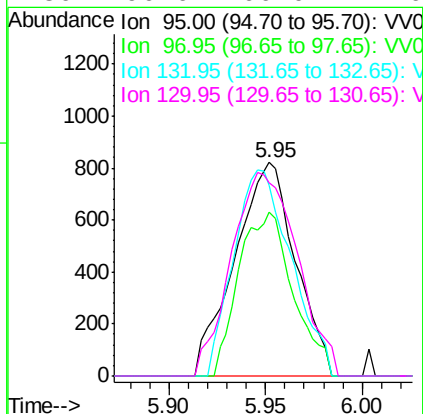
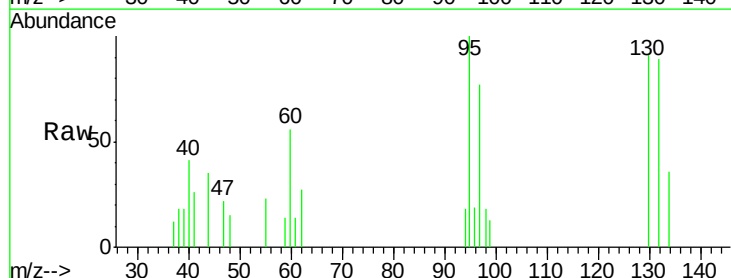
Instrument :
MSVOA_V
ClientSampled :
H4248

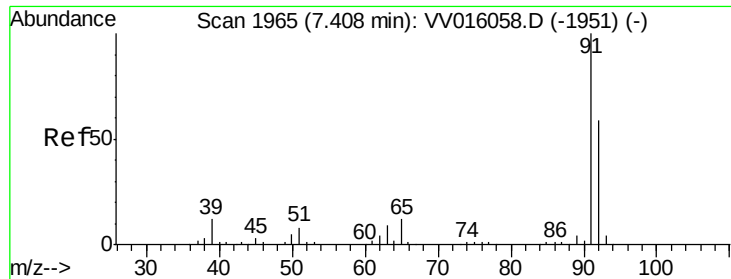
Tot Ion: 56 Resp: 2094
Ion Ratio Lower Upper
56 100
69 11.8 24.2 36.2#
84 43.0 68.3 102.5#



#34
Trichloroethene
Concen: 0.181 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.02 min
Lab File: VV016075.D
Acq: 14 May 2020 18:31

Tgt Ion: 95 Resp: 1791
Ion Ratio Lower Upper
95 100
97 76.6 43.3 80.5
132 89.2 60.3 112.1
130 90.6 66.0 122.6





#42

Toluene

Concen: 0.142 ug/L

RT: 7.42 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016075.D

Acq: 14 May 2020 18:31

Instrument :

MSVOA_V

ClientSampleId :

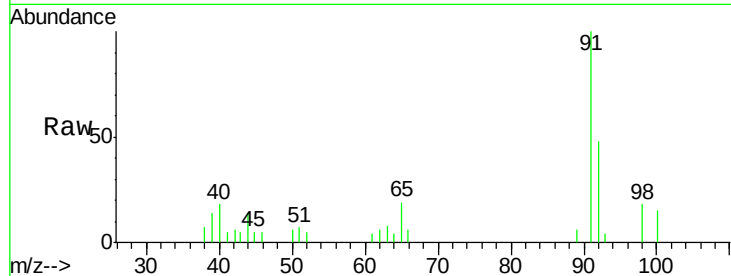
H4248

Tot Ion: 91 Resp: 5216

Ion Ratio Lower Upper

91 100

92 48.4 40.1 74.5

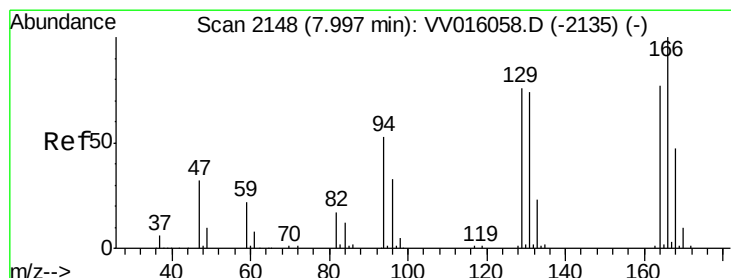
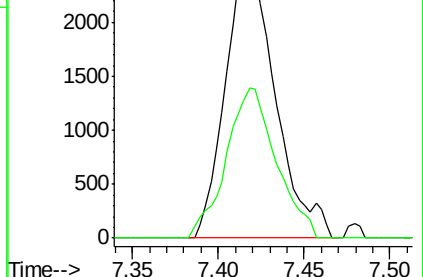
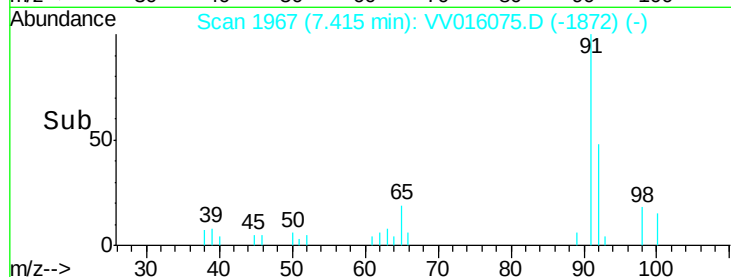


Abundance Ion 91.15 (90.85 to 91.85): VV016058.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV016058.D (-1951) (-)

7.42

Time-->



#49

Tetrachloroethene

Concen: 6.890 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016075.D

Acq: 14 May 2020 18:31

Tgt Ion: 164 Resp: 47655

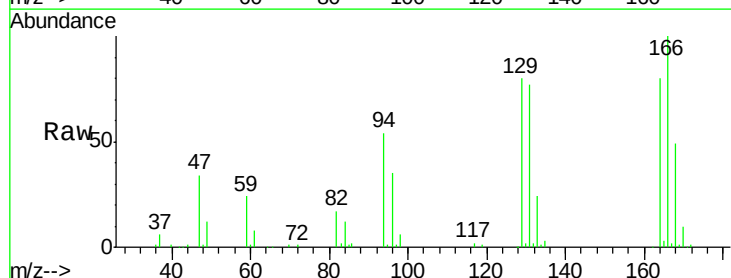
Ion Ratio Lower Upper

164 100

129 99.6 69.7 129.4

131 96.6 66.8 124.2

166 124.7 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV016058.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV016058.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV016058.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV016058.D (-2135) (-)

8.00

Time-->

