

Data File : VV010012.D
Acq On : 29 Mar 2019 19:58
Operator : SY/MD
Sample : K2167-06
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1J6

Quant Time: Mar 30 04:18:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166344	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66918	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.28%
7) Chloroethane-d5	1.57	69	76117	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
10) 1,1-Dichloroethene-d2	2.13	63	153328	16.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.44%
20) 2-Butanone-d5	3.93	46	26661	42.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.76%
24) Chloroform-d	4.40	84	73986	17.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.84%
26) 1,2-Dichloroethane-d4	5.08	65	58827	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	5.10	84	192123	22.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.48%
33) 1,2-Dichloropropane-d6	6.12	67	59494	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.76%
37) Toluene-d8	7.36	98	168748	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	7.66	79	19451	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	8.13	63	19289	41.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48361	19.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	56933	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

Target Compounds

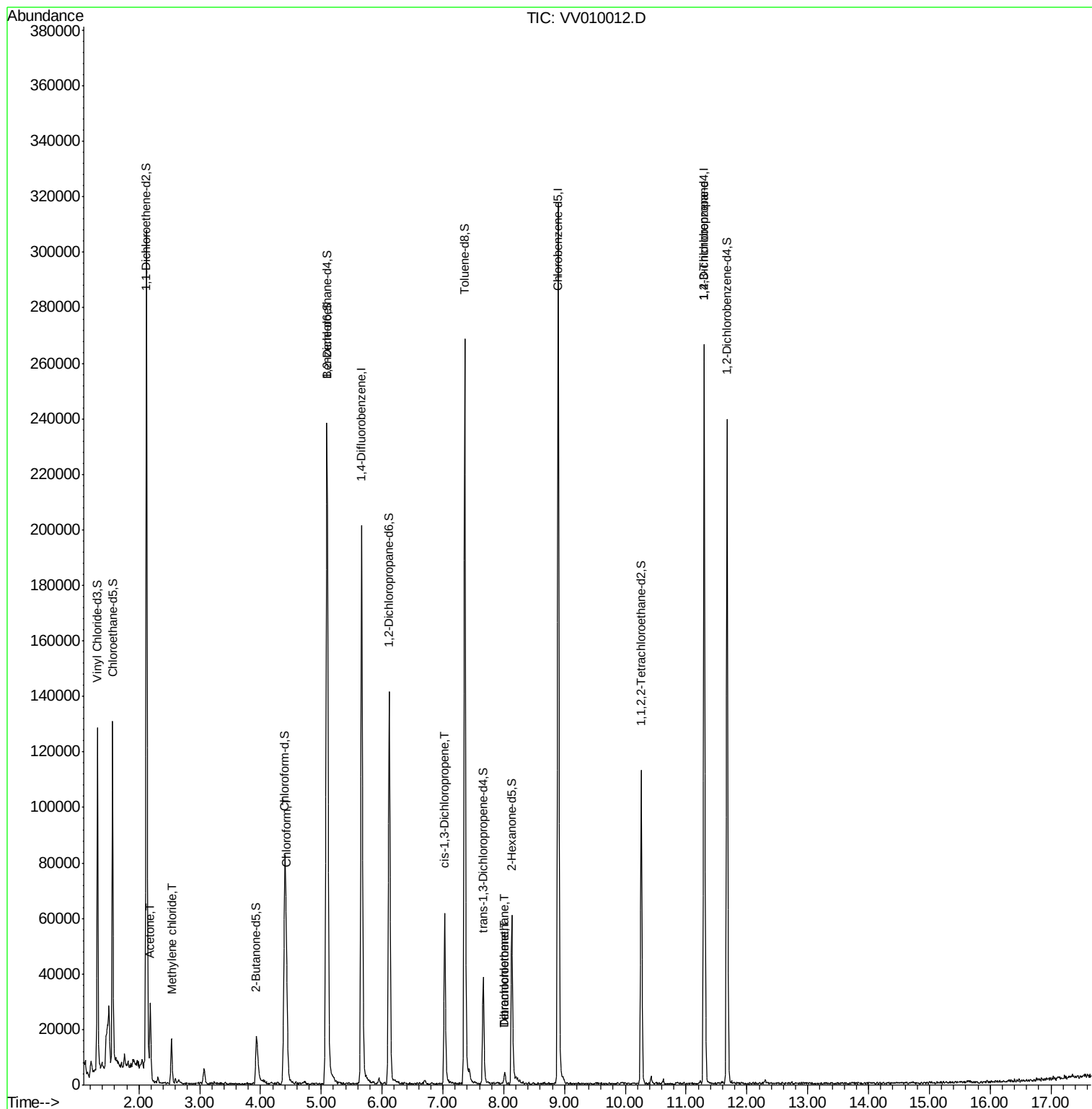
					Qvalue
13) Acetone	2.19	43	17531	18.408 ug/L	94
16) Methylene chloride	2.54	84	5875	2.145 ug/L	96
25) Chloroform	4.43	83	26621	6.040 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	1423	0.440 ug/L #	75
47) Tetrachloroethene	8.02	164	660	0.357 ug/L #	72
50) Dibromochloromethane	8.02	129	778	0.409 ug/L #	8
59) 1,2,3-Trichloropropane	11.29	75	9878	5.533 ug/L	89

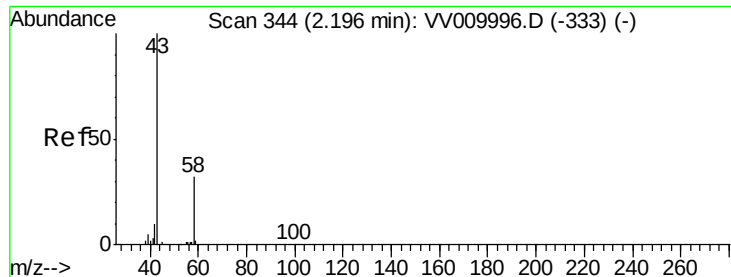
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.408 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

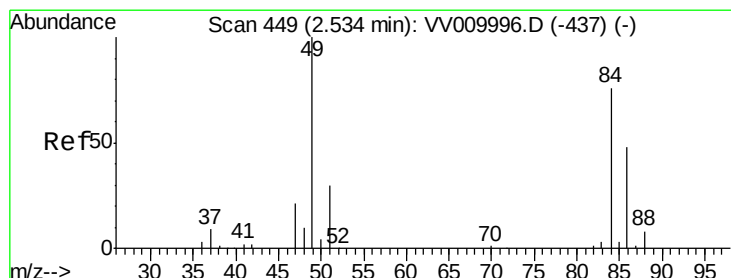
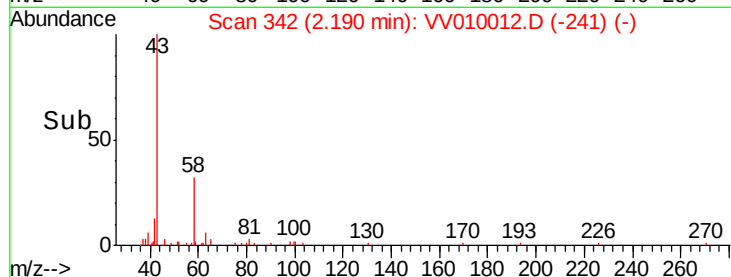
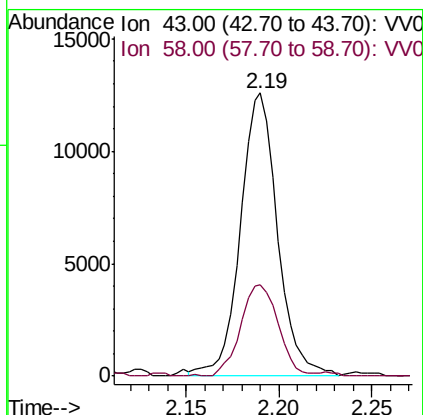
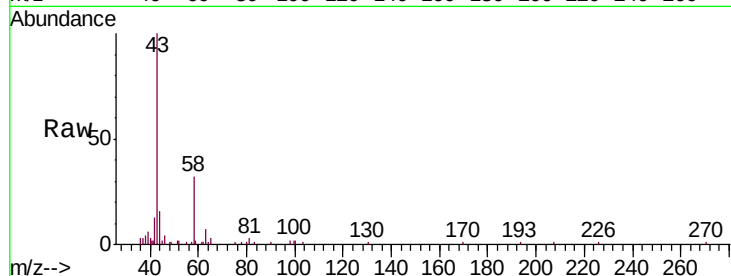
BF1J6

Tgt Ion: 43 Resp: 17531

Ion Ratio Lower Upper

43 100

58 32.8 0.0 59.4



#16

Methylene chloride

Concen: 2.145 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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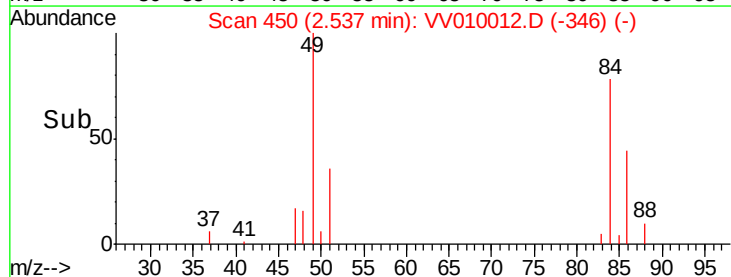
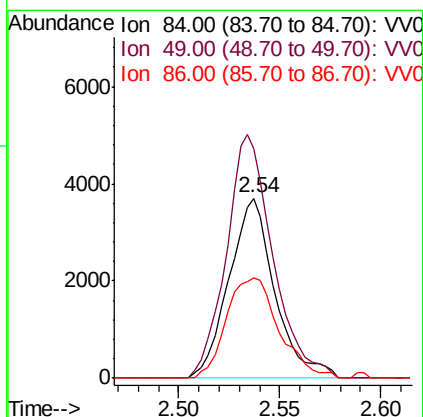
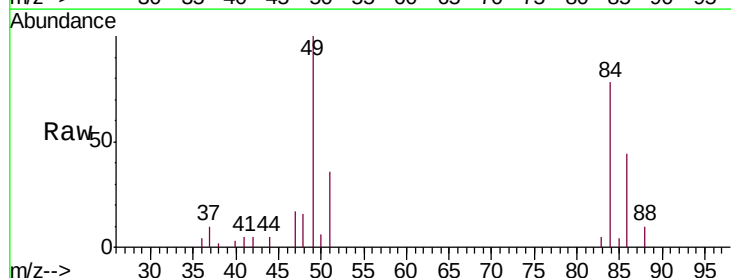
Tgt Ion: 84 Resp: 5875

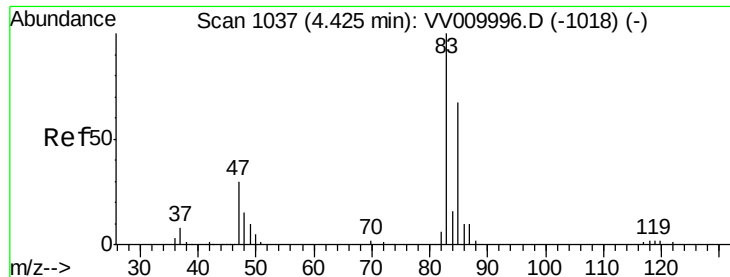
Ion Ratio Lower Upper

84 100

49 127.9 90.4 167.8

86 55.9 44.0 81.6

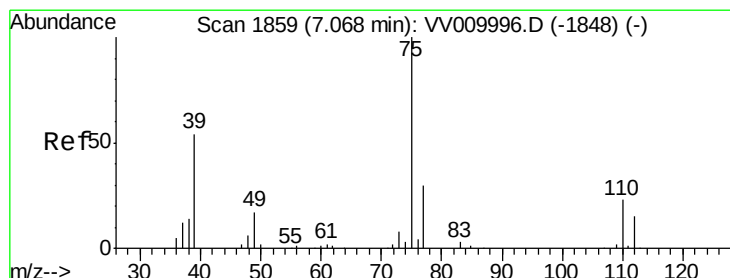
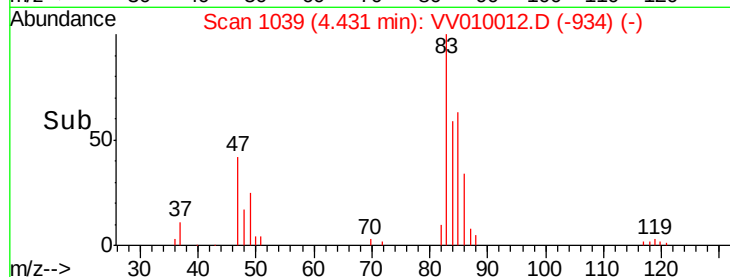
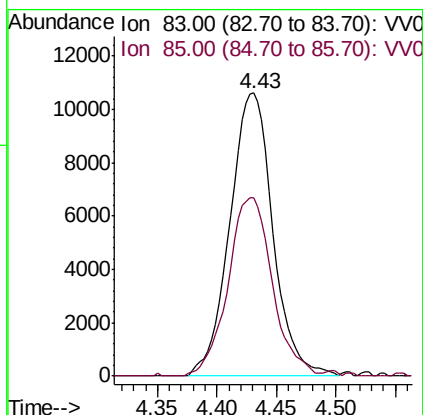
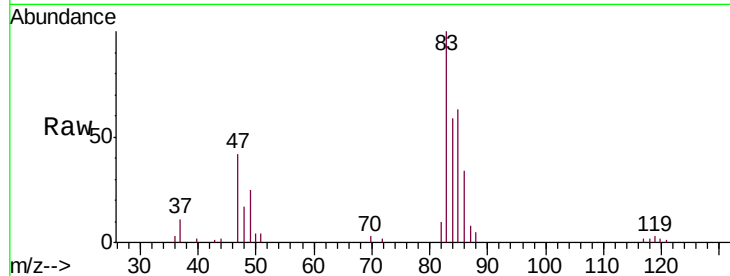




#25
Chloroform
Concen: 6.040 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010012.D
Acq: 29 Mar 2019 19:58

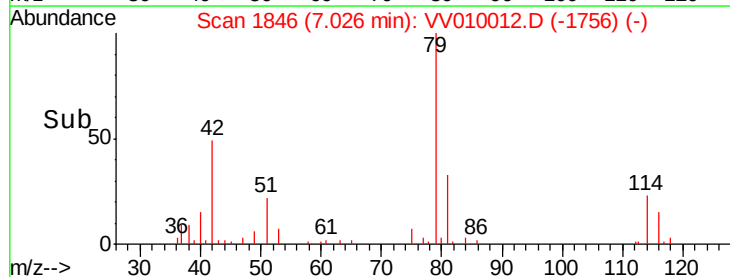
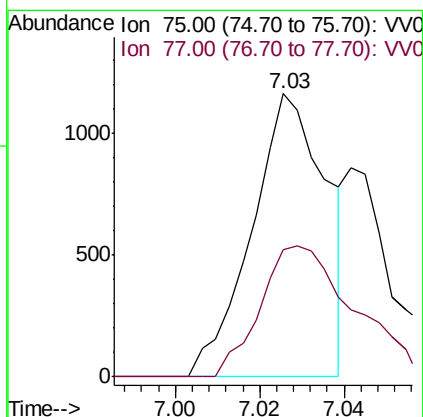
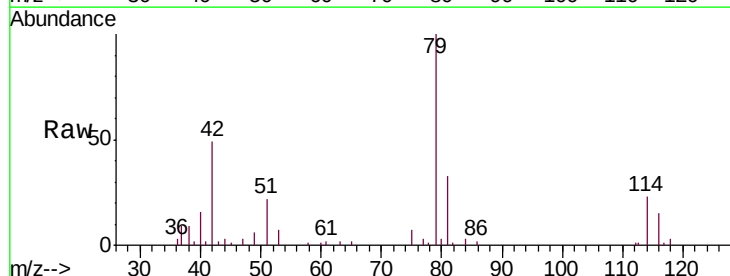
Instrument :
MSVOA_V
ClientSampled :
BF1J6

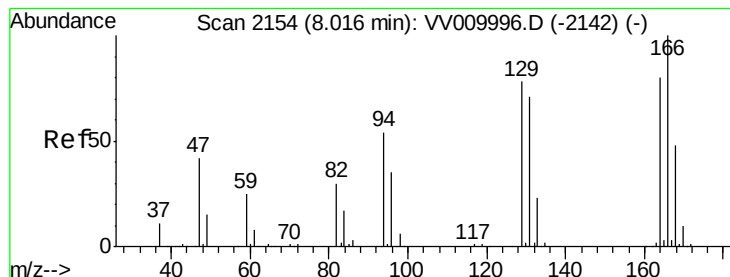
Tgt Ion: 83 Resp: 26621
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.440 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010012.D
Acq: 29 Mar 2019 19:58

Tgt Ion: 75 Resp: 1423
Ion Ratio Lower Upper
75 100
77 44.9 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010012.D

Acq: 29 Mar 2019 19:58

Instrument :

MSVOA_V

ClientSampleId :

BF1J6

Tgt Ion:164 Resp: 660

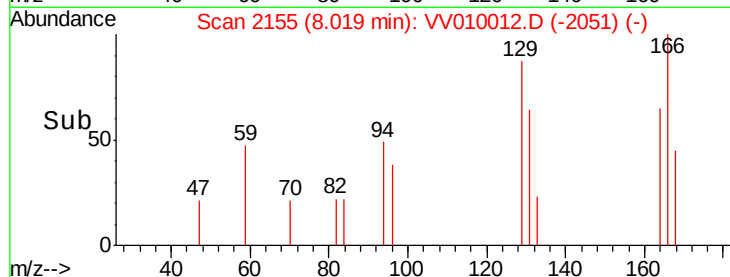
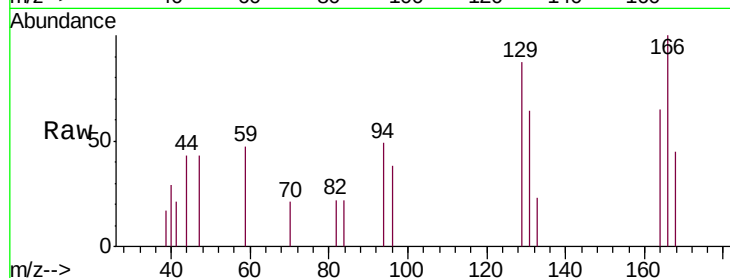
Ion Ratio Lower Upper

164 100

129 133.2 64.9 120.5#

131 97.7 62.0 115.2

166 152.8 82.9 153.9

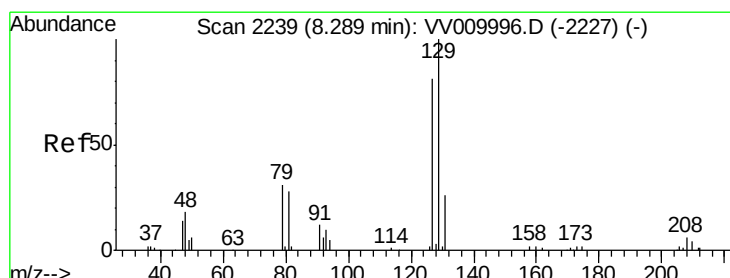
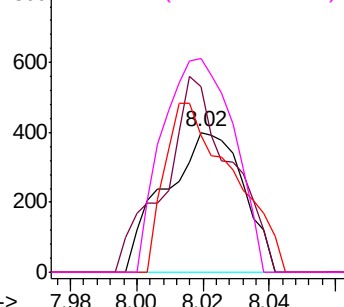


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.409 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010012.D

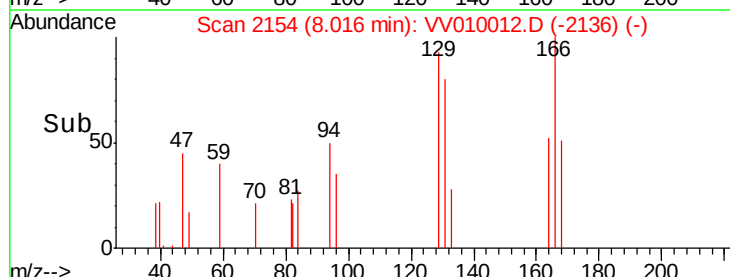
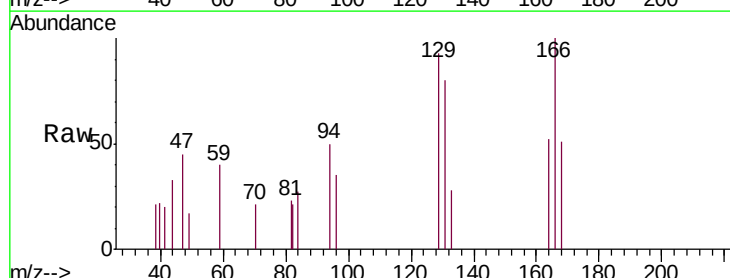
Acq: 29 Mar 2019 19:58

Tgt Ion:129 Resp: 778

Ion Ratio Lower Upper

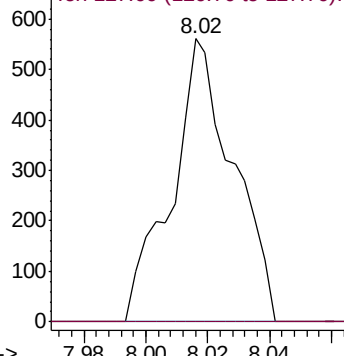
129 100

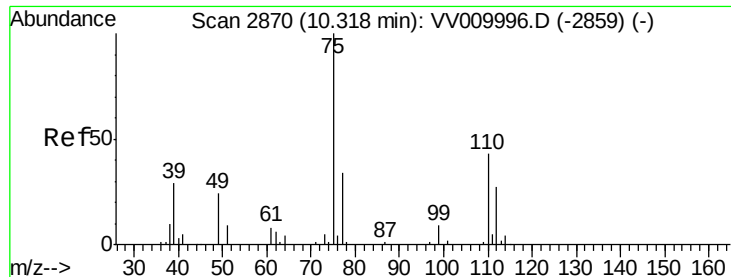
127 0.0 57.9 107.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.533 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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ClientSampleId :

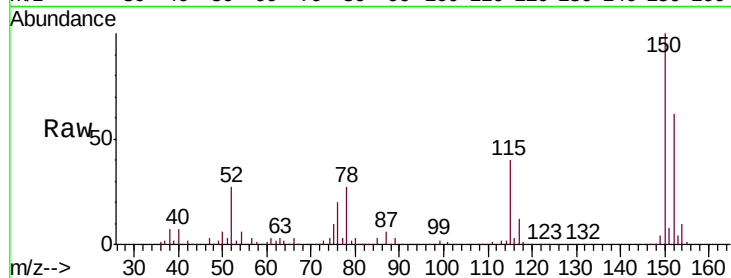
BF1J6

Tgt Ion: 75 Resp: 9878

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

