

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010098.D
 Acq On : 03 Apr 2019 18:30
 Operator : SY/MD
 Sample : K2148-01
 Misc : 5.33G/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F4

Quant Time: Apr 04 06:06:22 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	5.66	114	233852	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55783	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	1.57	69	74344	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.48%
10) 1,1-Dichloroethene-d2	2.13	63	118418	14.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.96%
20) 2-Butanone-d5	3.94	46	46304	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
24) Chloroform-d	4.40	84	117561	19.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.08	65	73708	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	5.10	84	242344	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	6.11	67	72593	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	7.36	98	213873	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	7.66	79	25601	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.08%
39) 2-Hexanone-d5	8.14	63	33032	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72713	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	67865	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds

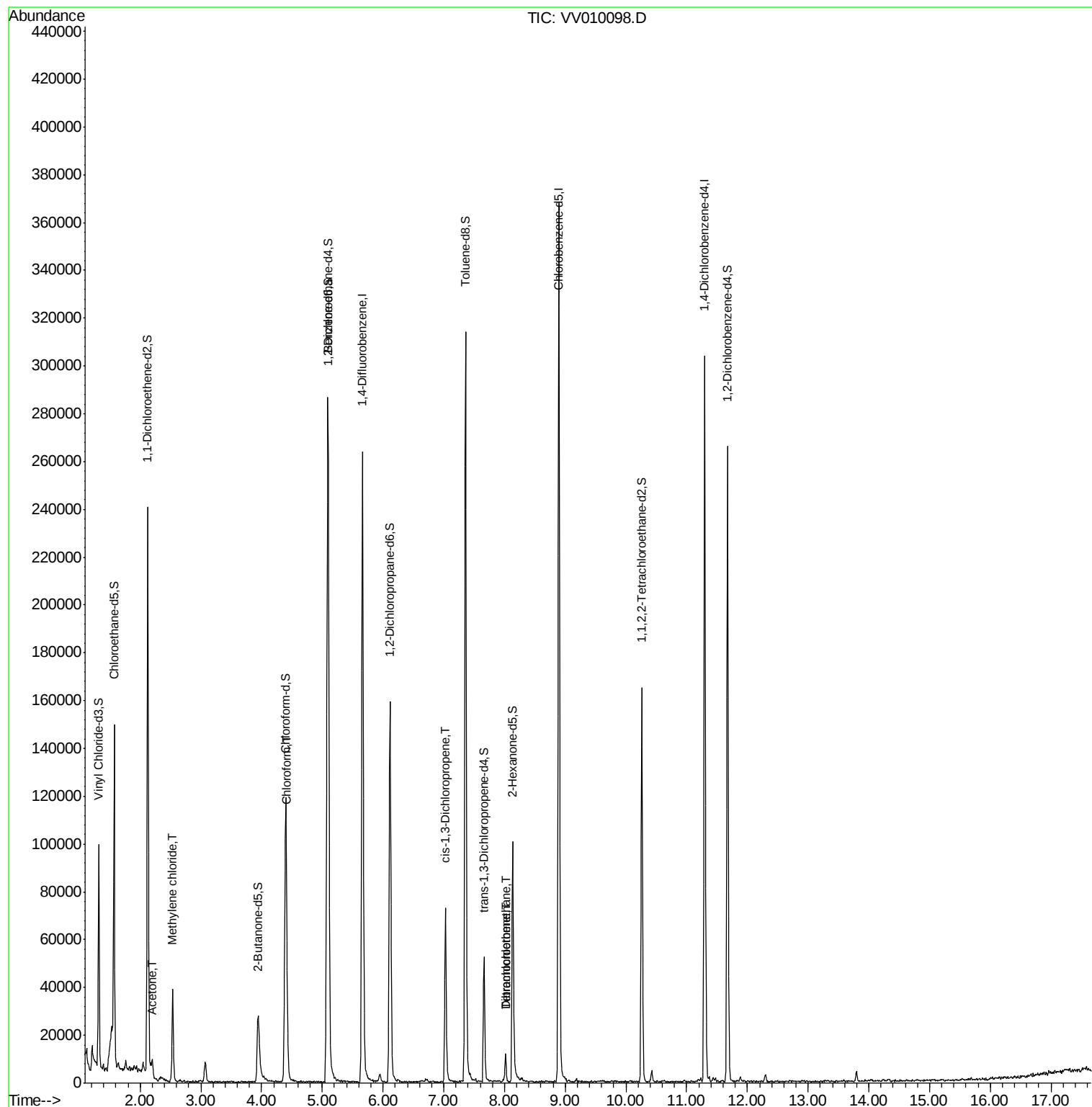
					Qvalue
13) Acetone	2.20	43	8038	9.126 ug/L	96
16) Methylene chloride	2.53	84	15044	3.662 ug/L	94
25) Chloroform	4.42	83	4101	0.771 ug/L	83
42) cis-1,3-Dichloropropene	7.03	75	2083	0.566 ug/L #	49
47) Tetrachloroethene	8.02	164	1981	0.817 ug/L	81
50) Dibromochloromethane	8.02	129	2089	0.827 ug/L #	12

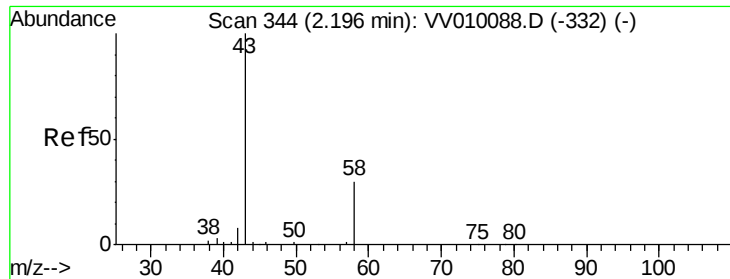
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.126 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV010098.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_V

ClientSampled :

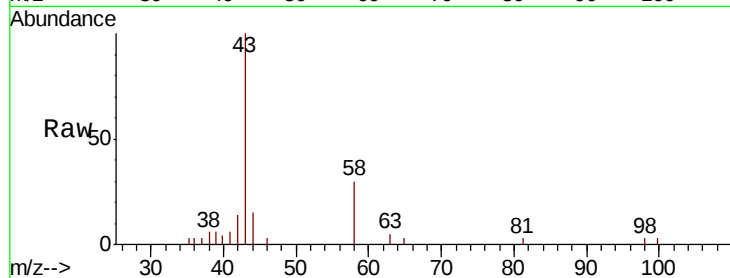
BF5F4

Tgt Ion: 43 Resp: 8038

Ion Ratio Lower Upper

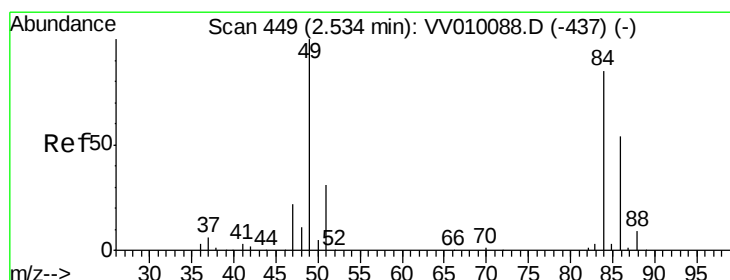
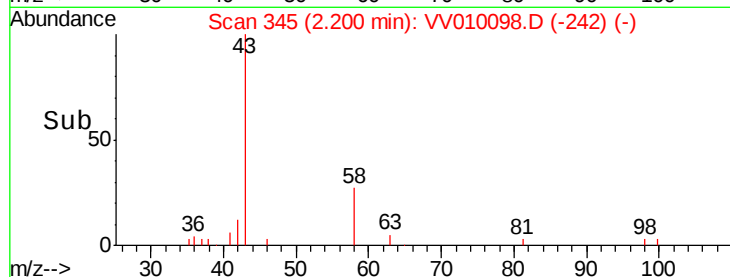
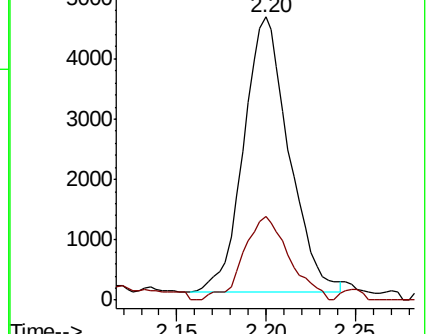
43 100

58 29.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010098.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV010098.D (-345) (-)



#16

Methylene chloride

Concen: 3.662 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010098.D

Acq: 03 Apr 2019 18:30

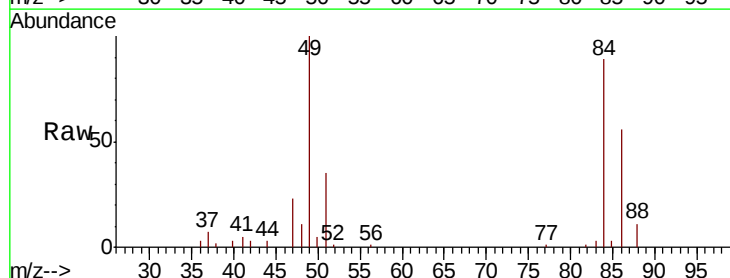
Tgt Ion: 84 Resp: 15044

Ion Ratio Lower Upper

84 100

49 112.2 84.3 156.5

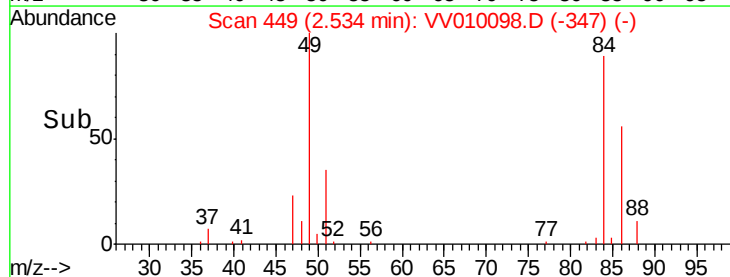
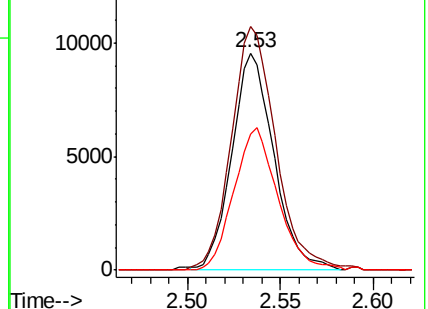
86 62.7 45.4 84.2

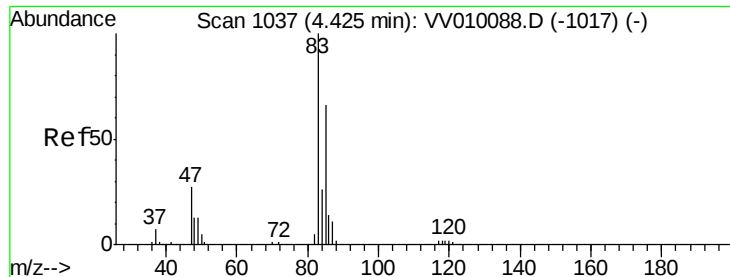


Abundance Ion 84.00 (83.70 to 84.70): VV010098.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV010098.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV010098.D (-449) (-)

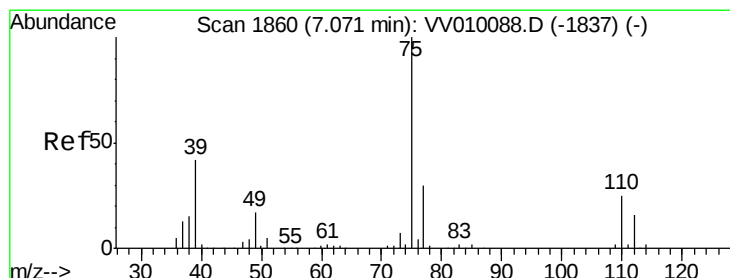
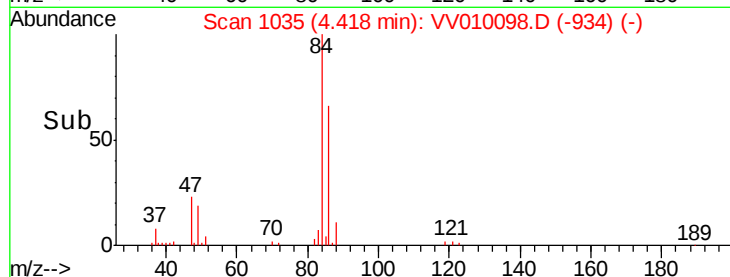
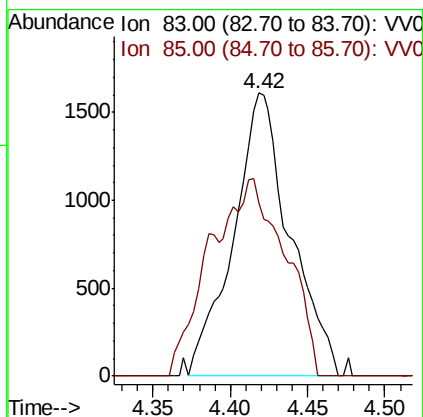
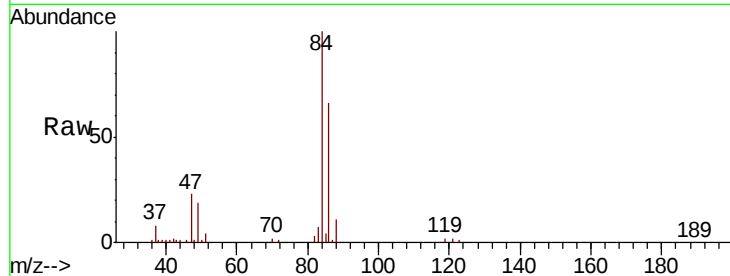




#25
Chloroform
Concen: 0.771 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010098.D
Acq: 03 Apr 2019 18:30

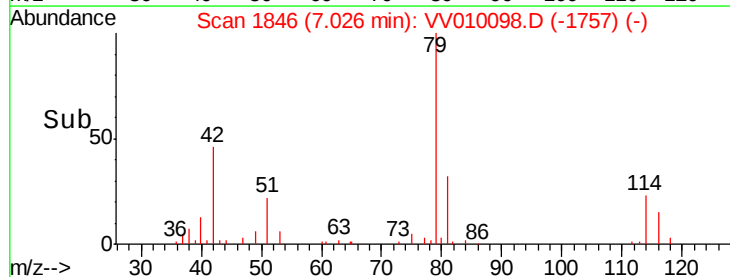
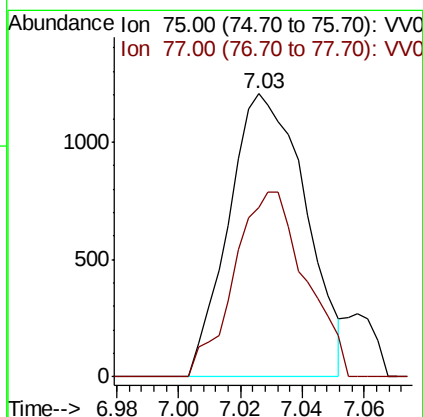
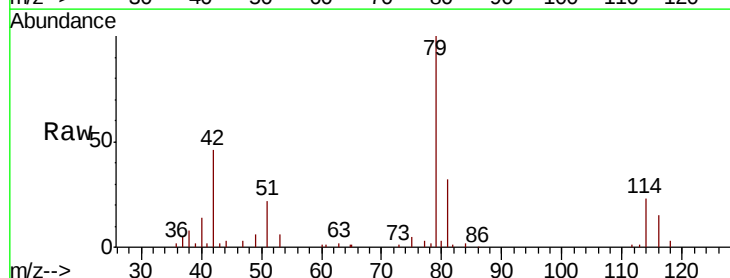
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MSVOA_V
ClientSampleId :
BF5F4

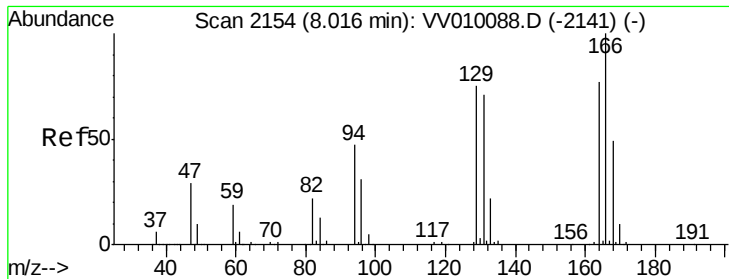
Tgt Ion: 83 Resp: 4101
Ion Ratio Lower Upper
83 100
85 52.8 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010098.D
Acq: 03 Apr 2019 18:30

Tgt Ion: 75 Resp: 2083
Ion Ratio Lower Upper
75 100
77 60.0 22.1 41.1#





#47

Tetrachloroethene

Concen: 0.817 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010098.D

Acq: 03 Apr 2019 18:30

Instrument :

MSVOA_V

ClientSampleId :

BF5F4

Tgt Ion:164 Resp: 1981

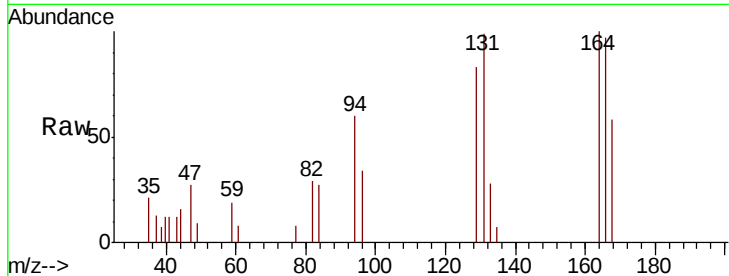
Ion Ratio Lower Upper

164 100

129 83.3 67.8 125.8

131 98.8 65.2 121.0

166 97.0 93.8 174.2

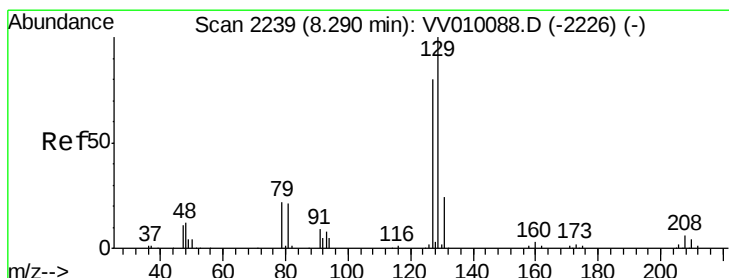
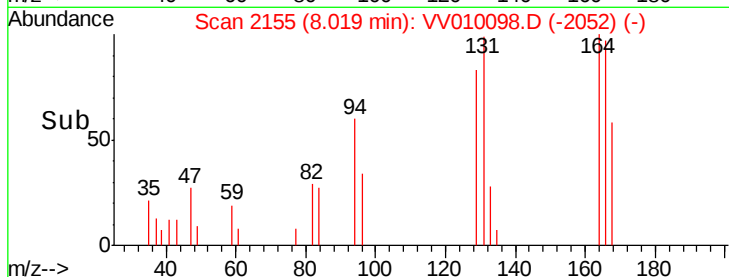
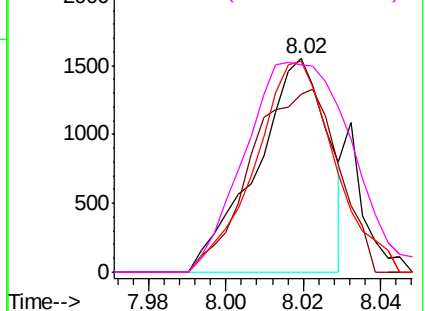


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.827 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV010098.D

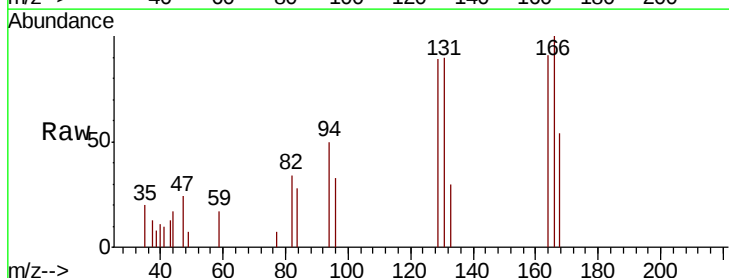
Acq: 03 Apr 2019 18:30

Tgt Ion:129 Resp: 2089

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

