

Data File : VV009566.D
Acq On : 10 Mar 2019 14:54
Operator : SY/MD
Sample : K1789-16
Misc : 5.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0P9

Quant Time: Mar 11 04:51:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27876	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	1.57	69	29389	12.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.04%
10) 1,1-Dichloroethene-d2	2.13	63	64414	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	3.94	46	26408	48.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.32%
24) Chloroform-d	4.40	84	61487	19.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	5.08	65	43872	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
29) Benzene-d6	5.10	84	144218	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	6.12	67	44681	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	7.36	98	139094	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	7.66	79	18413	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	19044	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46362	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	48467	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

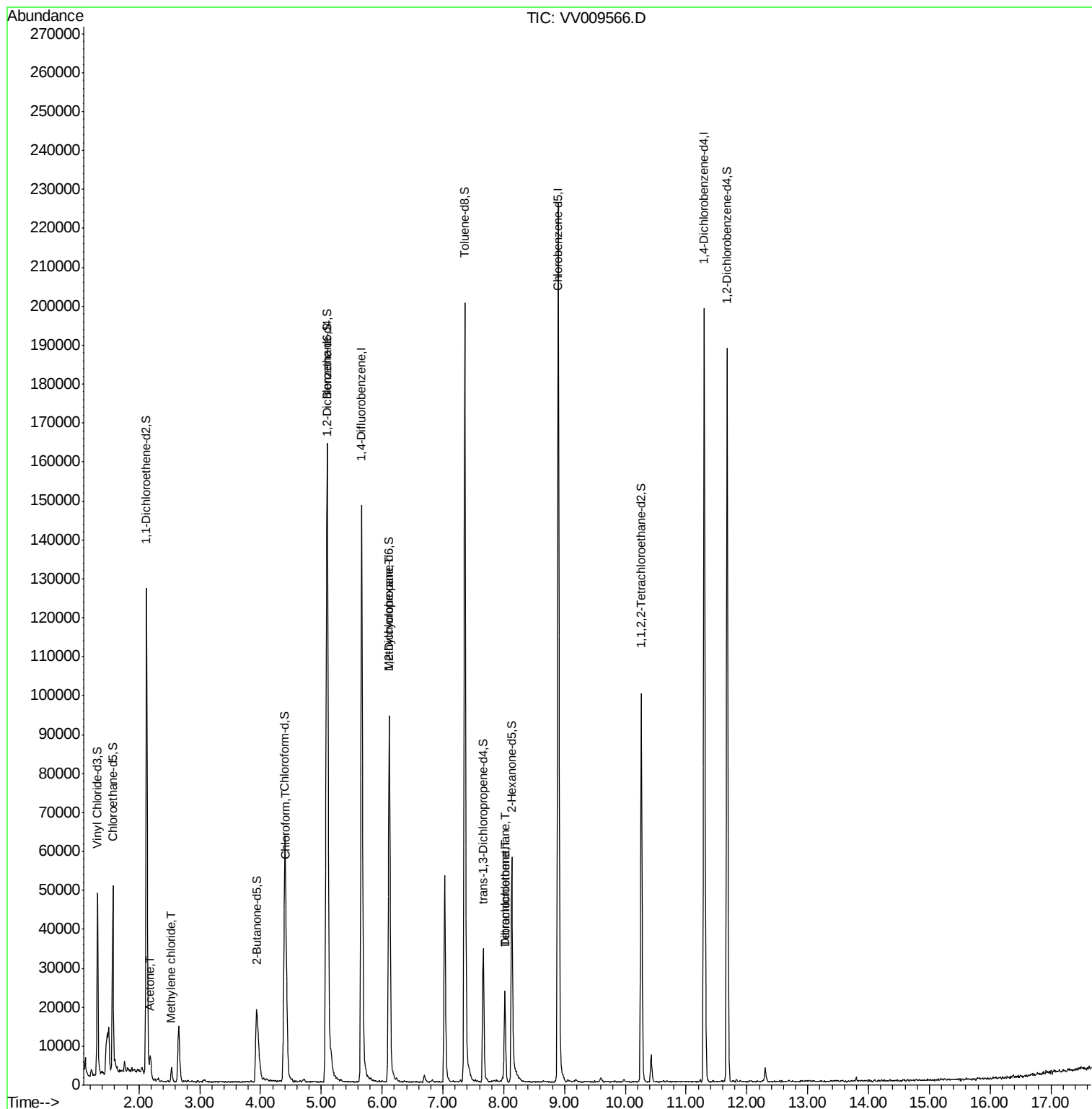
					Qvalue
13) Acetone	2.19	43	5100	9.244 ug/L	98
16) Methylene chloride	2.54	84	1575	0.907 ug/L	92
25) Chloroform	4.43	83	13485	4.341 ug/L	93
36) Methylcyclohexane	6.12	83	10613	3.424 ug/L #	20
47) Tetrachloroethene	8.02	164	4963	3.439 ug/L	98
50) Dibromochloromethane	8.02	129	5061	2.948 ug/L #	11

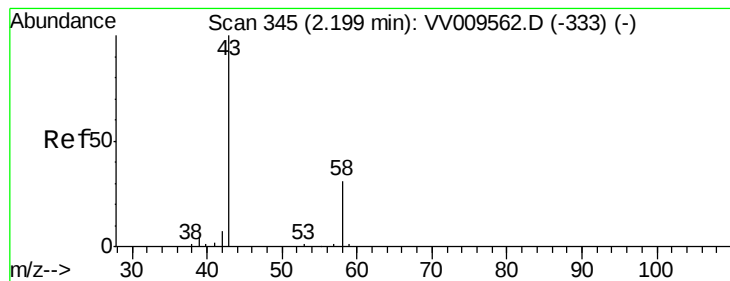
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.244 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV009566.D

Acq: 10 Mar 2019 14:54

Instrument :

MSVOA_V

ClientSampled :

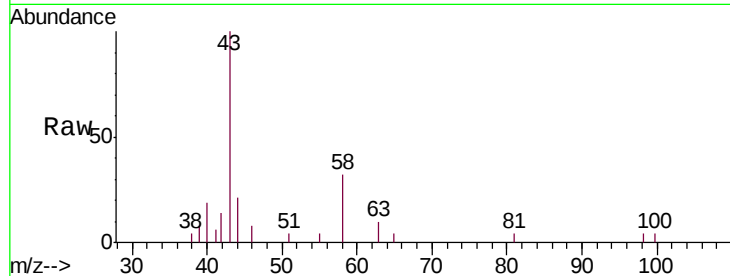
BF0P9

Tgt Ion: 43 Resp: 5100

Ion Ratio Lower Upper

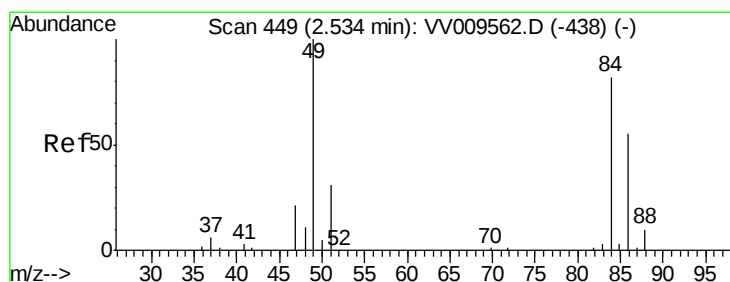
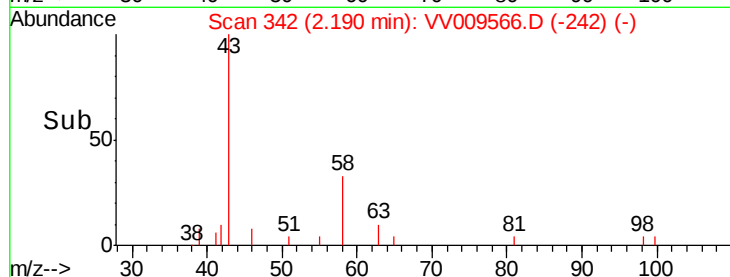
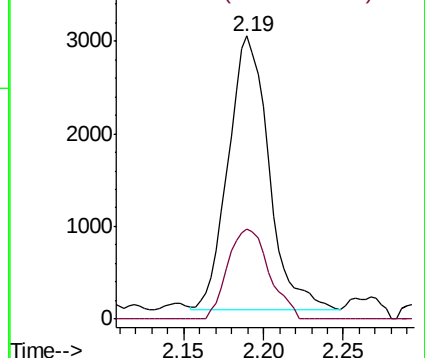
43 100

58 33.5 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009566.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV009566.D (-342) (-)



#16

Methylene chloride

Concen: 0.907 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009566.D

Acq: 10 Mar 2019 14:54

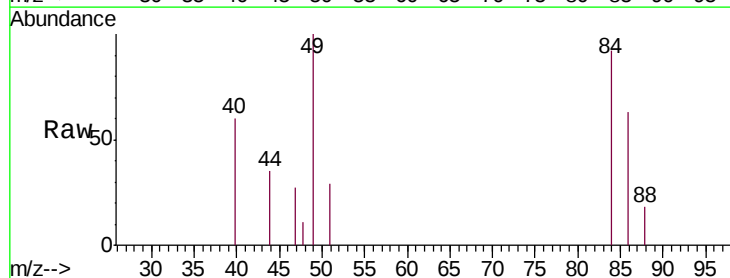
Tgt Ion: 84 Resp: 1575

Ion Ratio Lower Upper

84 100

49 108.1 84.6 157.0

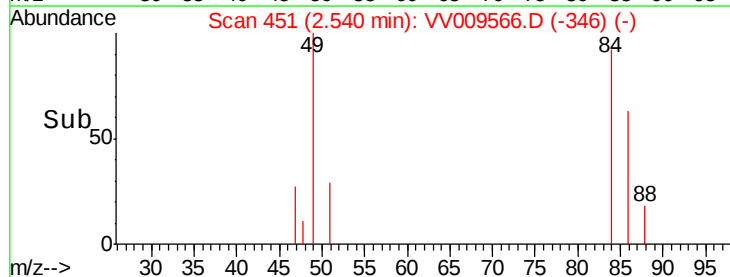
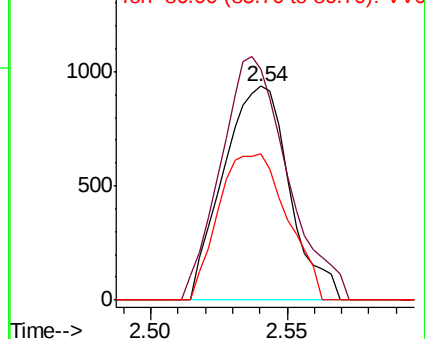
86 68.2 46.1 85.7

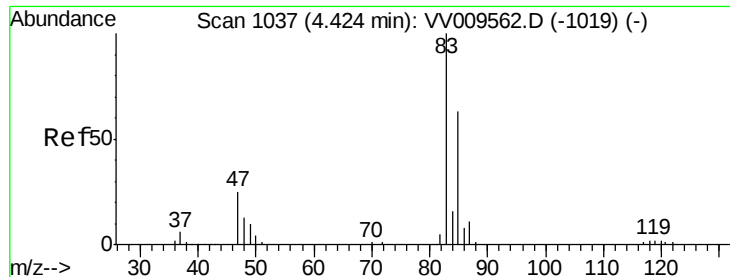


Abundance Ion 84.00 (83.70 to 84.70): VV009566.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009566.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009566.D (-346) (-)

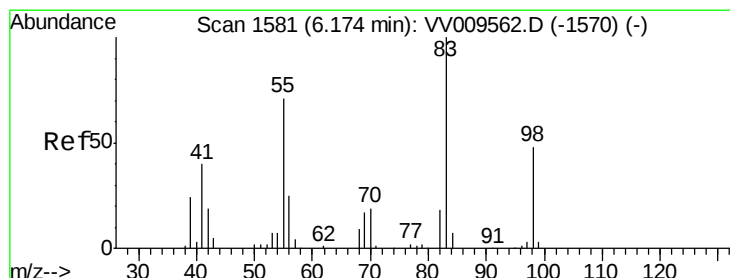
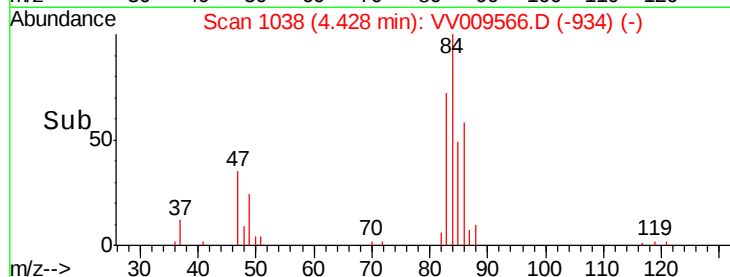
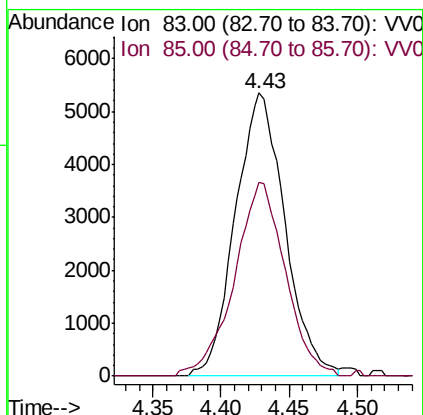
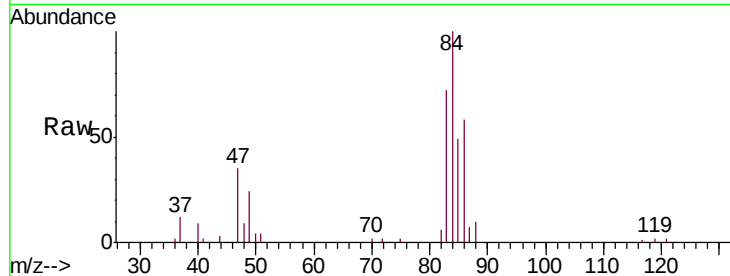




#25
Chloroform
Concen: 4.341 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009566.D
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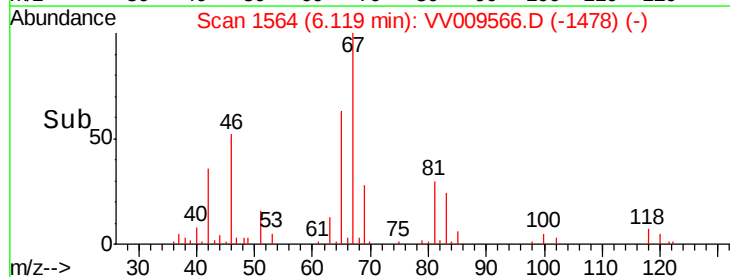
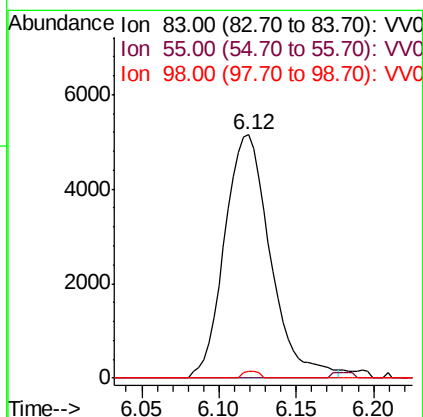
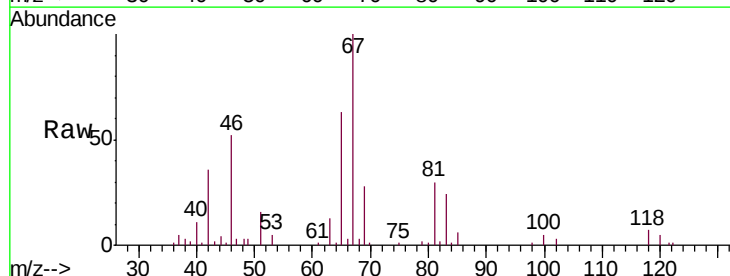
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MSVOA_V
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BF0P9

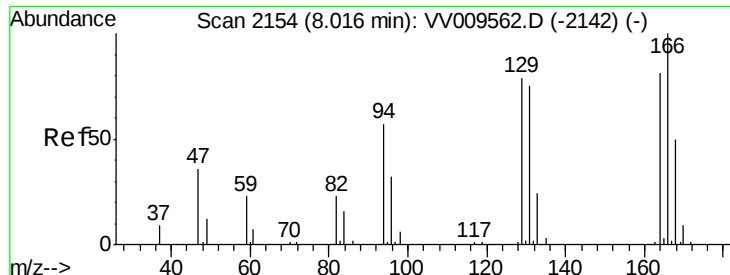
Tgt Ion: 83 Resp: 13485
Ion Ratio Lower Upper
83 100
85 70.3 45.4 84.2



#36
Methylcyclohexane
Concen: 3.424 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009566.D
Acq: 10 Mar 2019 14:54

Tgt Ion: 83 Resp: 10613
Ion Ratio Lower Upper
83 100
55 0.5 58.8 88.2#
98 0.9 37.7 56.5#





#47

Tetrachloroethene

Concen: 3.439 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009566.D

Acq: 10 Mar 2019 14:54

Instrument :

MSVOA_V

ClientSampleId :

BF0P9

Tgt Ion:164 Resp: 4963

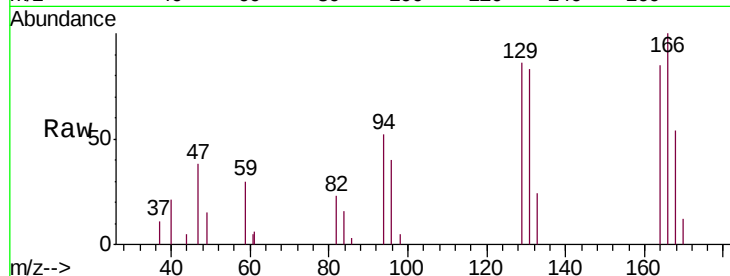
Ion Ratio Lower Upper

164 100

129 100.2 67.7 125.7

131 97.3 67.5 125.3

166 117.1 81.6 151.6

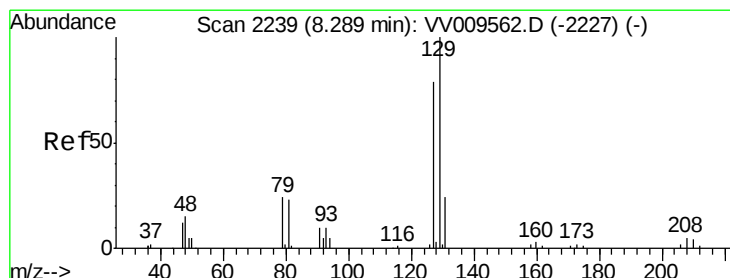
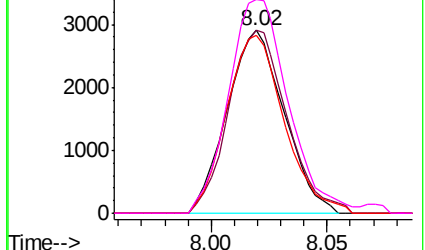
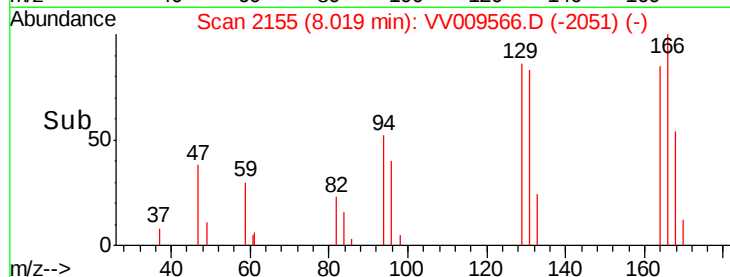


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.948 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009566.D

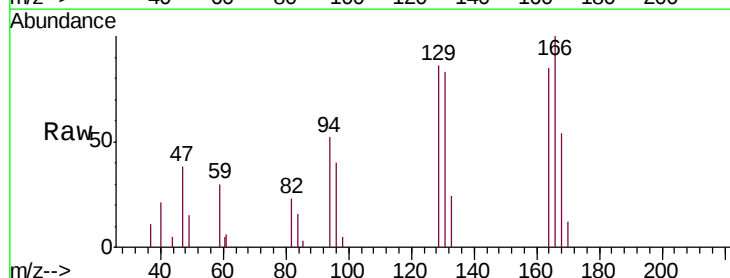
Acq: 10 Mar 2019 14:54

Tgt Ion:129 Resp: 5061

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

