

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007096.D
 Acq On : 21 Aug 2018 02:12
 Operator : SY/MD
 Sample : J4515-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0335

Quant Time: Aug 21 05:28:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78066	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	71199	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.14	63	5526025	187.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3750.20%#
20) 2-Butanone-d5	3.97	46	225647	49.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.41	84	168714	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.09	65	89473	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	336868	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.12	67	109617	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.37	98	234669	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	22296	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	8.15	63	85364	29.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81099	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	84524	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

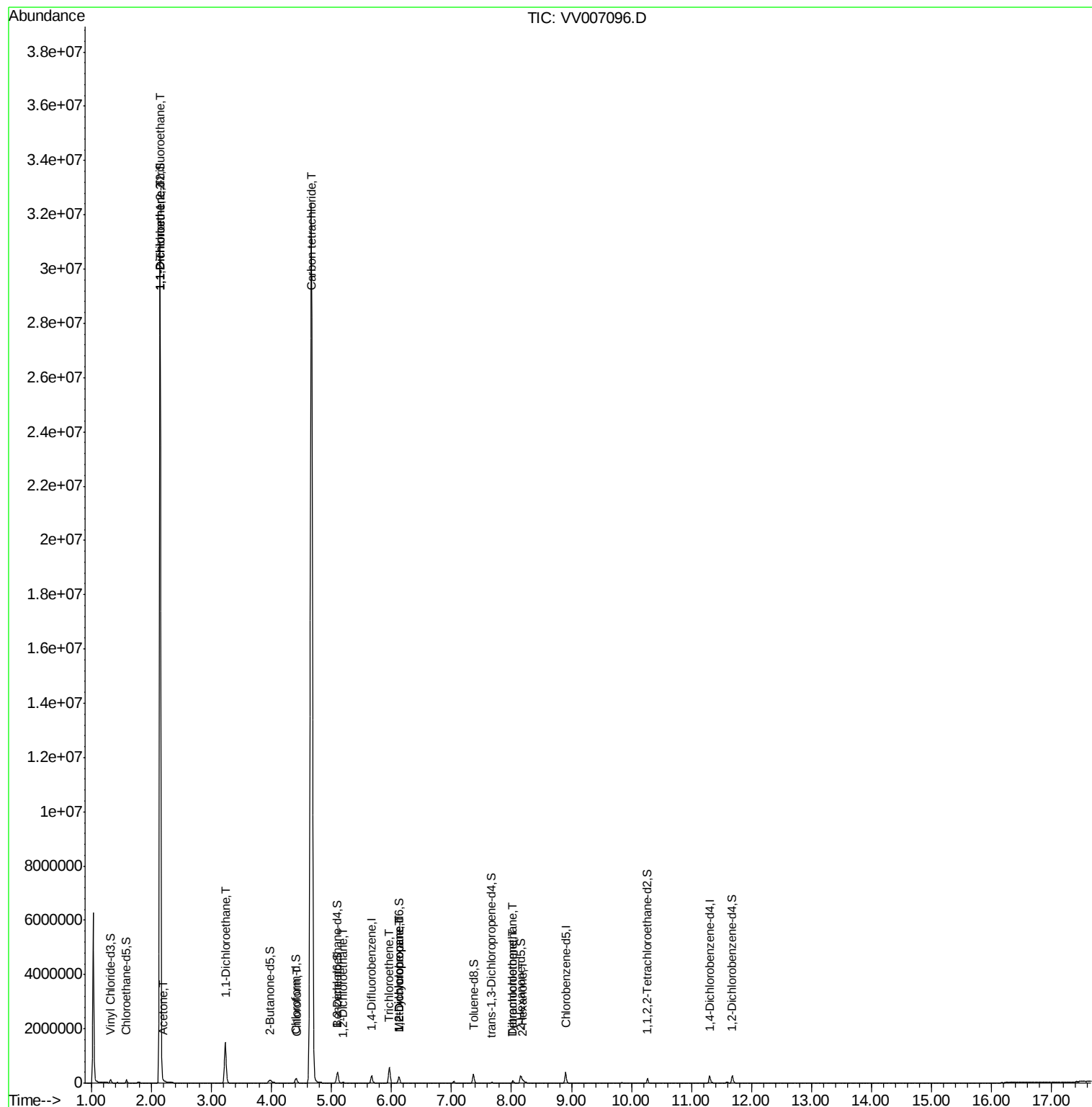
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26732	1.486	ug/L #	29
12) 1,1-Dichloroethene	2.14	96	10295343	589.325	ug/L #	58
13) Acetone	2.21	43	4846	2.084	ug/L	98
19) 1,1-Dichloroethane	3.23	63	1562612	46.270	ug/L	98
25) Chloroform	4.44	83	17383	0.470	ug/L	95
27) 1,2-Dichloroethane	5.19	62	21327	0.926	ug/L	95
31) Carbon tetrachloride	4.66	117	3994265	153.726	ug/L	99
34) Trichloroethene	5.96	95	209116	10.834	ug/L	95
35) Methylcyclohexane	6.12	83	26794	0.865	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11347	0.515	ug/L #	88
47) Tetrachloroethene	8.02	164	19608	1.253	ug/L	96
48) 2-Hexanone	8.20	43	38694	4.609	ug/L #	96
49) Dibromochloromethane	8.02	129	16999	1.130	ug/L #	11

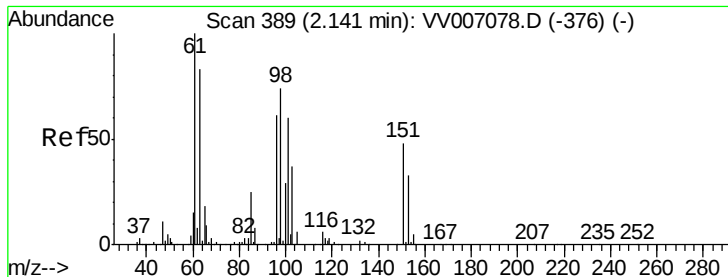
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.486 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Instrument :

MSVOA_V

ClientSampleId :

C0335

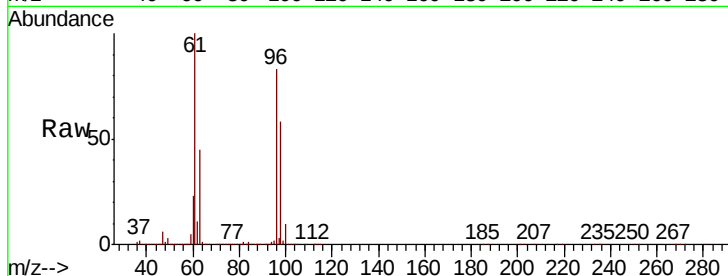
Tot Ion:101 Resp: 26732

Ion Ratio Lower Upper

101 100

85 20.1 33.9 50.9#

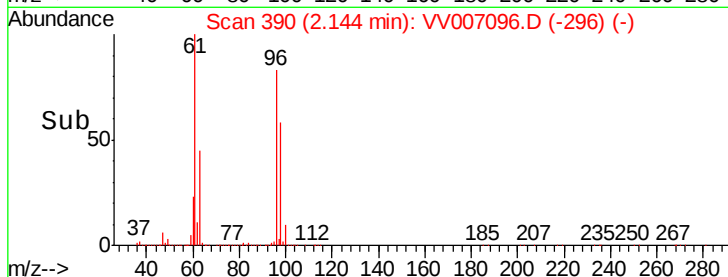
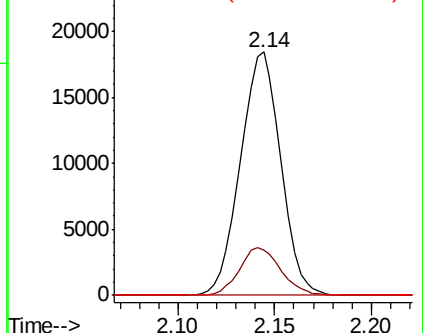
151 0.0 64.1 96.1#



Abundance Ion 101.00 (100.70 to 101.70): VV007078.D (-376) (-)

Ion 85.00 (84.70 to 85.70): VV007078.D (-376) (-)

Ion 151.00 (150.70 to 151.70): VV007078.D (-376) (-)



#12

1,1-Dichloroethene

Concen: 589.325 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

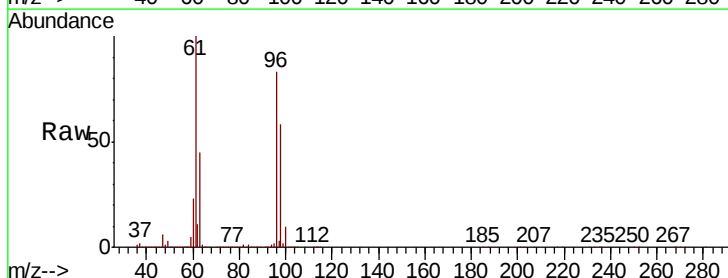
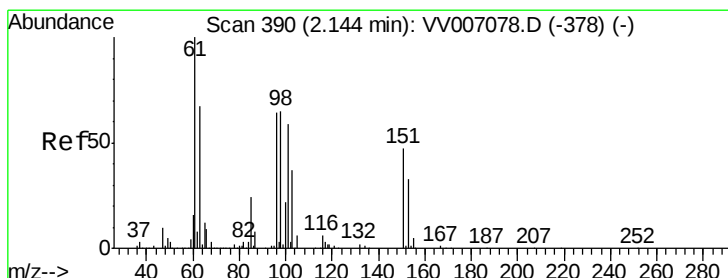
Tgt Ion: 96 Resp:10295343

Ion Ratio Lower Upper

96 100

61 120.8 111.6 207.4

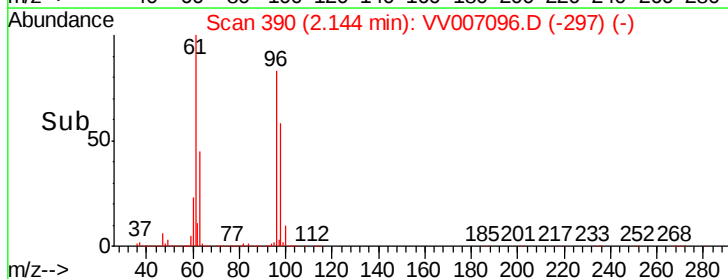
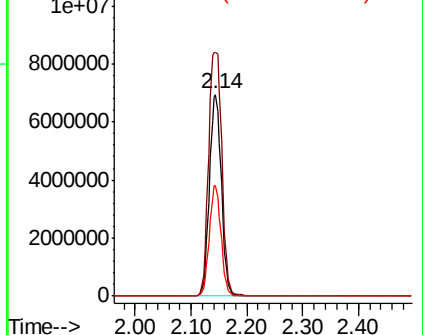
63 54.7 84.9 157.7#

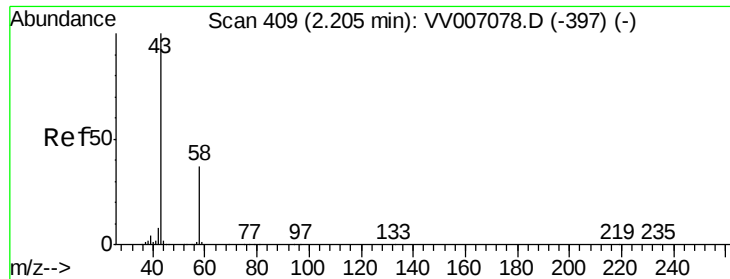


Abundance Ion 96.00 (95.70 to 96.70): VV007078.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV007078.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV007078.D (-378) (-)





#13

Acetone

Concen: 2.084 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Instrument :

MSVOA_V

ClientSampled :

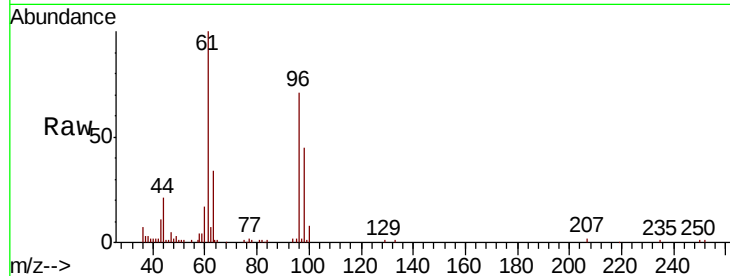
C0335

Tot Ion: 43 Resp: 4846

Ion Ratio Lower Upper

43 100

58 34.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

3000

2500

2000

1500

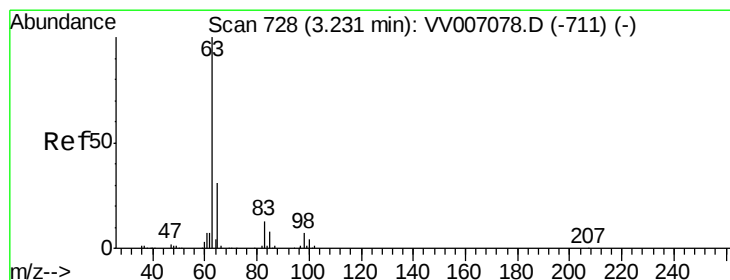
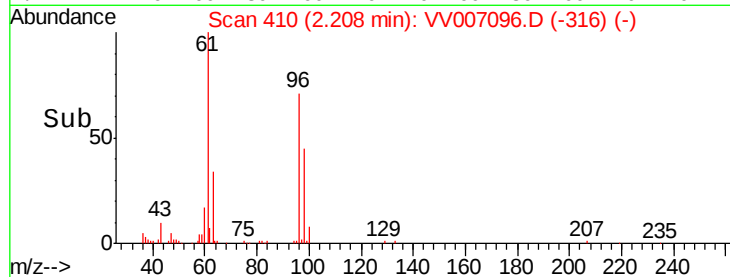
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#19

1,1-Dichloroethane

Concen: 46.270 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

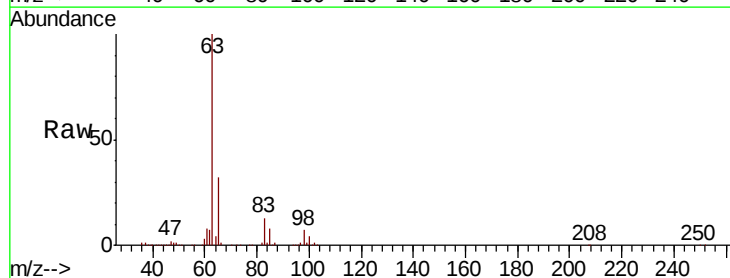
Tgt Ion: 63 Resp: 1562612

Ion Ratio Lower Upper

63 100

65 32.0 21.7 40.3

83 12.8 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

1000000

800000

600000

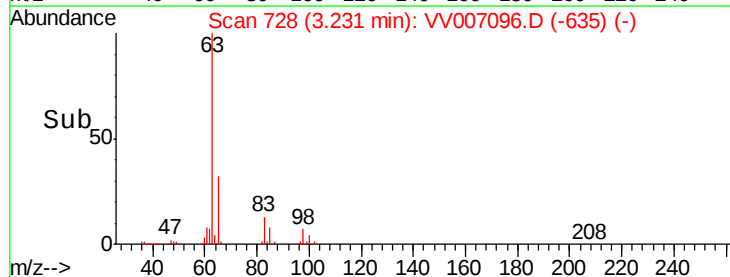
400000

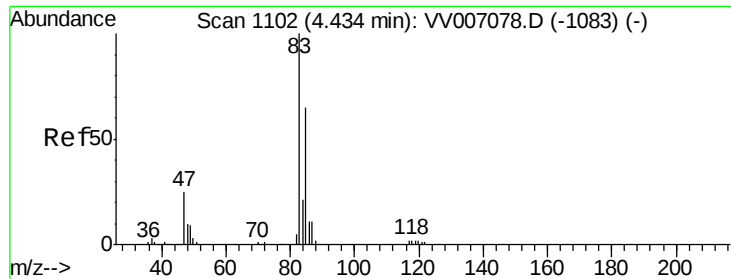
200000

0

Time-->

3.10 3.20 3.30 3.40

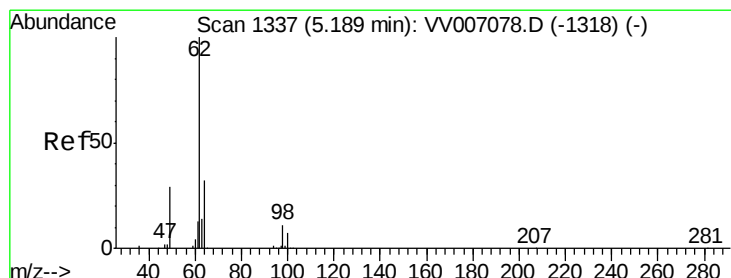
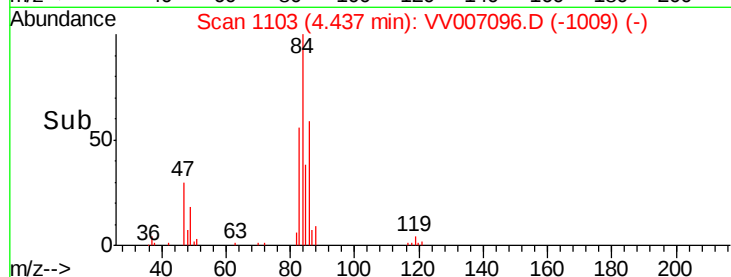
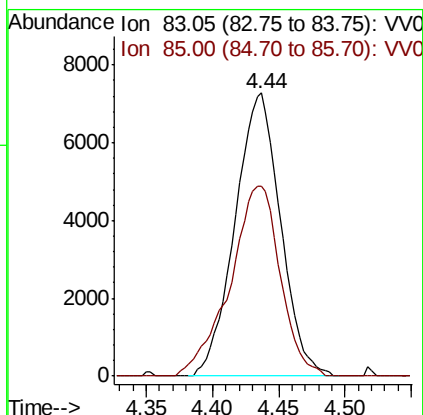
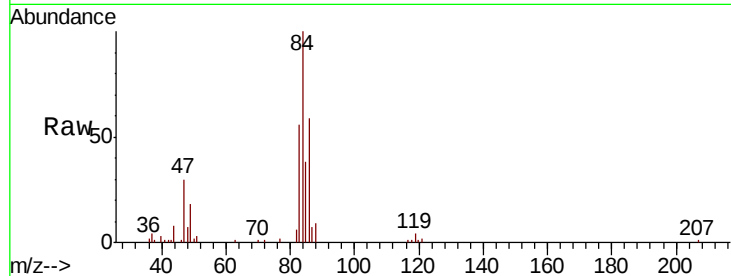




#25
Chloroform
Concen: 0.470 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV007096.D
Acq: 21 Aug 2018 02:12

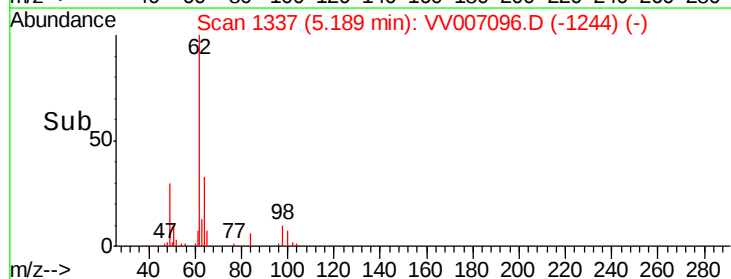
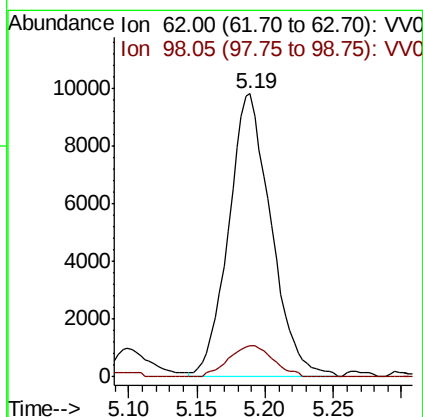
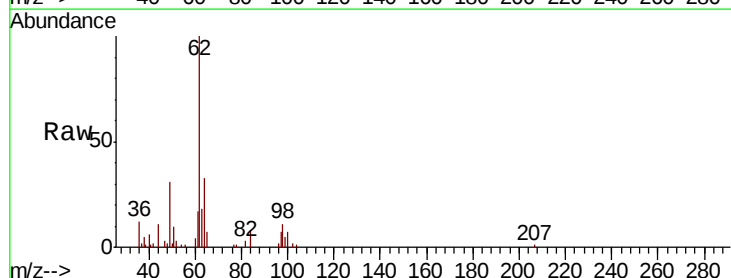
Instrument :
MSVOA_V
ClientSampled :
C0335

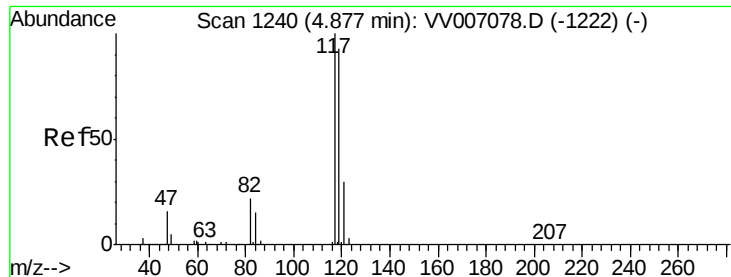
Tot Ion: 83 Resp: 17383
Ion Ratio Lower Upper
83 100
85 67.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.926 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV007096.D
Acq: 21 Aug 2018 02:12

Tgt Ion: 62 Resp: 21327
Ion Ratio Lower Upper
62 100
98 11.2 7.6 11.4





#31

Carbon tetrachloride

Concen: 153.726 ug/L

RT: 4.66 min Scan# 1174

Delta R.T. -0.21 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Instrument :

MSVOA_V

ClientSampleId :

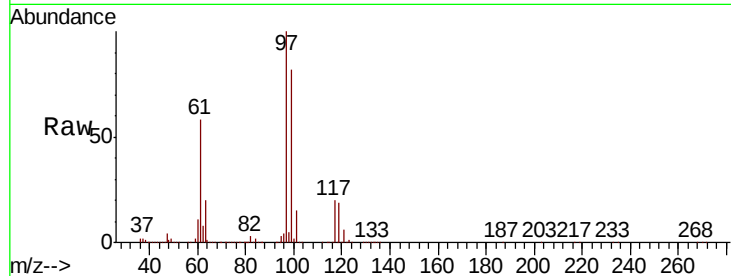
C0335

Tot Ion:117 Resp: 3994265

Ion Ratio Lower Upper

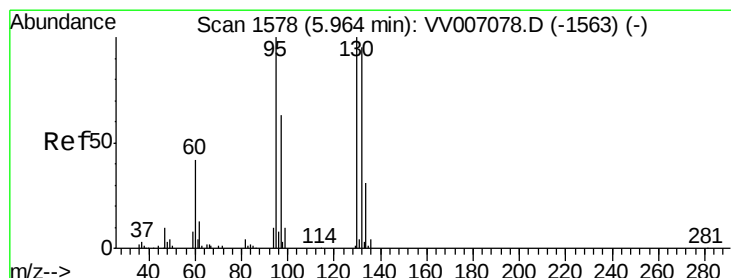
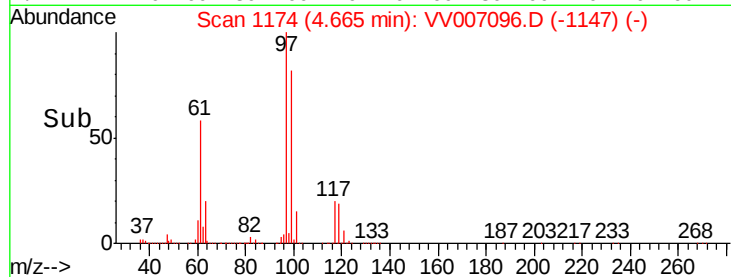
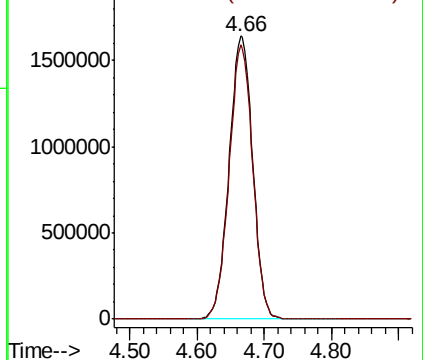
117 100

119 96.5 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 10.834 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Tgt Ion: 95 Resp: 209116

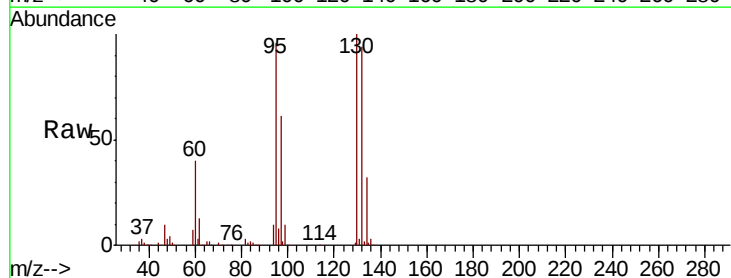
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 97.3 65.5 121.6

130 104.0 66.4 123.4

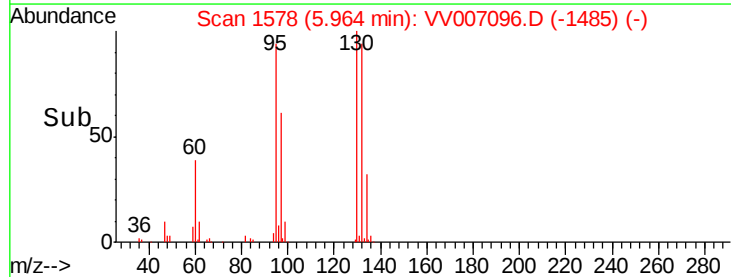
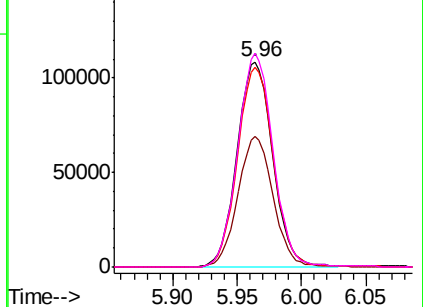


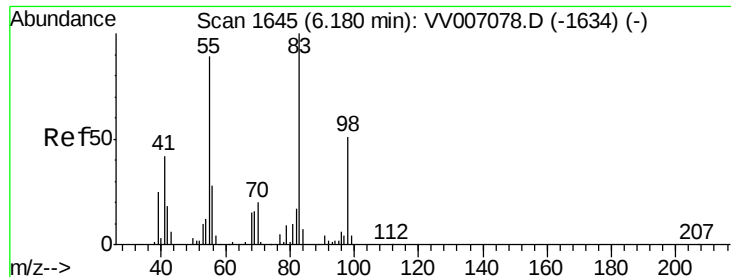
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

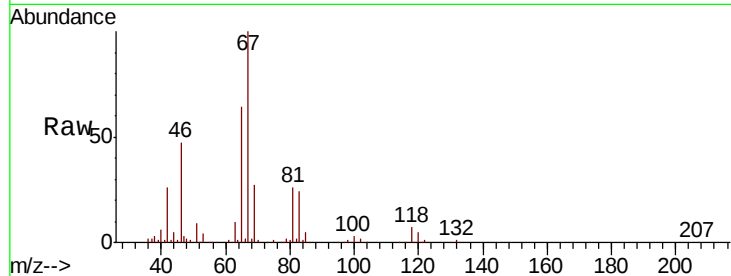




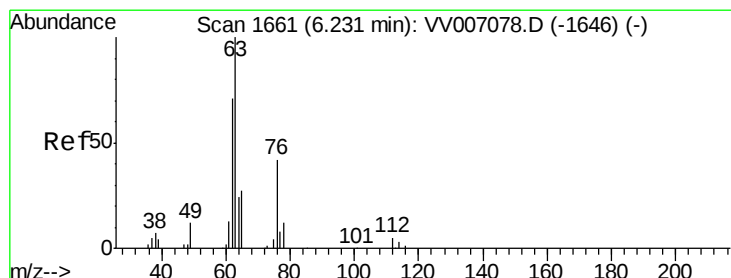
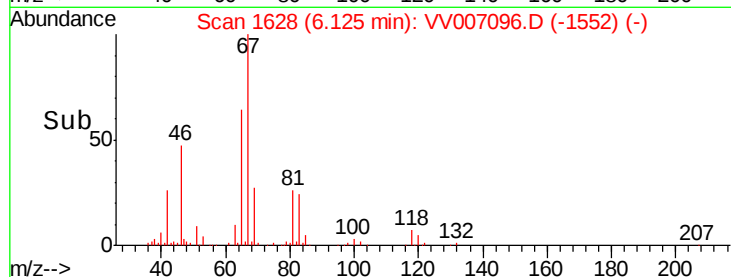
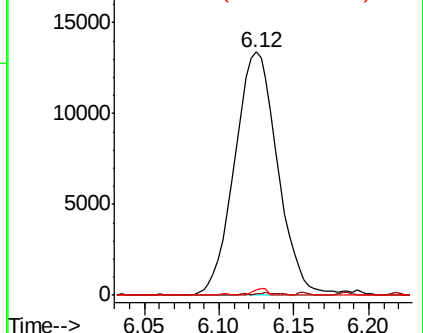
#35
Methvlcvclohexane
Concen: 0.865 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007096.D
Acq: 21 Aug 2018 02:12

Instrument :
MSVOA_V
ClientSampleId :
C0335

Tot Ion: 83 Resp: 26794
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 0.9 37.9 56.9#

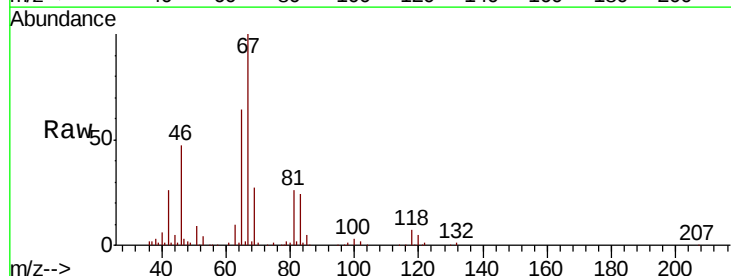


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

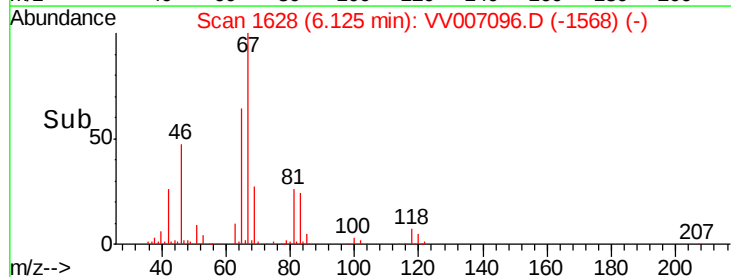
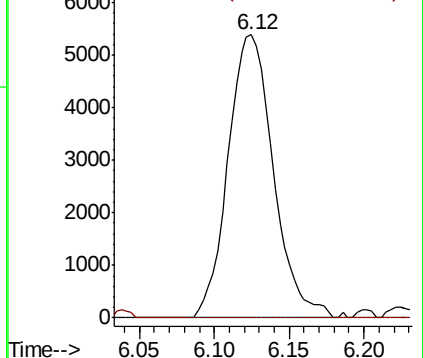


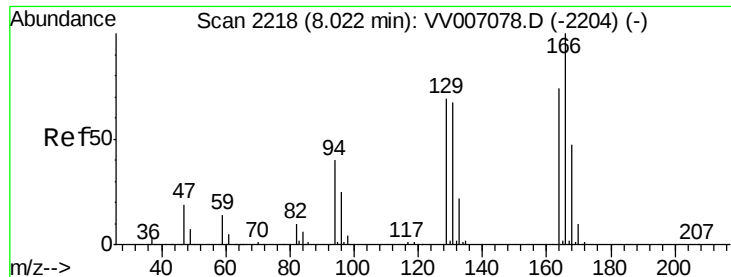
#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VV007096.D
Acq: 21 Aug 2018 02:12

Tgt Ion: 63 Resp: 11347
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 1.253 ug/L

RT: 8.02 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Instrument :

MSVOA_V

ClientSampleId :

C0335

Tot Ion:164 Resp: 19608

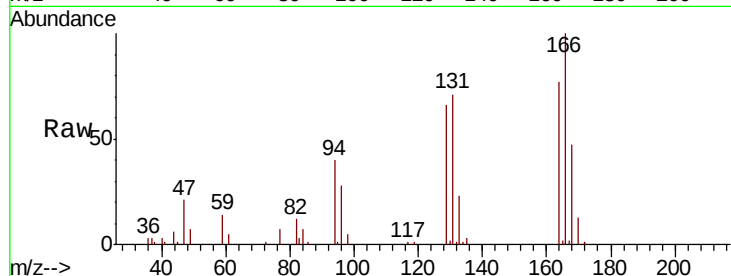
Ion Ratio Lower Upper

164 100

129 86.3 65.9 122.3

131 92.5 64.2 119.2

166 130.2 89.4 166.0

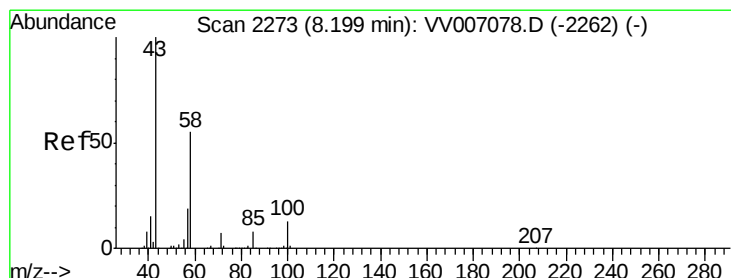
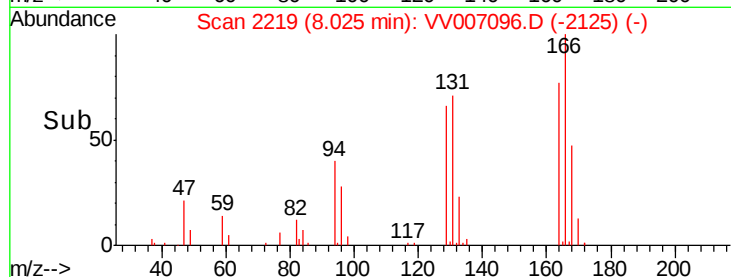
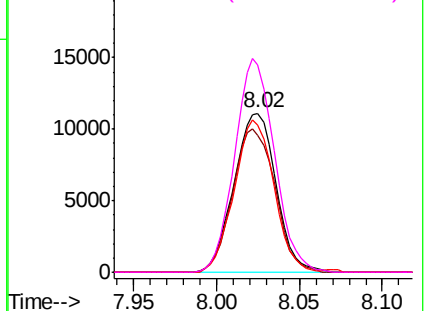


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 4.609 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Tgt Ion: 43 Resp: 38694

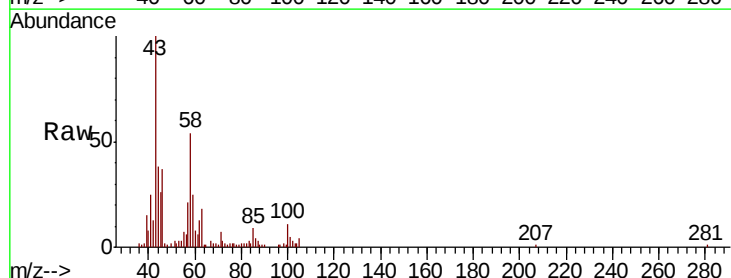
Ion Ratio Lower Upper

43 100

58 53.9 44.2 66.2

57 23.5 14.8 22.2#

100 11.9 8.8 13.2

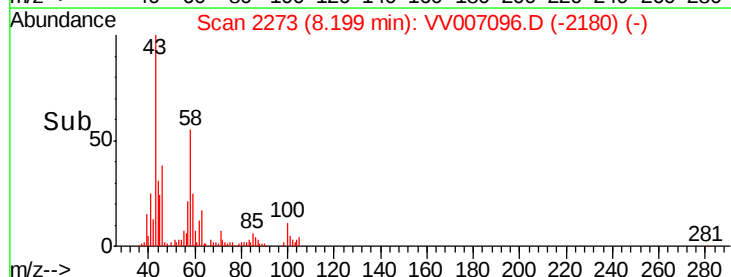
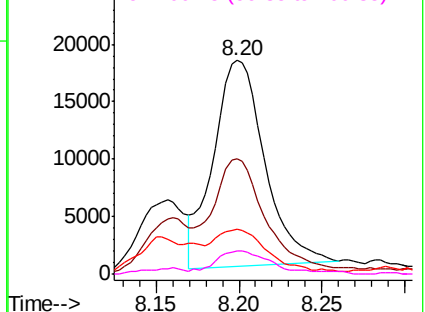


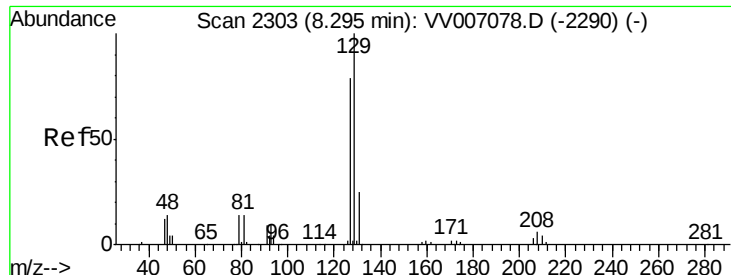
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 1.130 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007096.D

Acq: 21 Aug 2018 02:12

Instrument :

MSVOA_V

ClientSampleId :

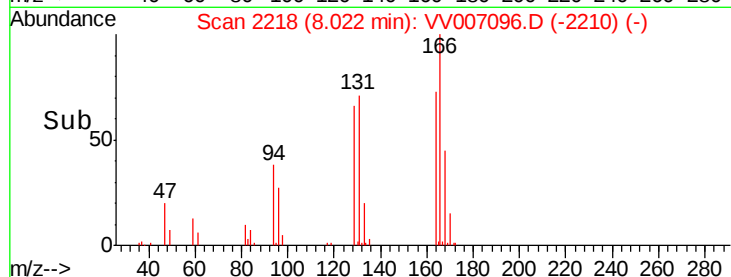
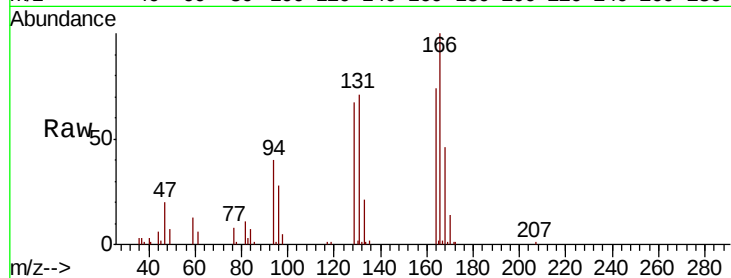
C0335

Tot Ion:129 Resp: 16999

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

