

Data File : VW014029.D
Acq On : 14 Nov 2019 18:58
Operator : SY/VA
Sample : K5810-04
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLY3

Quant Time: Nov 15 01:50:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363649	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	178416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108386	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.89	69	93407	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	4.01	63	172376	14.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.92%
20) 2-Butanone-d5	7.07	46	85148	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.04%
24) Chloroform-d	7.65	84	259945	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.31	65	143454	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	551577	22.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.60%
33) 1,2-Dichloropropane-d6	9.27	67	167818	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.32	98	500499	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.76%
38) trans-1,3-Dichloropropene-	10.57	79	67115	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.92	63	68520	49.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137181	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	165240	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

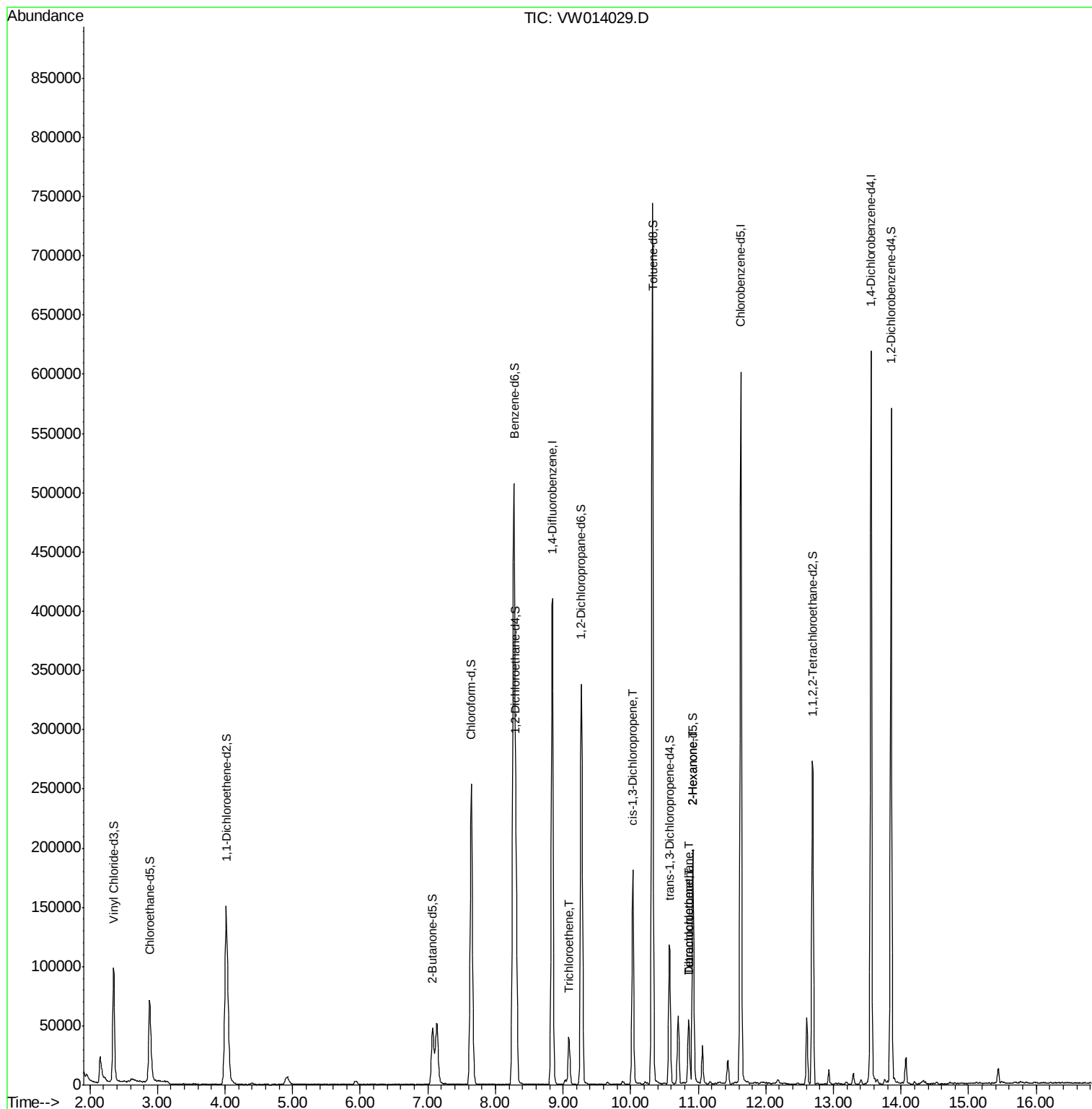
					Qvalue
35) Trichloroethene	9.09	95	13367	1.946 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	3935	0.402 ug/L #	62
47) Tetrachloroethene	10.85	164	12706	2.075 ug/L	90
49) 2-Hexanone	10.92	43	7406	2.510 ug/L #	70
50) Dibromochloromethane	10.86	129	11366	2.123 ug/L #	10

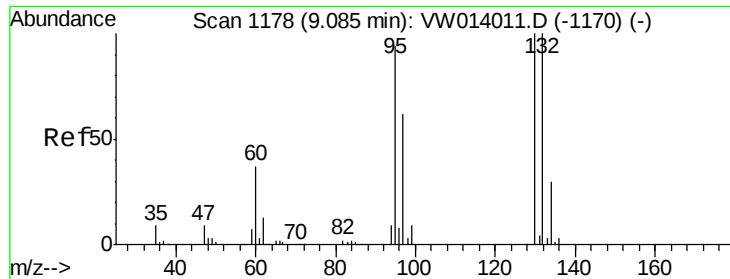
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.946 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

BFLY3

Tgt Ion: 95 Resp: 13367

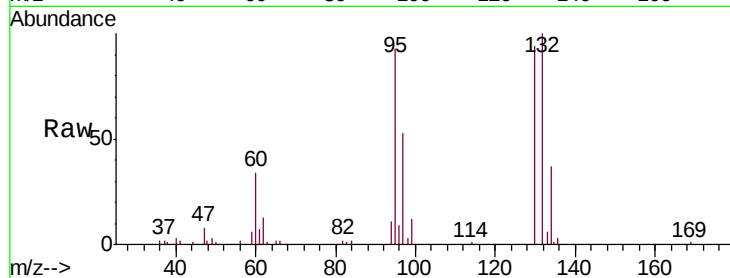
Ion Ratio Lower Upper

95 100

97 63.1 45.1 83.9

132 106.9 73.7 136.9

130 109.9 76.6 142.2

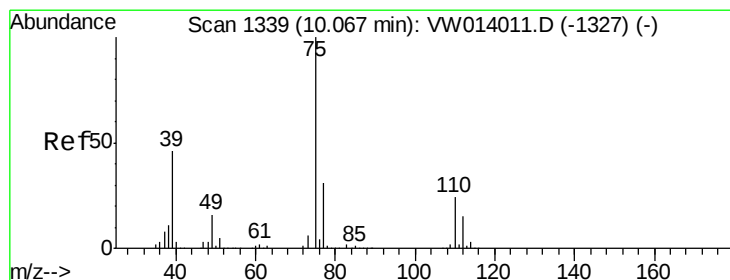
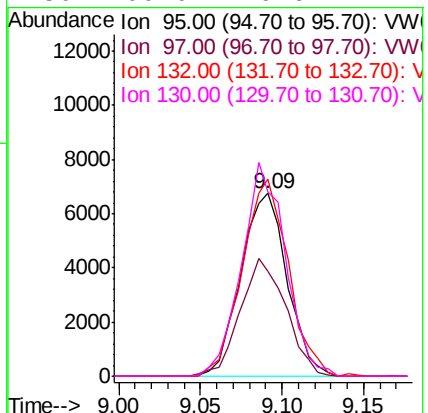
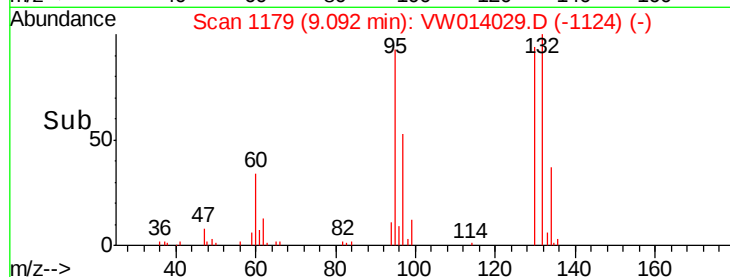


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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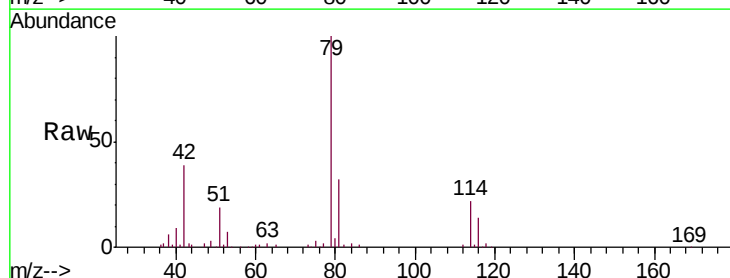
Acq: 14 Nov 2019 18:58

Tgt Ion: 75 Resp: 3935

Ion Ratio Lower Upper

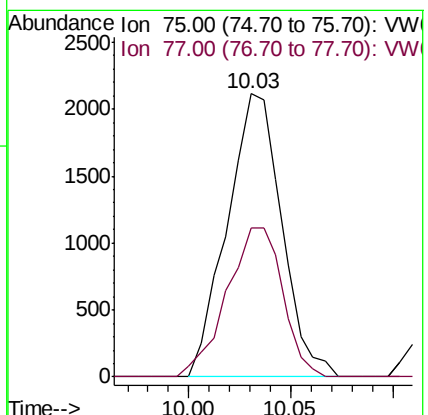
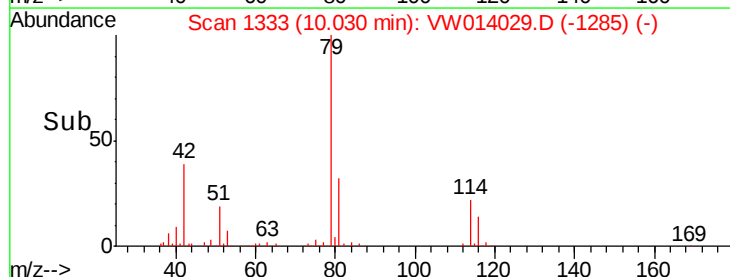
75 100

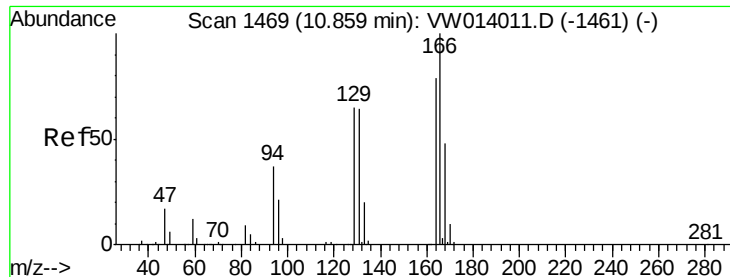
77 52.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 2.075 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.01 min

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BFLY3

Tgt Ion:164 Resp: 12706

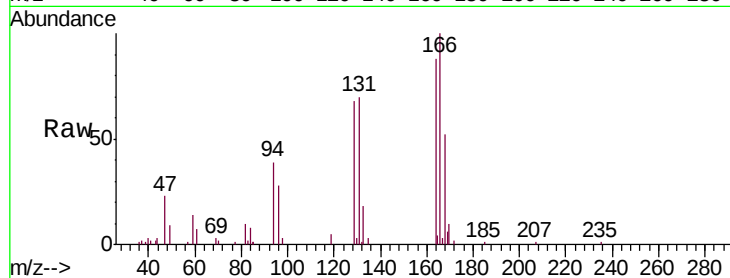
Ion Ratio Lower Upper

164 100

129 77.6 60.6 112.6

131 79.7 59.1 109.7

166 113.5 90.8 168.6

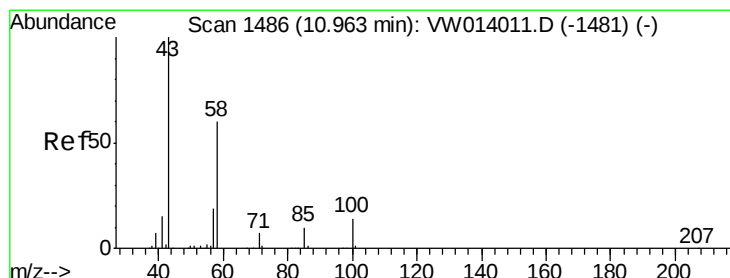
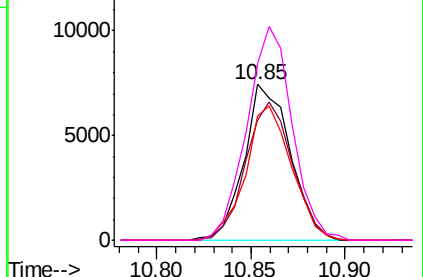
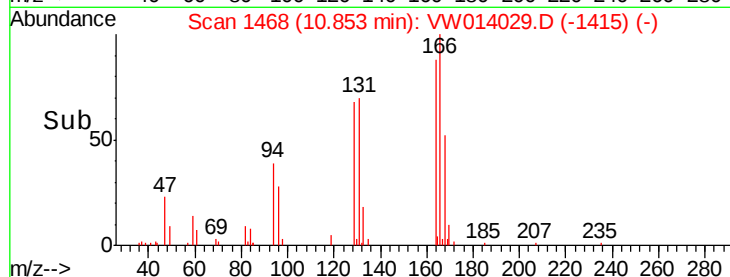


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 2.510 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 7406

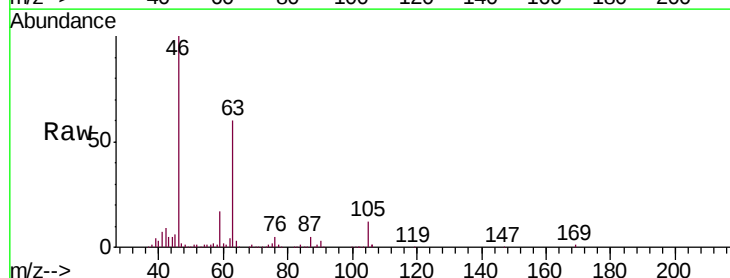
Ion Ratio Lower Upper

43 100

58 27.2 44.4 66.6#

57 21.8 16.5 24.7

100 1.1 11.1 16.7#

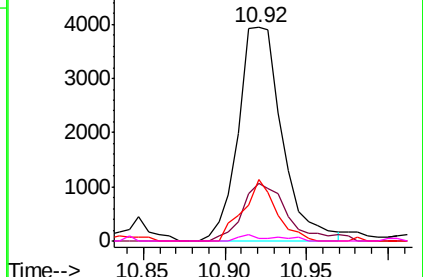
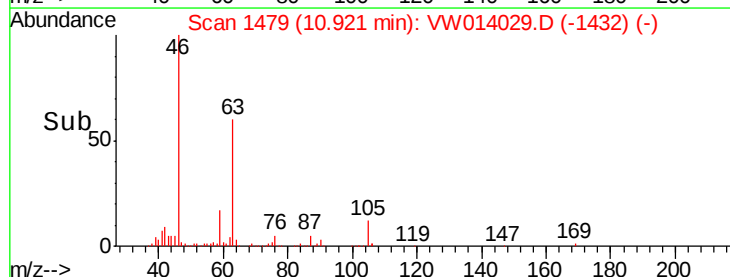


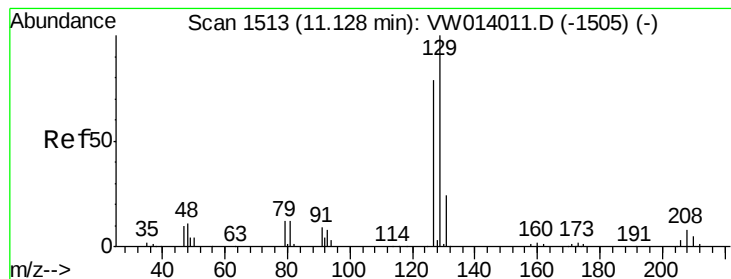
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 2.123 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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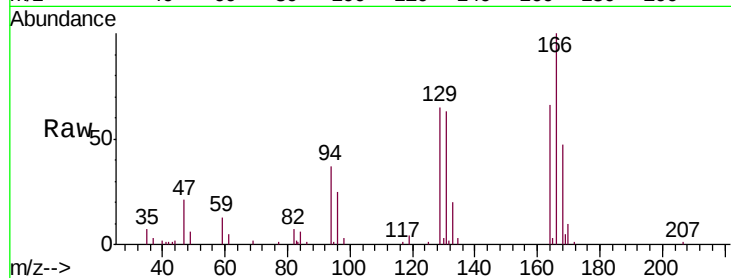
BFLY3

Tgt Ion:129 Resp: 11366

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

