

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006609.D
 Acq On : 13 Jul 2018 22:40
 Operator : SY/MD
 Sample : J3983-18
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB198

Quant Time: Jul 14 00:32:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	286846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88769	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.58	69	73706	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	120511	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.95	46	201805	50.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	4.41	84	156804	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	74849	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	340503	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.12	67	103611	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	301844	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	7.67	79	32436	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	182138	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78468	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	113602	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

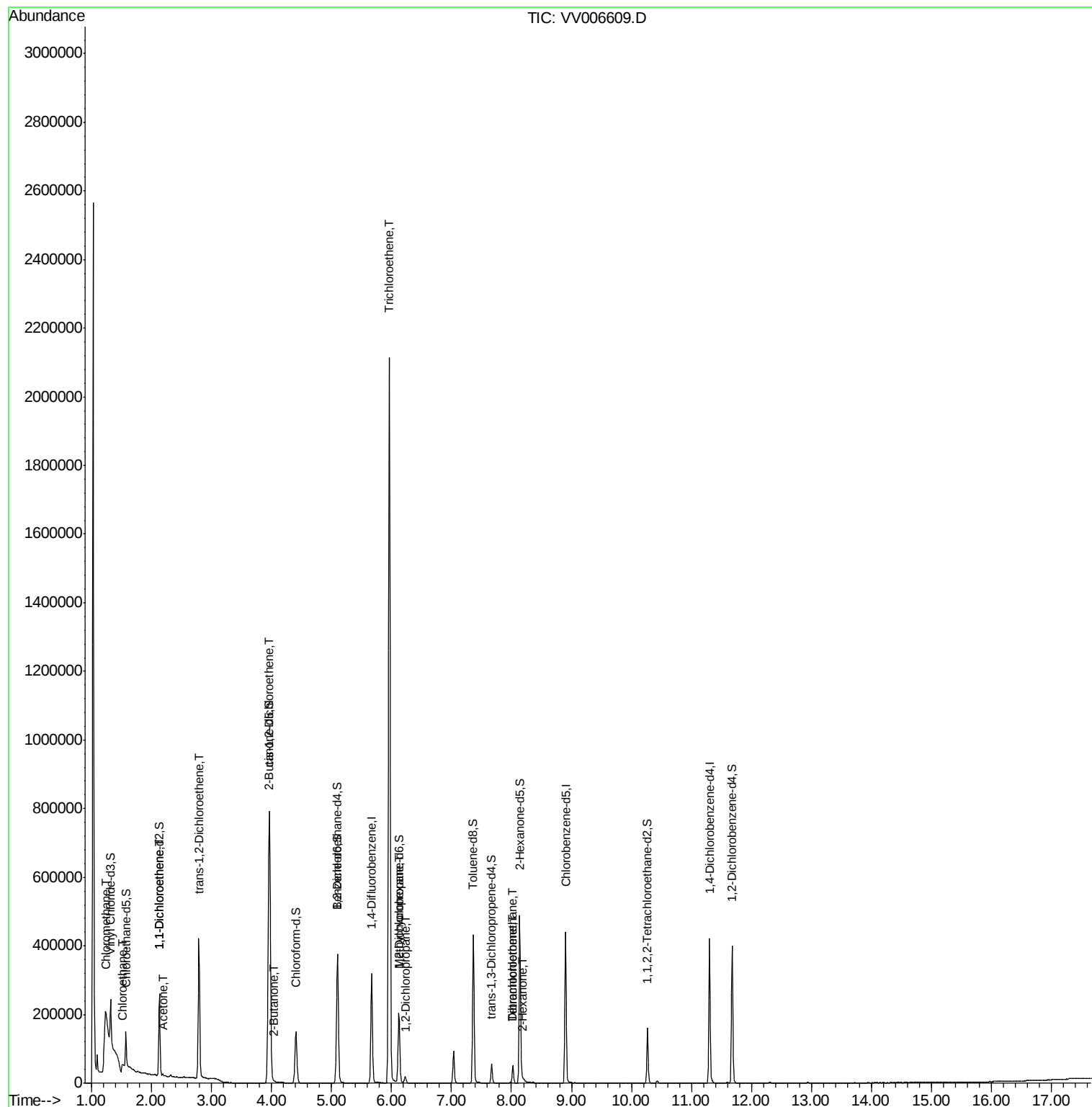
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	11789	0.428	ug/L #	59
8) Chloroethane	1.51	64	44673	2.882	ug/L #	51
12) 1,1-Dichloroethene	2.14	96	4071	0.227	ug/L #	1
13) Acetone	2.19	43	2785	1.112	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	158891	8.109	ug/L	95
21) 2-Butanone	4.04	43	1107	0.269	ug/L #	58
22) cis-1,2-Dichloroethene	3.97	96	434396	20.636	ug/L	95
34) Trichloroethene	5.96	95	738081	36.634	ug/L	97
35) Methylcyclohexane	6.12	83	25121	0.774	ug/L #	19
37) 1,2-Dichloropropane	6.23	63	6621	0.345	ug/L #	94
47) Tetrachloroethene	8.02	164	12583	0.759	ug/L	95
48) 2-Hexanone	8.19	43	2422	0.351	ug/L #	77
49) Dibromochloromethane	8.02	129	10601	0.756	ug/L #	12

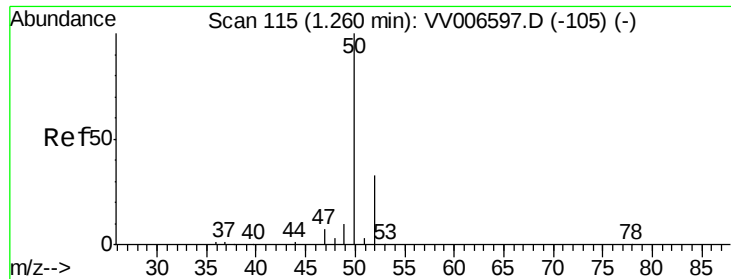
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.428 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.01 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

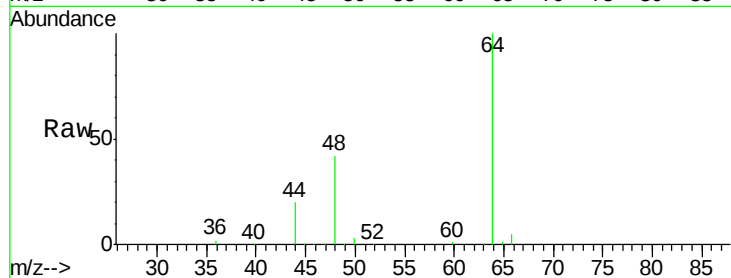
DB198

Tgt Ion: 50 Resp: 11789

Ion Ratio Lower Upper

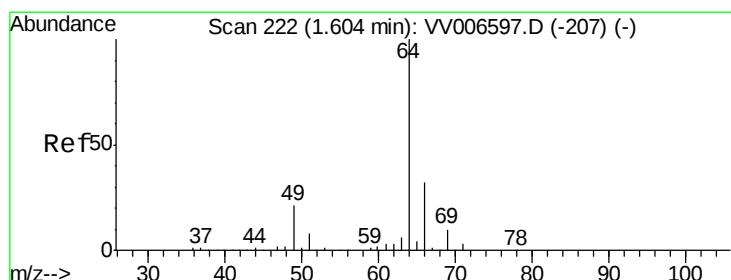
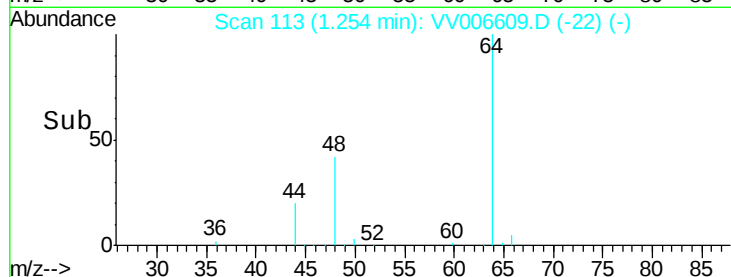
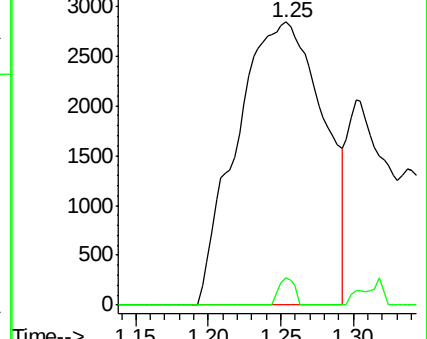
50 100

52 9.6 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 2.882 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.09 min

Lab File: VV006609.D

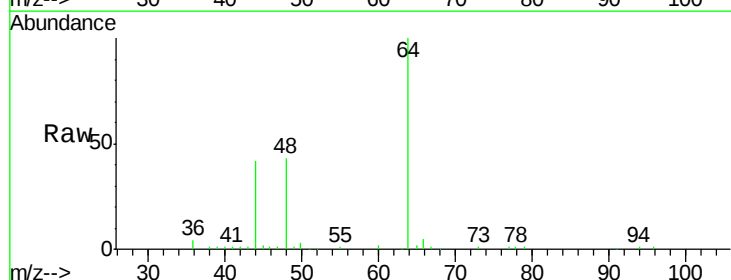
Acq: 13 Jul 2018 22:40

Tgt Ion: 64 Resp: 44673

Ion Ratio Lower Upper

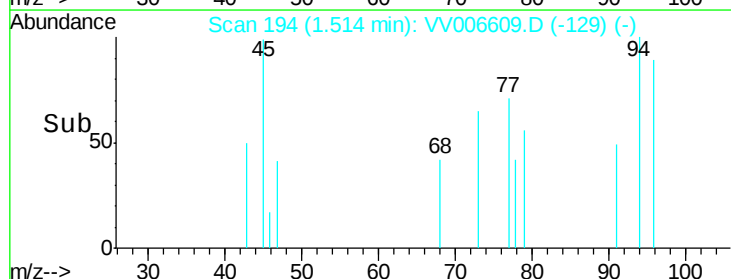
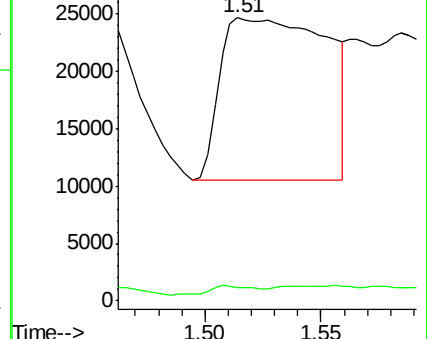
64 100

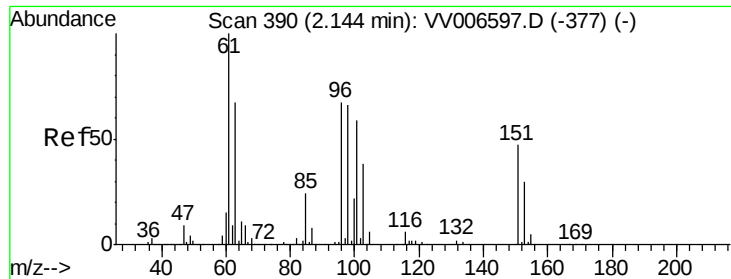
66 4.8 22.5 41.7#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.227 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

DB198

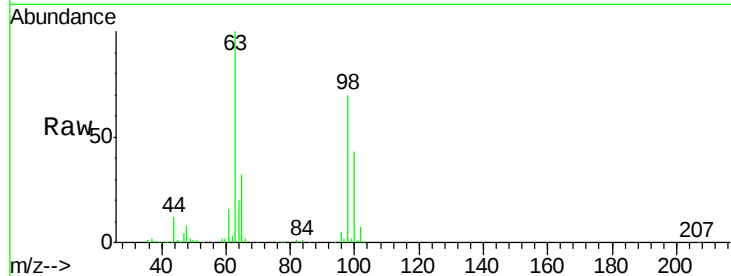
Tgt Ion: 96 Resp: 4071

Ion Ratio Lower Upper

96 100

61 302.7 110.7 205.7#

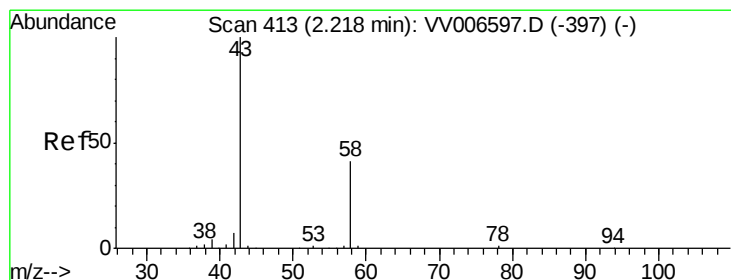
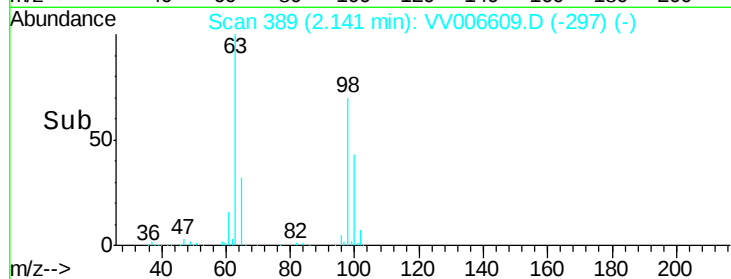
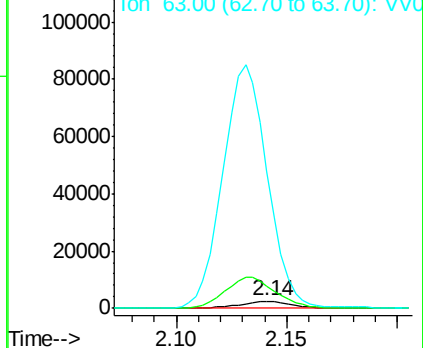
63 1851.8 79.0 146.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.112 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.03 min

Lab File: VV006609.D

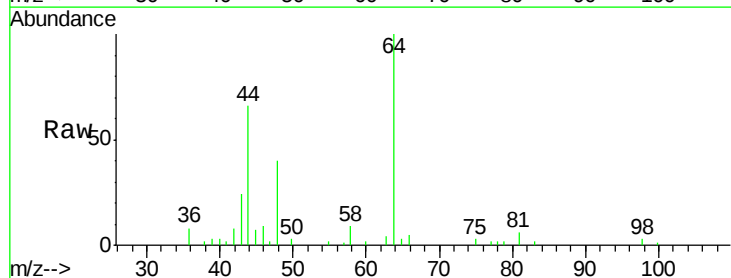
Acq: 13 Jul 2018 22:40

Tgt Ion: 43 Resp: 2785

Ion Ratio Lower Upper

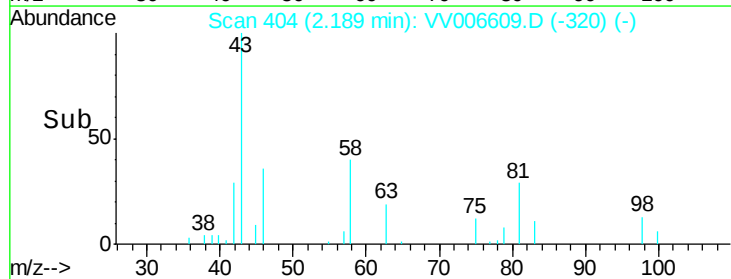
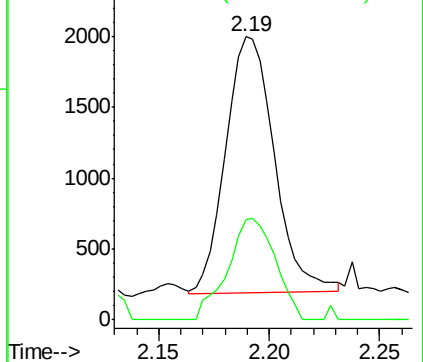
43 100

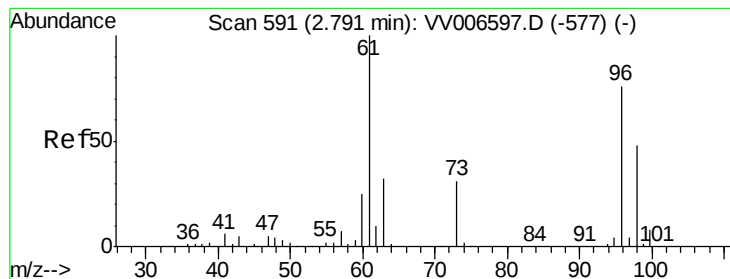
58 38.7 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 8.109 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

DB198

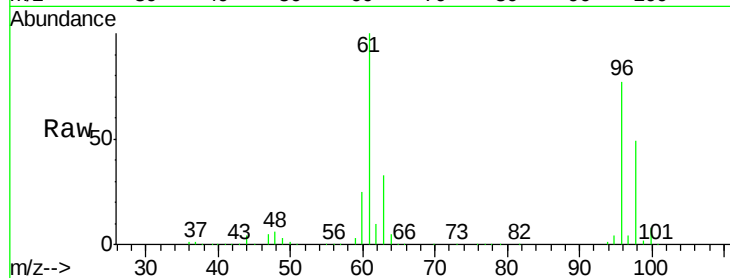
Tgt Ion: 96 Resp: 158891

Ion Ratio Lower Upper

96 100

61 129.3 96.5 179.3

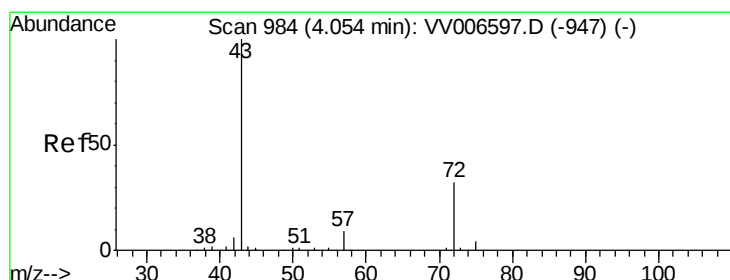
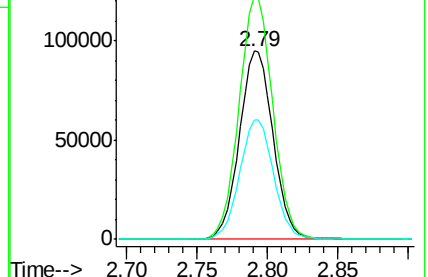
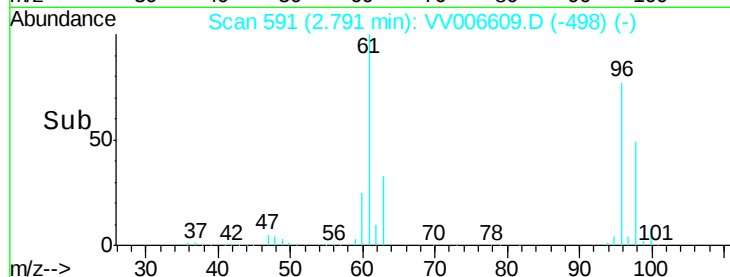
98 63.1 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VV006609.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006609.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006609.D (-498) (-)



#21

2-Butanone

Concen: 0.269 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.01 min

Lab File: VV006609.D

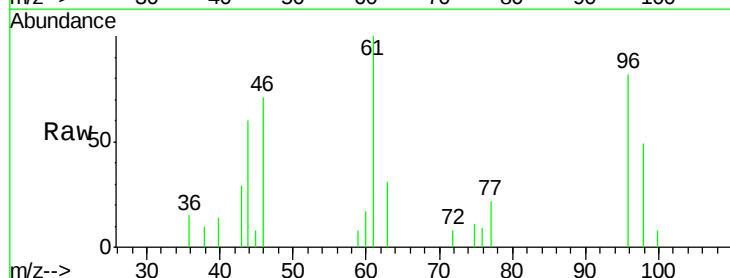
Acq: 13 Jul 2018 22:40

Tgt Ion: 43 Resp: 1107

Ion Ratio Lower Upper

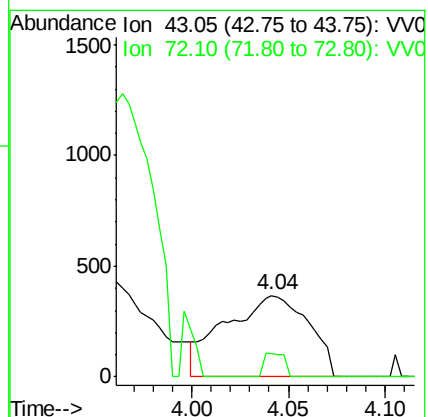
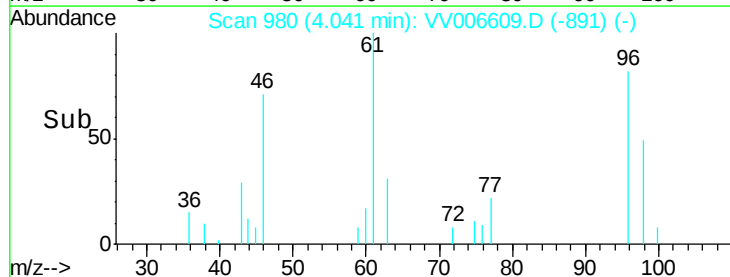
43 100

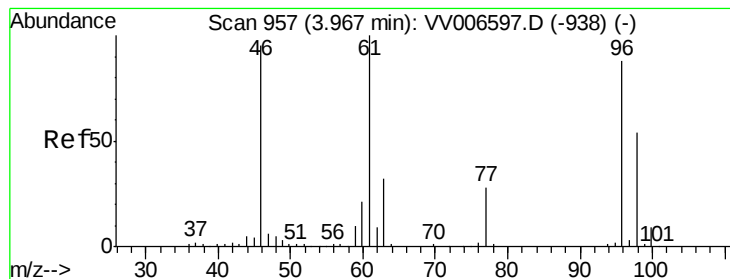
72 7.3 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006609.D (-891) (-)

Ion 72.10 (71.80 to 72.80): VV006609.D (-891) (-)



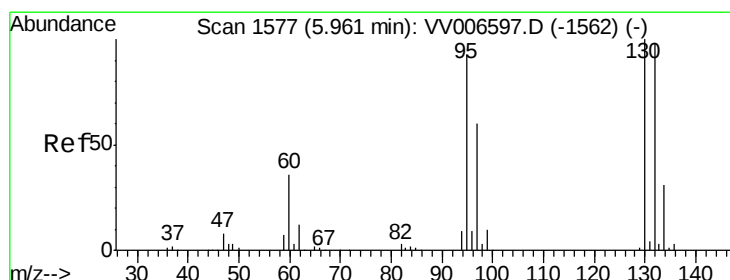
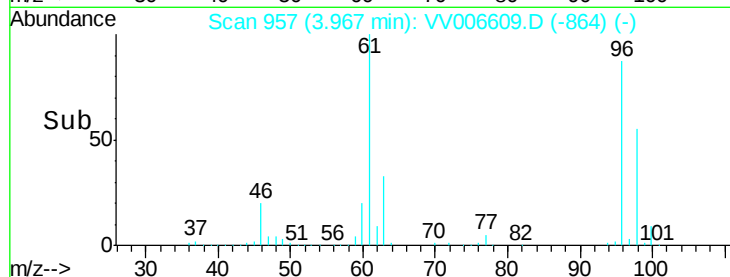
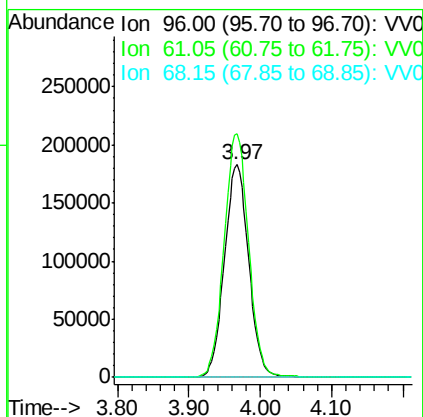
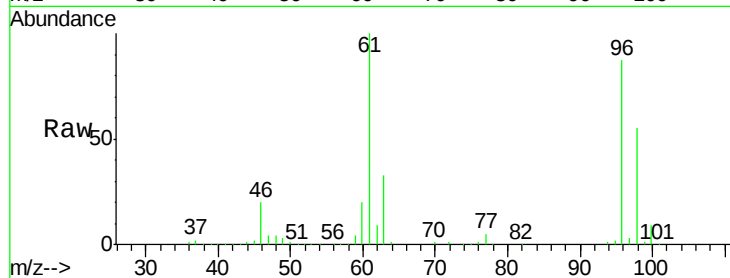


#22

cis-1,2-Dichloroethene
 Concen: 20.636 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VV006609.D
 Acq: 13 Jul 2018 22:40

Instrument :
 MSVOA_V
 ClientSampled :
 DB198

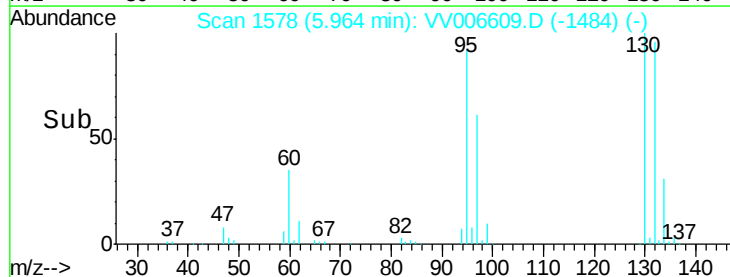
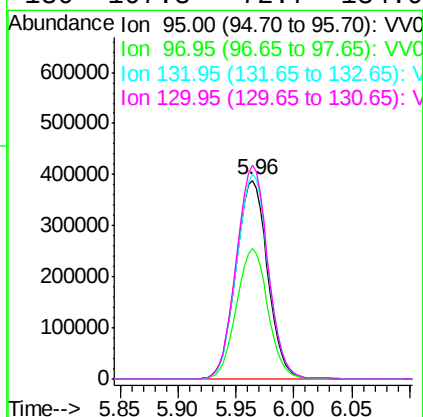
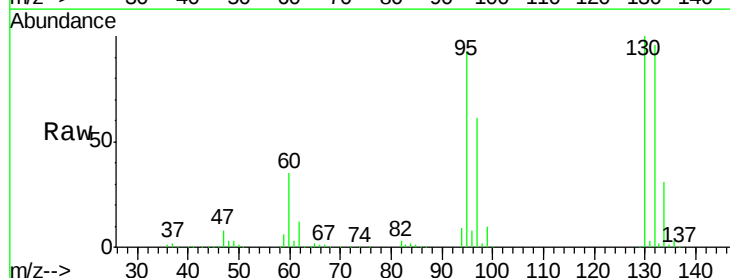
Tgt Ion: 96 Resp: 434396
 Ion Ratio Lower Upper
 96 100
 61 114.6 83.8 155.6
 68 0.0 0.0 0.0

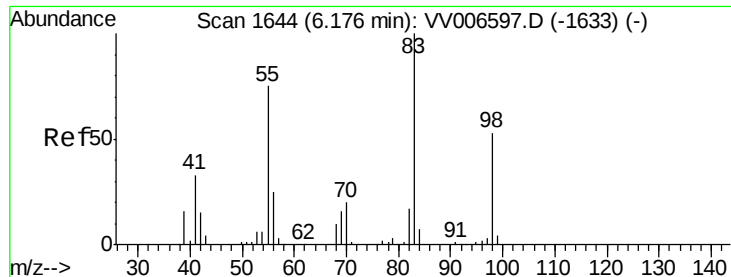


#34

Trichloroethene
 Concen: 36.634 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006609.D
 Acq: 13 Jul 2018 22:40

Tgt Ion: 95 Resp: 738081
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.3 82.3
 132 103.2 70.0 130.0
 130 107.3 72.7 134.9

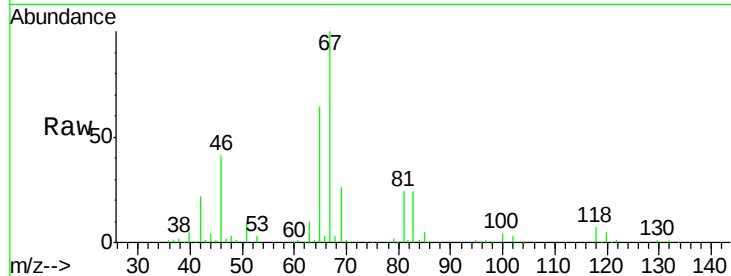




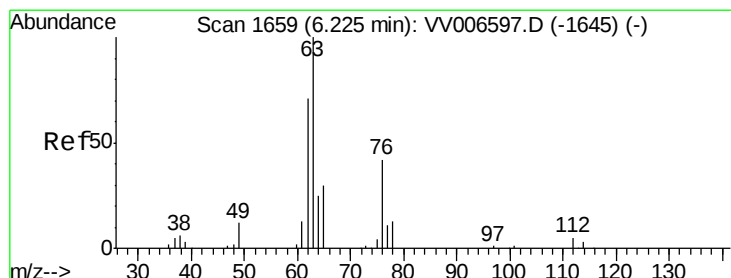
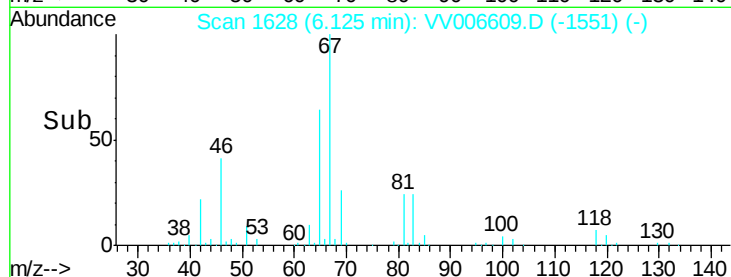
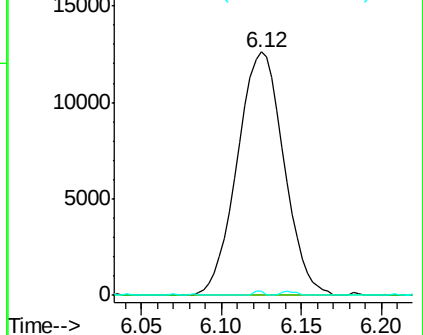
#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006609.D
Acq: 13 Jul 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
DB198

Tgt Ion: 83 Resp: 25121
Ion Ratio Lower Upper
83 100
55 0.0 58.3 87.5#
98 0.0 39.3 58.9#

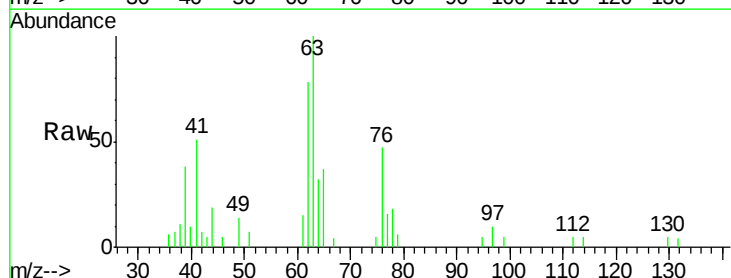


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

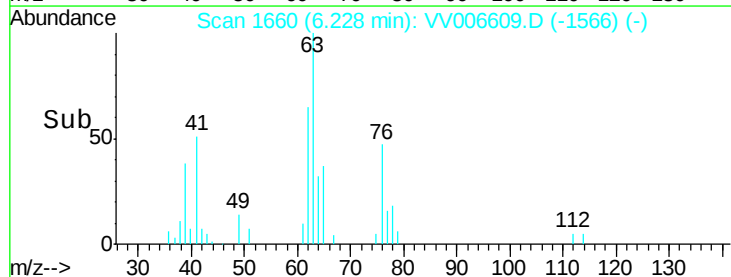
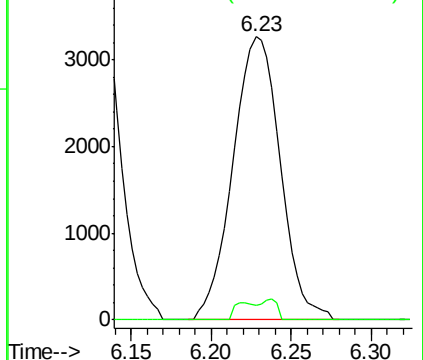


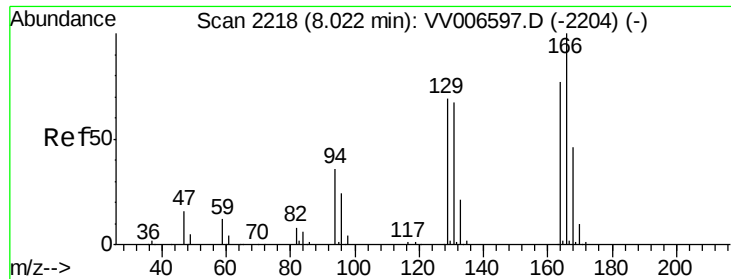
#37
1,2-Dichloropropane
Concen: 0.345 ug/L
RT: 6.23 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VV006609.D
Acq: 13 Jul 2018 22:40

Tgt Ion: 63 Resp: 6621
Ion Ratio Lower Upper
63 100
112 2.7 3.8 5.6#



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





#47

Tetrachloroethene

Concen: 0.759 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
DB198

Tgt Ion: 164 Resp: 12583

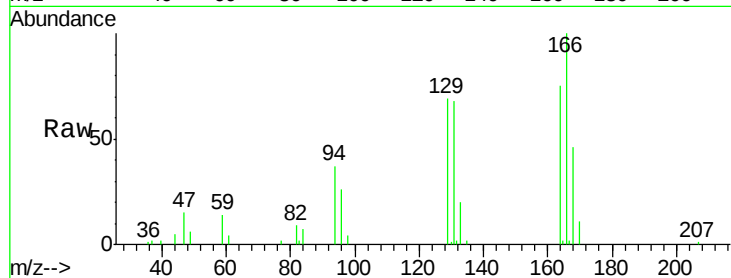
Ion Ratio Lower Upper

164 100

129 91.5 62.1 115.3

131 91.1 60.8 113.0

166 133.2 87.1 161.7

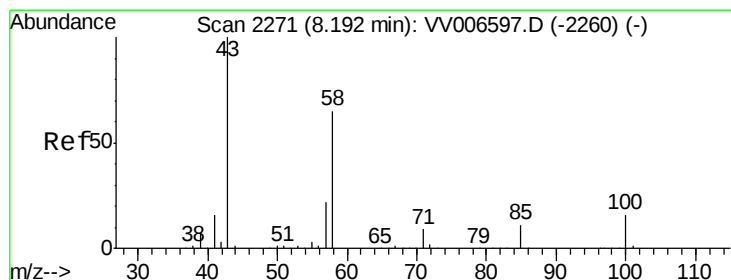
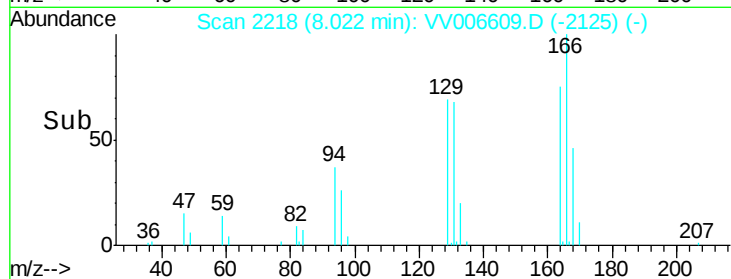
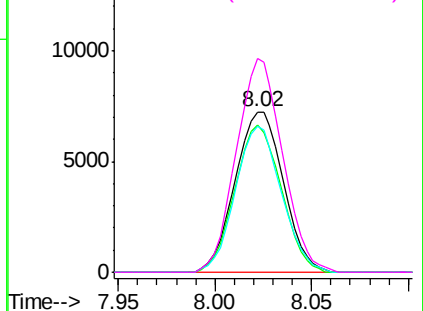


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.351 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Tgt Ion: 43 Resp: 2422

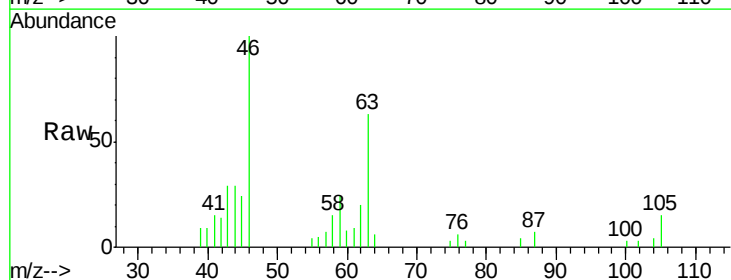
Ion Ratio Lower Upper

43 100

58 40.1 50.3 75.5#

57 20.2 17.0 25.4

100 3.8 12.3 18.5#

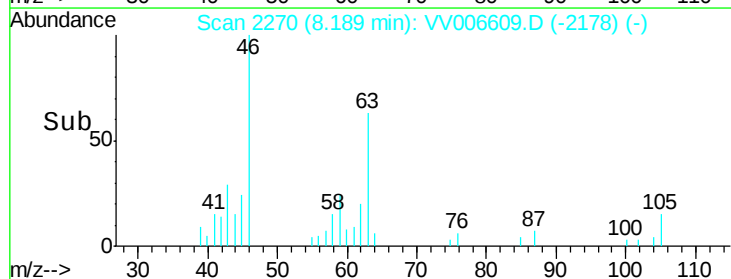
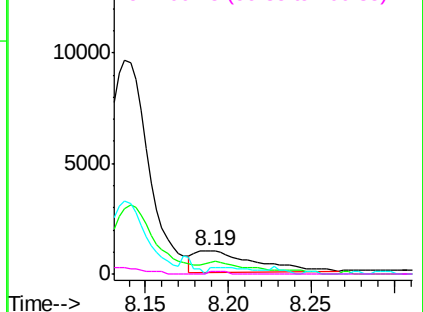


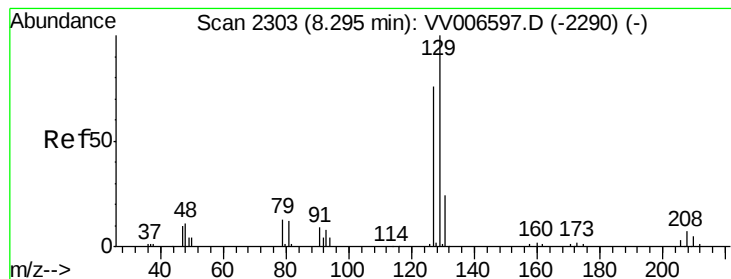
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.756 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

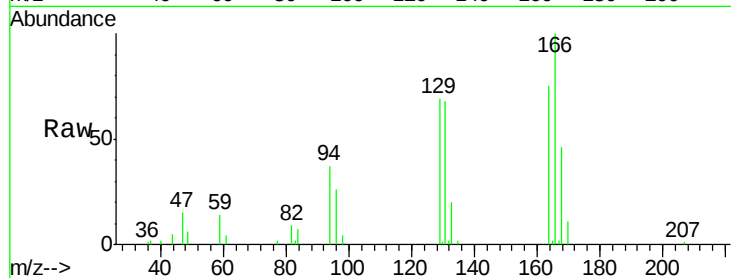
DB198

Tgt Ion:129 Resp: 10601

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

