

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004234.D
 Acq On : 26 Jul 2018 18:02
 Operator : SY/AP
 Sample : J4169-02
 Misc : 5.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:55:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316154	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	119753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	77705	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	56037	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	4.00	63	139158	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.28%
20) 2-Butanone-d5	7.08	46	93714	52.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.02%
24) Chloroform-d	7.65	84	204198	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	128380	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	8.27	84	398196	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.27	67	135217	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.88%
37) Toluene-d8	10.33	98	360494	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	10.58	79	58164	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	72409	52.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	133440	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	117388	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

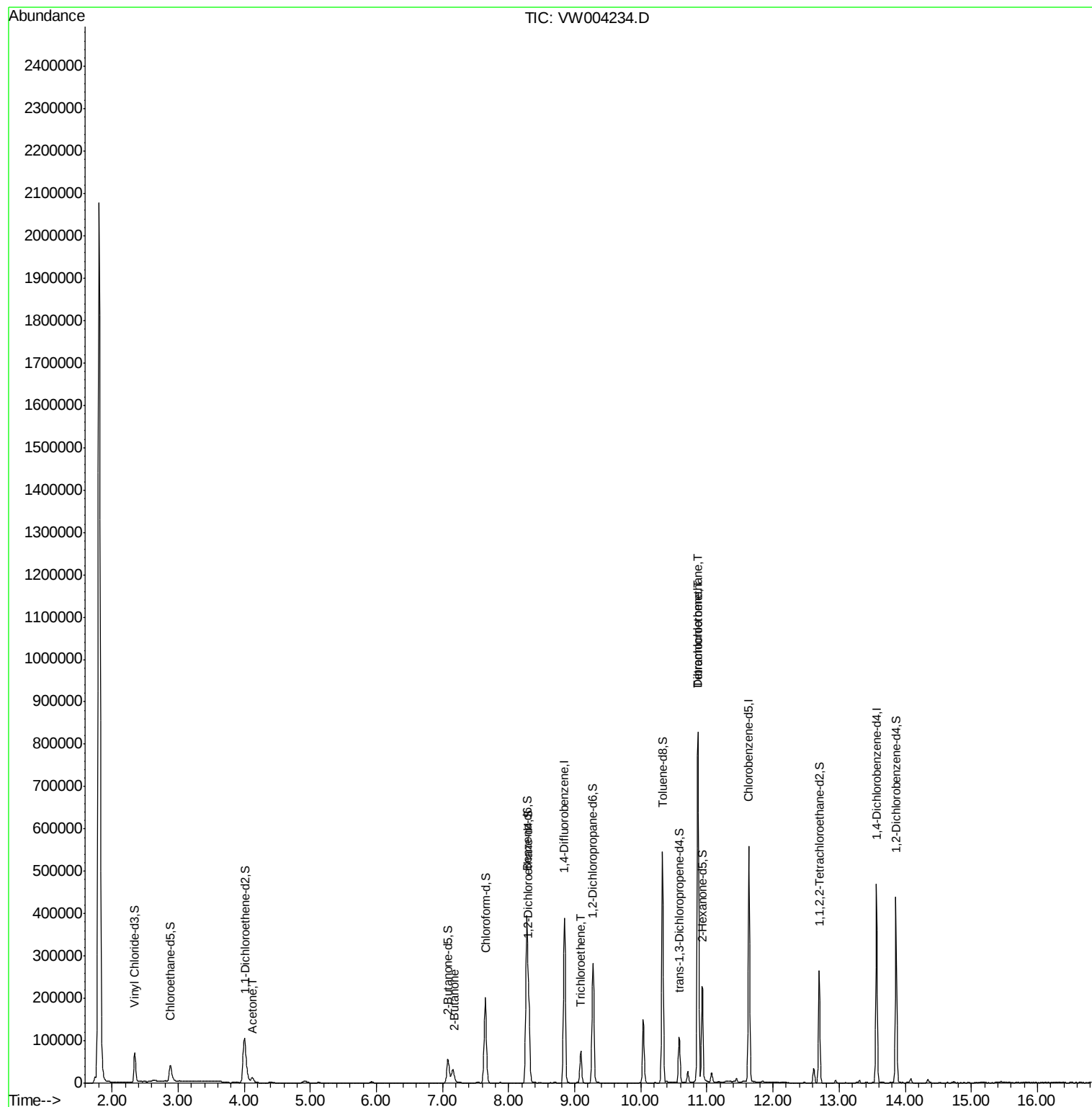
					Ovalue
13) Acetone	4.12	43	19020	10.454	ug/L 95
21) 2-Butanone	7.18	43	6833	2.980	ug/L 92
35) Trichloroethene	9.09	95	26027	5.769	ug/L 99
47) Tetrachloroethene	10.87	164	184550	51.140	ug/L 97
50) Dibromochloromethane	10.87	129	176491	42.807	ug/L # 12

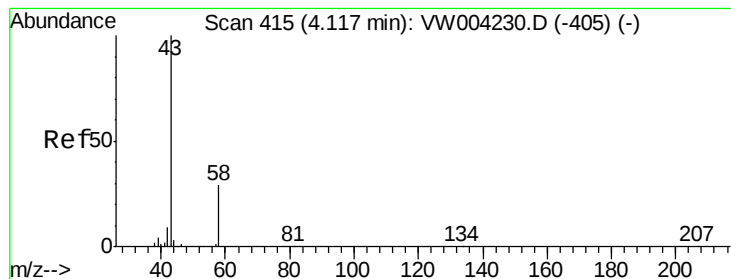
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 27 02:54:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.454 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004234.D

Acq: 26 Jul 2018 18:02

Instrument :

MSVOA_W

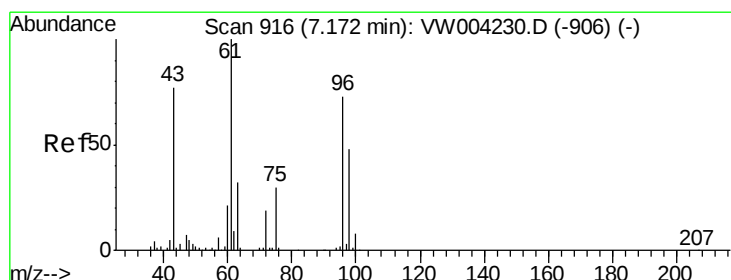
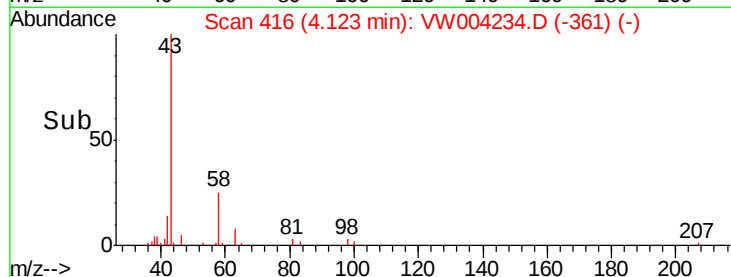
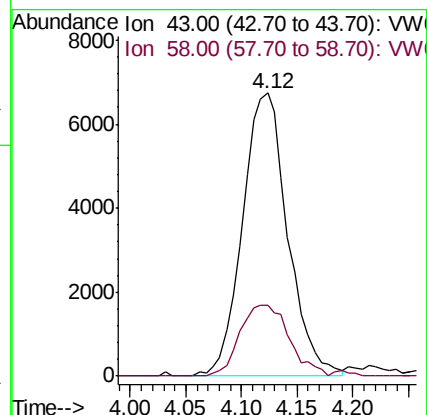
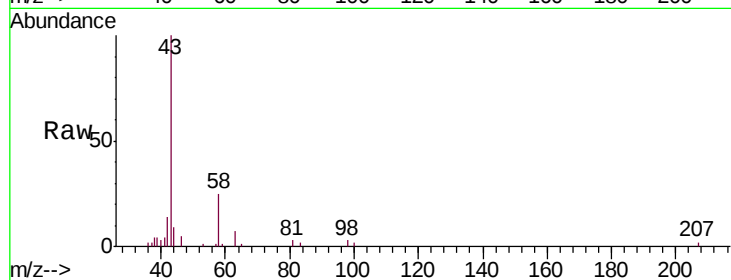
ClientSampleId :

Tot Ion: 43 Resp: 19020

Ion Ratio Lower Upper

43 100

58 27.3 0.0 59.8



#21

2-Butanone

Concen: 2.980 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004234.D

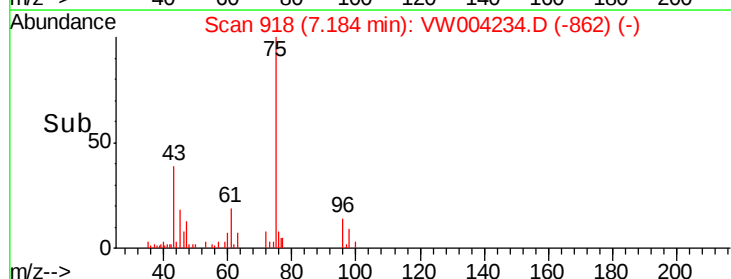
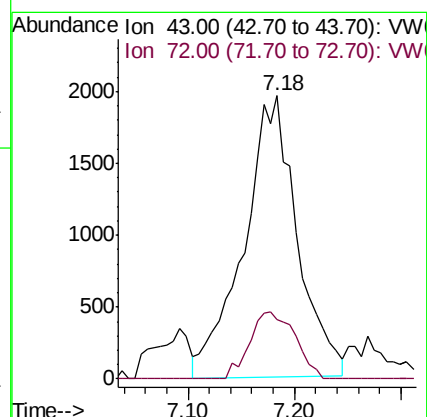
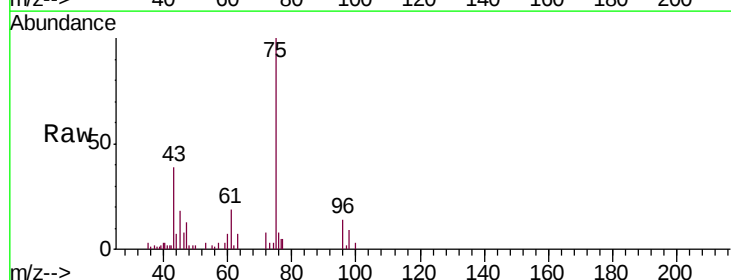
Acq: 26 Jul 2018 18:02

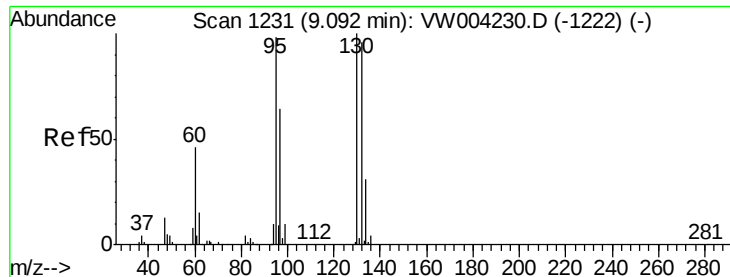
Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

72 20.4 12.3 36.9





#35

Trichloroethene

Concen: 5.769 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004234.D

Acq: 26 Jul 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 26027

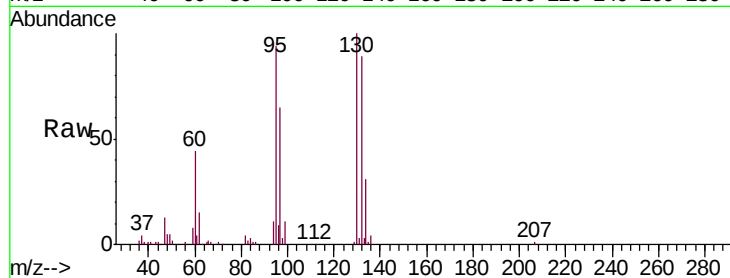
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.5

132 94.9 67.4 125.2

130 97.9 70.2 130.4



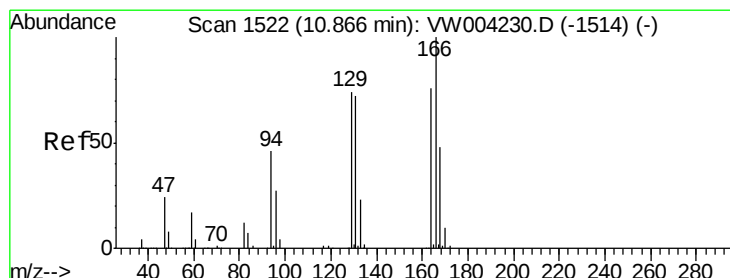
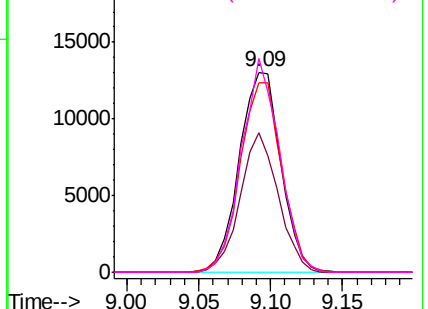
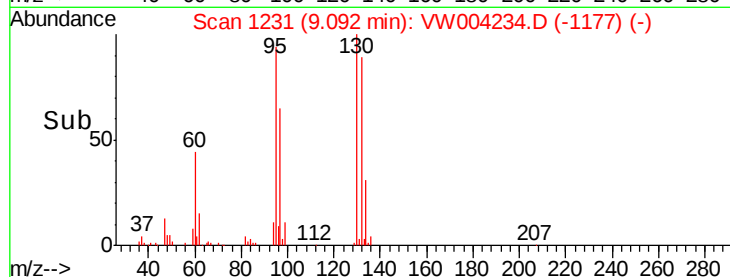
Abundance

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



#47

Tetrachloroethene

Concen: 51.140 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004234.D

Acq: 26 Jul 2018 18:02

Tgt Ion:164 Resp: 184550

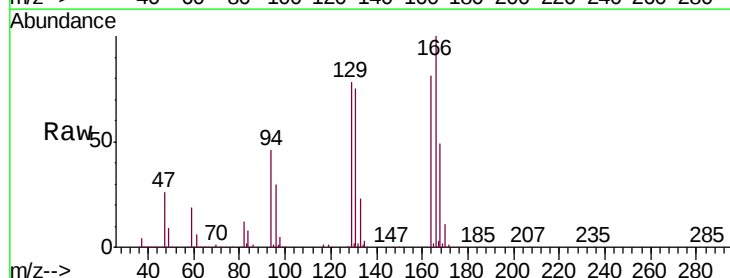
Ion Ratio Lower Upper

164 100

129 95.6 63.4 117.8

131 92.6 63.1 117.1

166 123.4 87.5 162.5



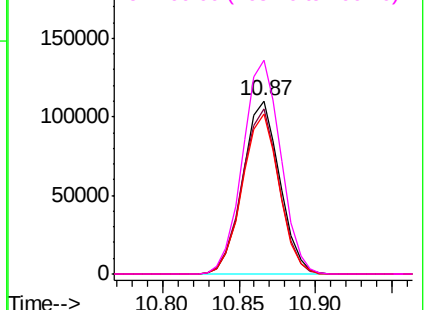
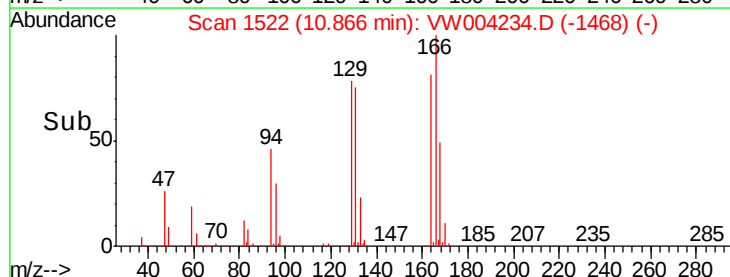
Abundance

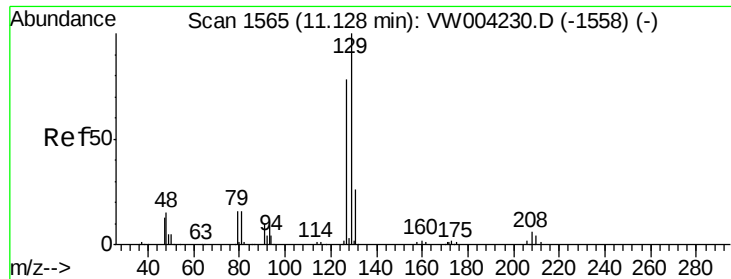
Ion 164.00 (163.70 to 164.70): V

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: 42.807 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

Lab File: VW004234.D

Acq: 26 Jul 2018 18:02

Instrument :

MSVOA_W

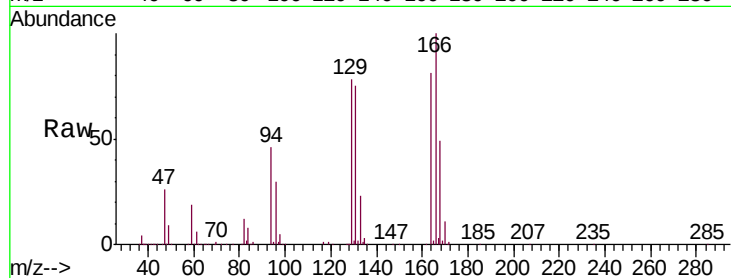
ClientSampleId :

Tot Ion:129 Resp: 176491

Ion Ratio Lower Upper

129 100

127 0.2 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

