

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010099.D
 Acq On : 03 Apr 2019 18:56
 Operator : SY/MD
 Sample : K2148-06
 Misc : 5.42G/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G3RE

Quant Time: Apr 04 06:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197132	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51266	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	1.57	69	53258	16.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.00%
10) 1,1-Dichloroethene-d2	2.13	63	111578	16.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.04%
20) 2-Butanone-d5	3.93	46	49287	65.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.26%
24) Chloroform-d	4.40	84	105722	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.08	65	73435	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.72%
29) Benzene-d6	5.10	84	240636	26.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.68%
33) 1,2-Dichloropropane-d6	6.12	67	72458	26.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.80%
37) Toluene-d8	7.36	98	211461	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	7.66	79	25091	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	8.13	63	32575	59.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	76666	28.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	63983	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

Target Compounds

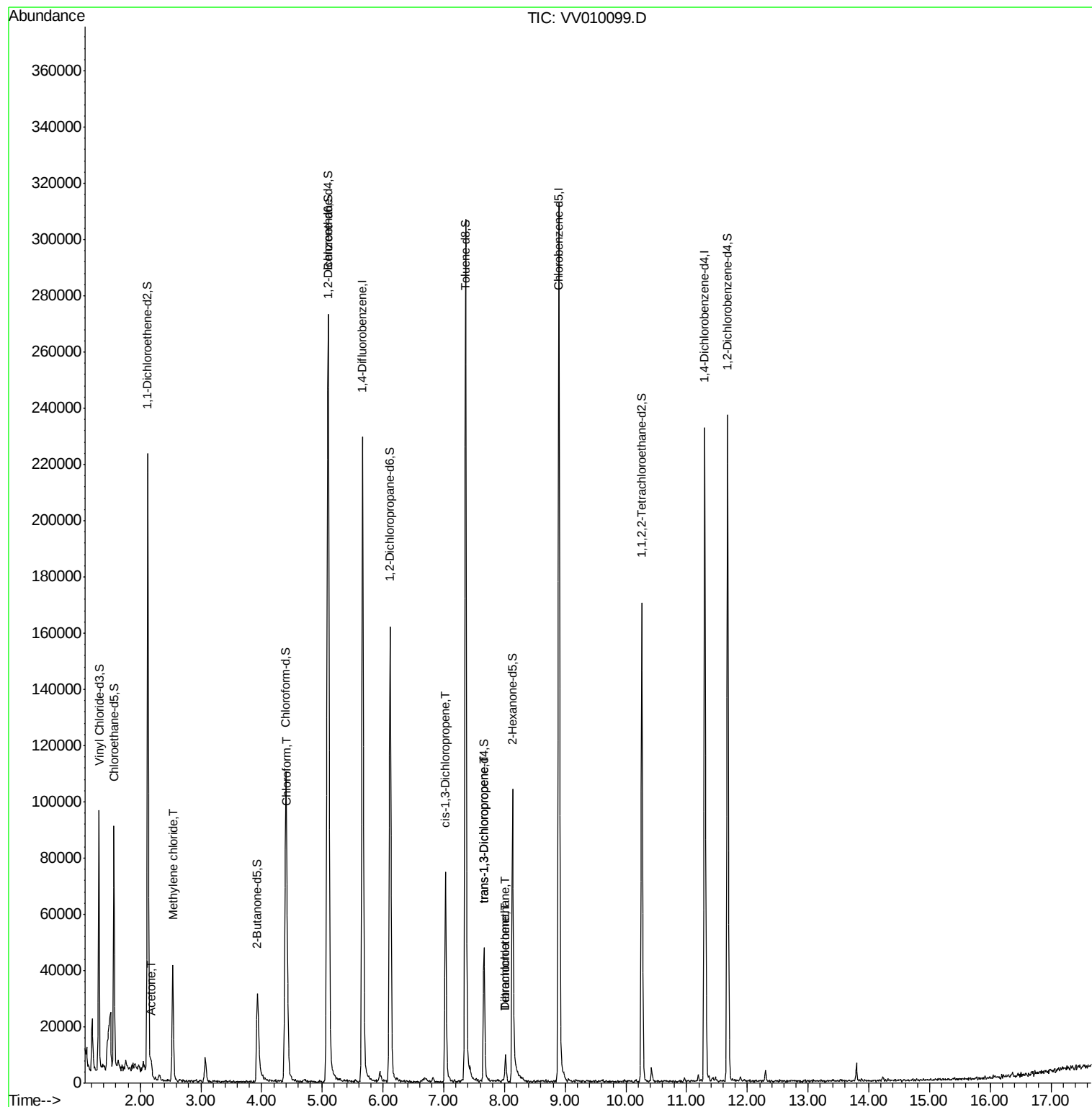
					Qvalue
13) Acetone	2.19	43	3093	4.166 ug/L	93
16) Methylene chloride	2.54	84	17185	4.962 ug/L	94
25) Chloroform	4.42	83	14173	3.162 ug/L	94
42) cis-1,3-Dichloropropene	7.03	75	2286	0.721 ug/L #	71
45) trans-1,3-Dichloropropene	7.67	75	1555	0.576 ug/L	96
47) Tetrachloroethene	8.02	164	1896	0.908 ug/L	89
50) Dibromochloromethane	8.02	129	1862	0.855 ug/L #	12

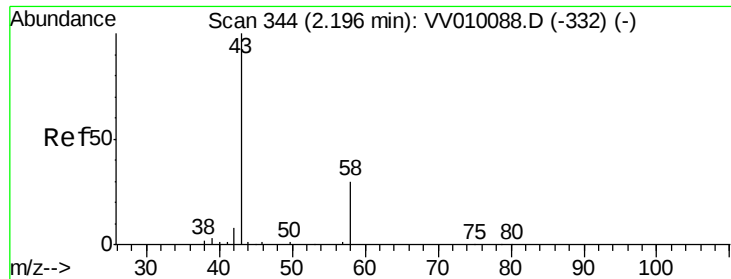
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 06:01:11 2019
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#13

Acetone

Concen: 4.166 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010099.D

Acq: 03 Apr 2019 18:56

Instrument :

MSVOA_V

ClientSampled :

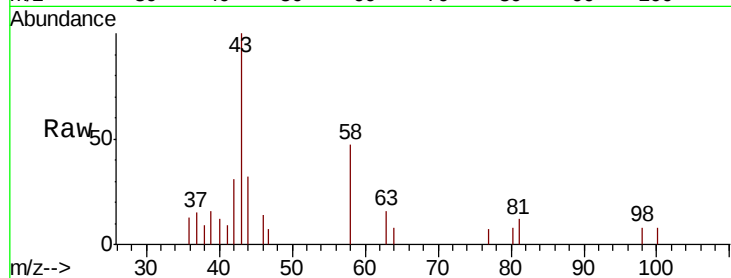
BF5G3RE

Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

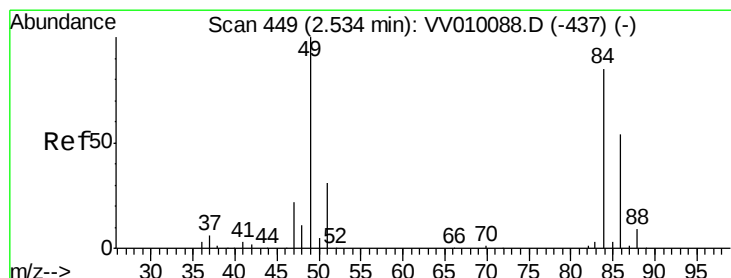
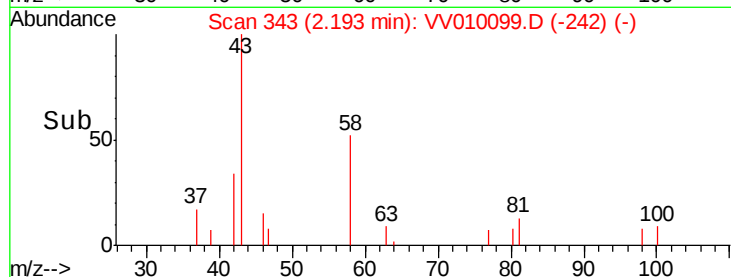
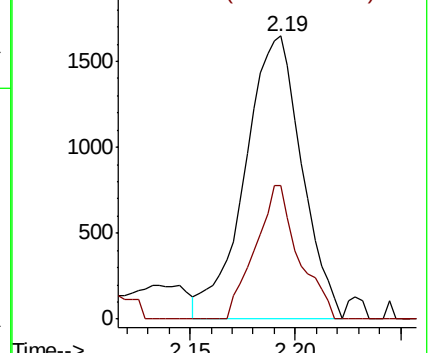
43 100

58 36.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010088.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010088.D (-332) (-)



#16

Methylene chloride

Concen: 4.962 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010099.D

Acq: 03 Apr 2019 18:56

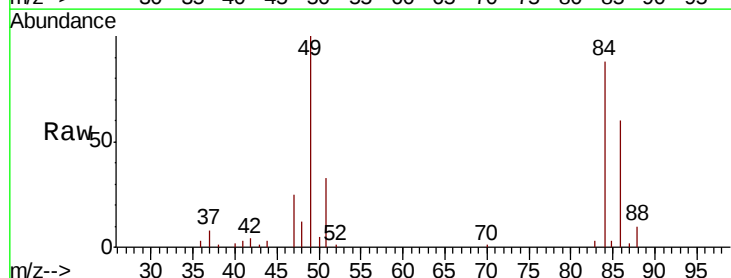
Tgt Ion: 84 Resp: 17185

Ion Ratio Lower Upper

84 100

49 113.5 84.3 156.5

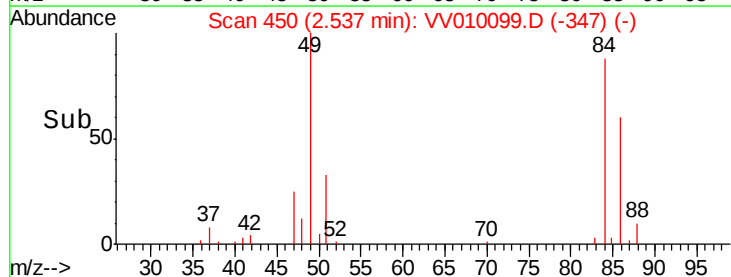
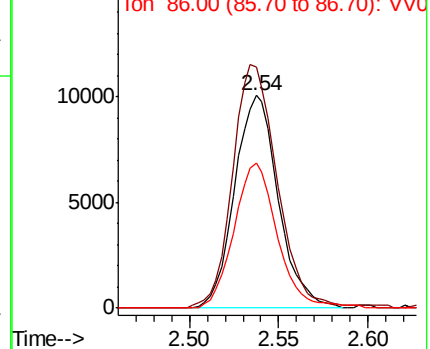
86 68.6 45.4 84.2

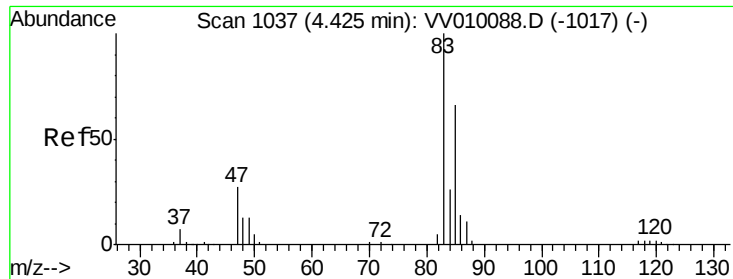


Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)

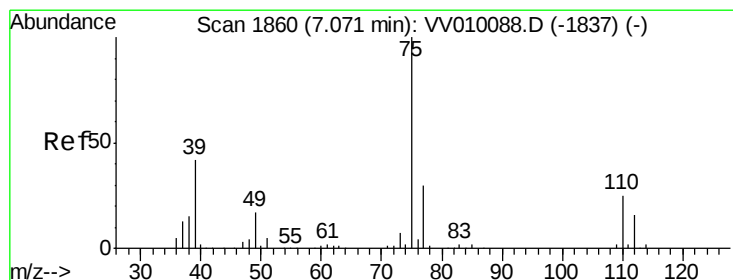
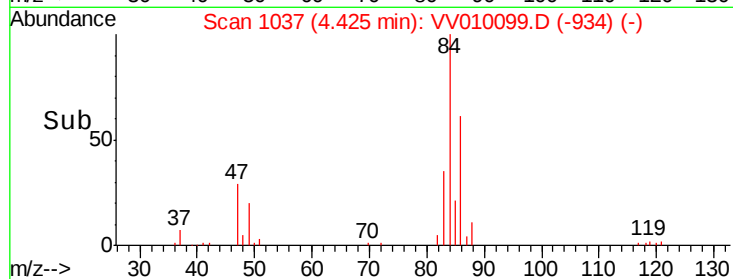
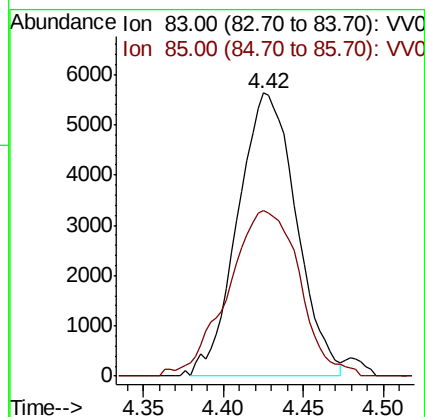
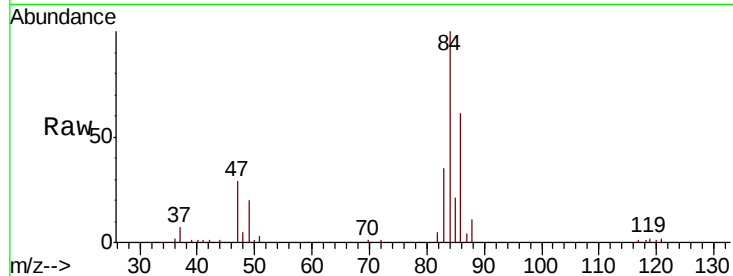




#25
Chloroform
Concen: 3.162 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010099.D
Acq: 03 Apr 2019 18:56

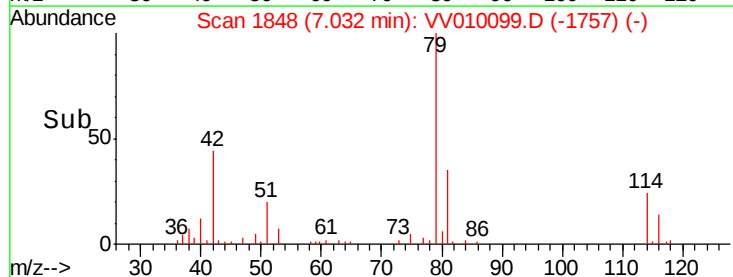
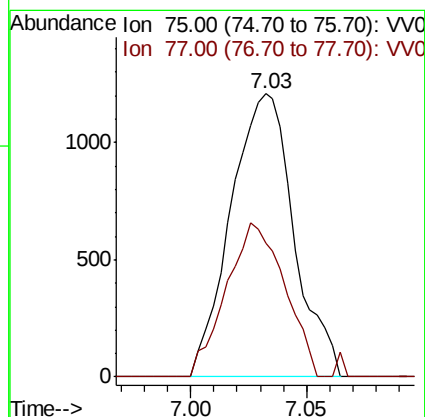
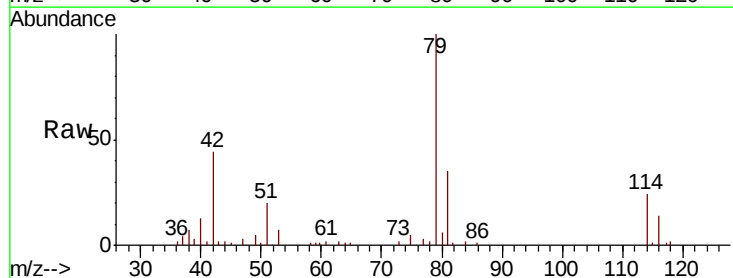
Instrument :
MSVOA_V
ClientSampleId :
BF5G3RE

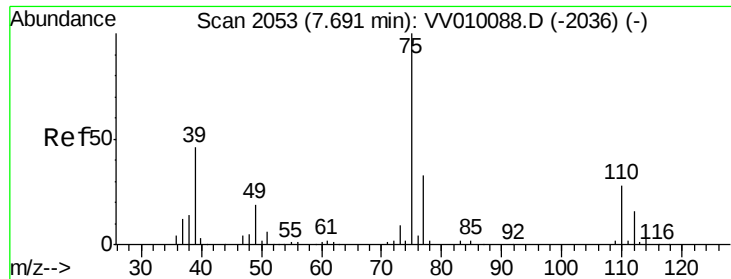
Tgt Ion: 83 Resp: 14173
Ion Ratio Lower Upper
83 100
85 70.9 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010099.D
Acq: 03 Apr 2019 18:56

Tgt Ion: 75 Resp: 2286
Ion Ratio Lower Upper
75 100
77 47.4 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010099.D

Acq: 03 Apr 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

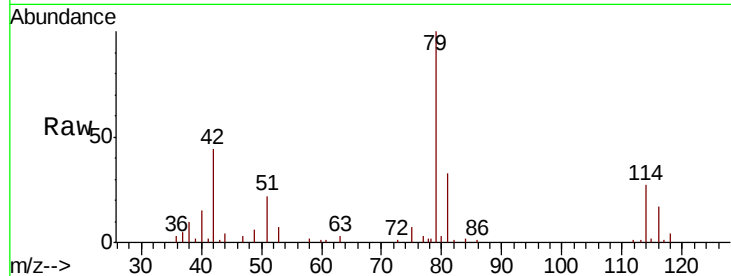
BF5G3RE

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 36.0 23.5 43.7

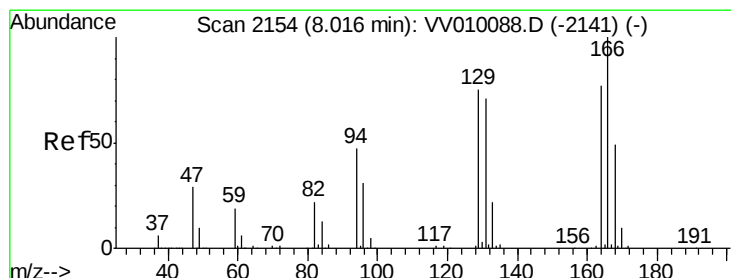
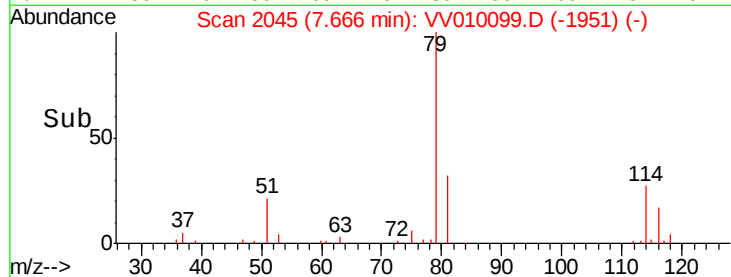


Abundance Ion 75.00 (74.70 to 75.70): VV010088.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV010088.D (-2036) (-)

Time-->

7.62 7.64 7.66 7.68 7.70



#47

Tetrachloroethene

Concen: 0.908 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010099.D

Acq: 03 Apr 2019 18:56

Tgt Ion: 164 Resp: 1896

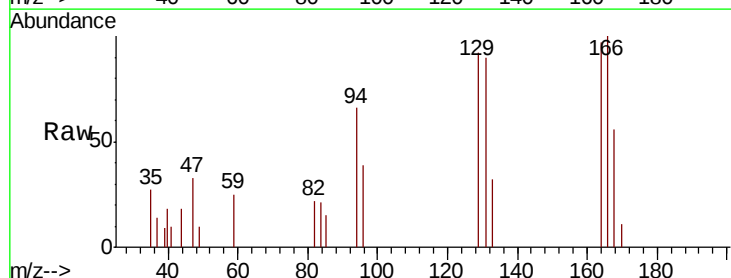
Ion Ratio Lower Upper

164 100

129 95.0 67.8 125.8

131 92.6 65.2 121.0

166 103.4 93.8 174.2



Abundance Ion 164.00 (163.70 to 164.70): VV010088.D (-2141) (-)

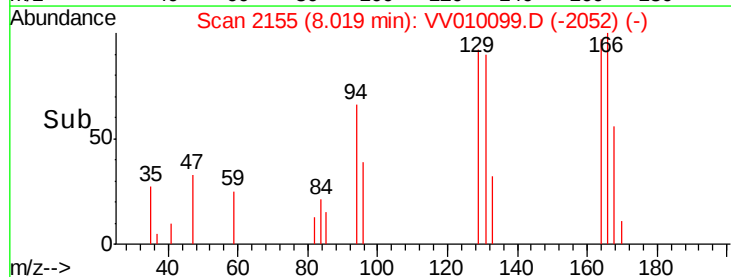
Ion 129.00 (128.70 to 129.70): VV010088.D (-2141) (-)

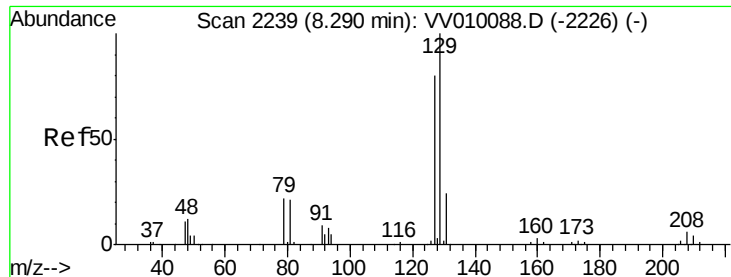
Ion 131.00 (130.70 to 131.70): VV010088.D (-2141) (-)

Ion 166.00 (165.70 to 166.70): VV010088.D (-2141) (-)

Time-->

8.00 8.02 8.04 8.06

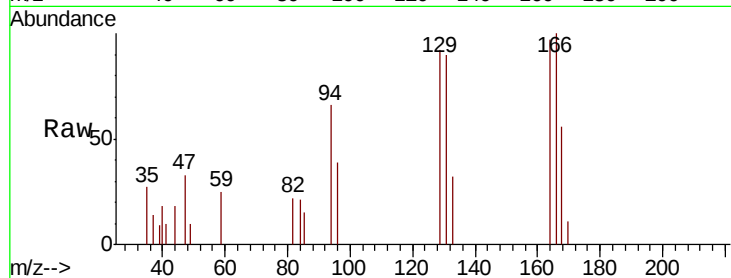




#50
 Dibromochloromethane
 Concen: 0.855 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV010099.D
 Acq: 03 Apr 2019 18:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G3RE

Tgt Ion:129 Resp: 1862
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.1 96.7#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

