

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017992.D
 Acq On : 14 Aug 2020 13:06
 Operator : SY/MD
 Sample : L3599-19ME 100X
 Misc : 6.890g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA1ME

Quant Time: Aug 17 01:35:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64339	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.86%
7) Chloroethane-d5	1.58	69	59604	37.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.58%
11) 1,1-Dichloroethene-d2	2.12	63	104558	27.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.94%#
21) 2-Butanone-d5	3.91	46	114856	89.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.75%
24) Chloroform-d	4.38	84	145955	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.06	65	100593	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
32) Benzene-d6	5.08	84	278236	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
36) 1,2-Dichloropropane-d6	6.09	67	96818	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.66%
41) Toluene-d8	7.34	98	244180	39.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.54%#
43) trans-1,3-Dichloropropene-	7.64	79	42018	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.11	63	54416	75.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123611	42.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	111491	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

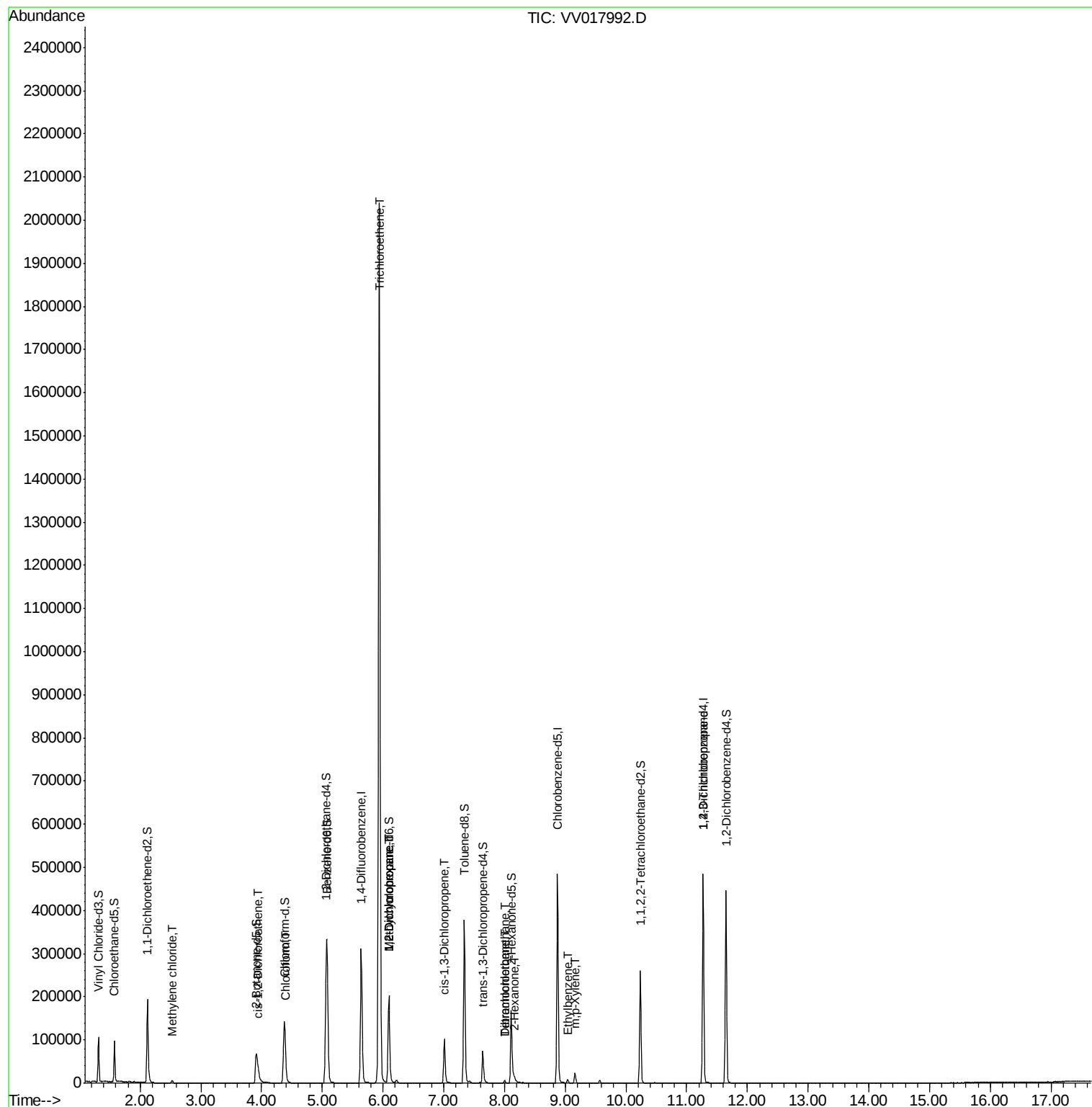
					Ovalue
16) Methylene chloride	2.52	84	2374	1.085	ug/L 93
20) cis-1,2-Dichloroethene	3.95	96	5265	2.713	ug/L 100
25) Chloroform	4.40	83	3488	0.963	ug/L 76
34) Trichloroethene	5.94	95	702044	342.204	ug/L 99
35) Methylcyclohexane	6.09	83	23158	7.591	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	11220	5.301	ug/L # 96
39) cis-1,3-Dichloropropene	7.01	75	2472	0.824	ug/L # 72
46) Tetrachloroethene	8.00	164	1246	0.828	ug/L 95
48) 2-Hexanone	8.16	43	6615	2.965	ug/L # 84
49) Dibromochloromethane	8.00	129	1333	0.697	ug/L # 10
52) Ethylbenzene	9.04	91	6228	0.705	ug/L 89
53) m,p-Xylene	9.16	106	6989	2.152	ug/L 99
59) 1,2,3-Trichloropropane	11.27	75	14681	5.616	ug/L 92

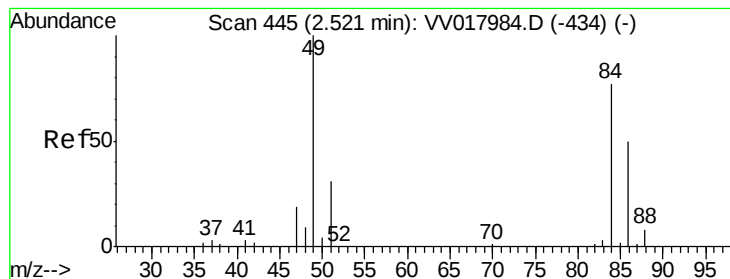
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 17 01:35:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.085 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

Instrument :

MSVOA_V

ClientSampled :

GAYA1ME

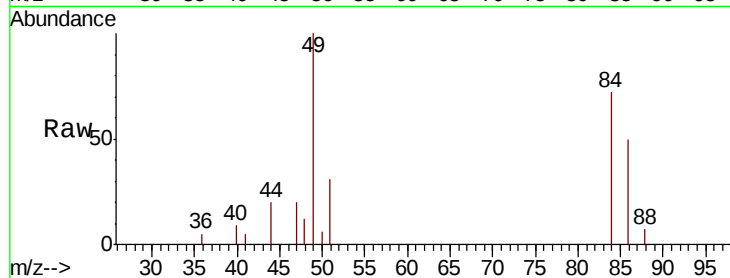
Tot Ion: 84 Resp: 2374

Ion Ratio Lower Upper

84 100

86 69.4 46.3 85.9

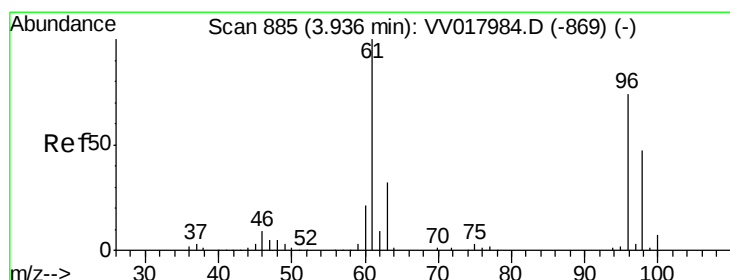
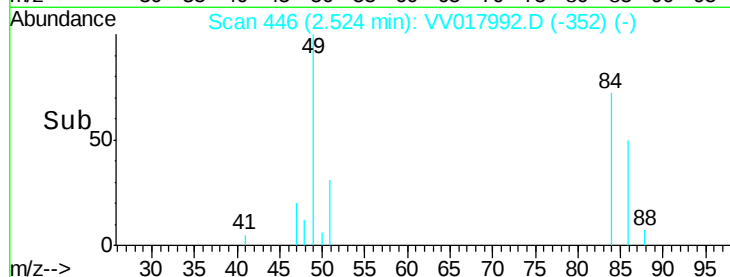
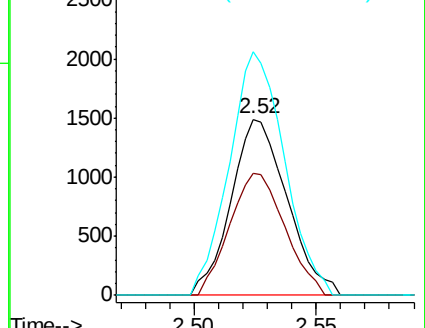
49 138.3 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 2.713 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

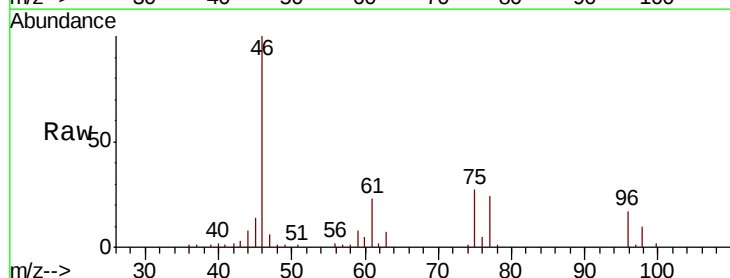
Tgt Ion: 96 Resp: 5265

Ion Ratio Lower Upper

96 100

61 135.4 95.0 176.4

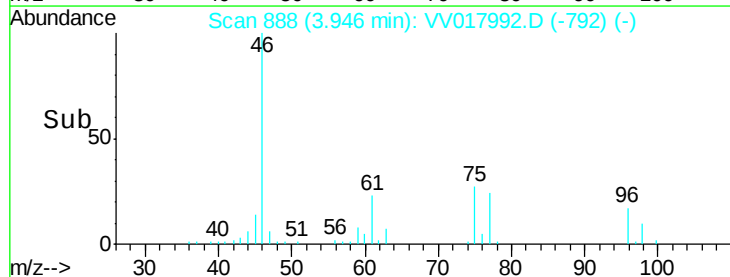
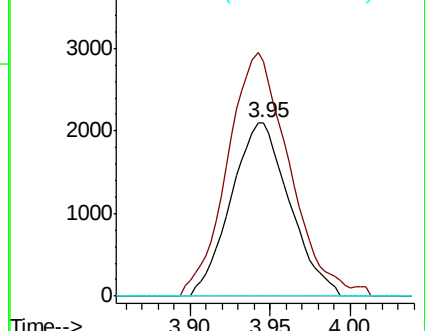
68 0.0 0.0 0.0

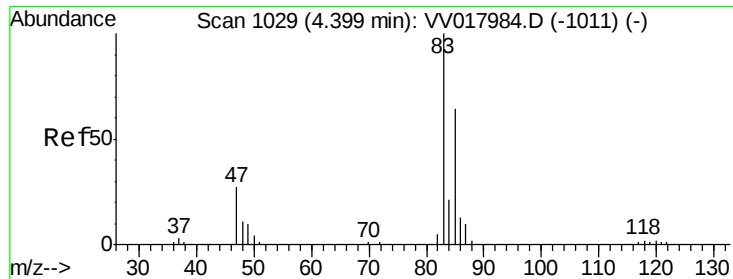


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

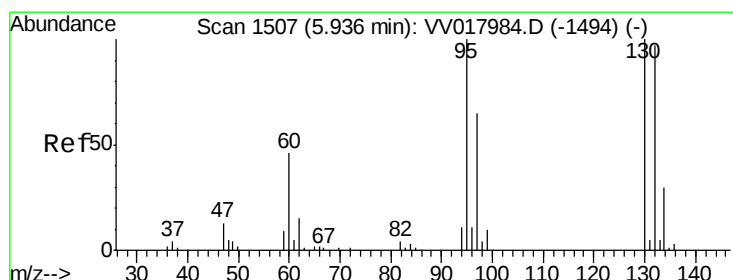
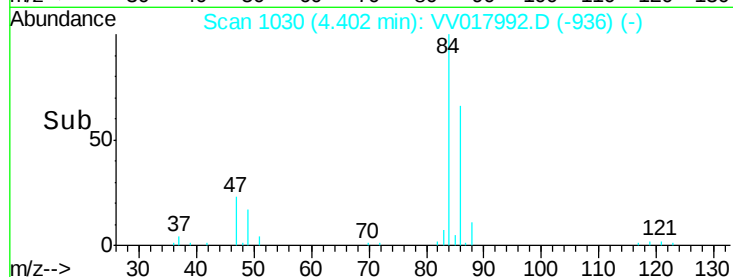
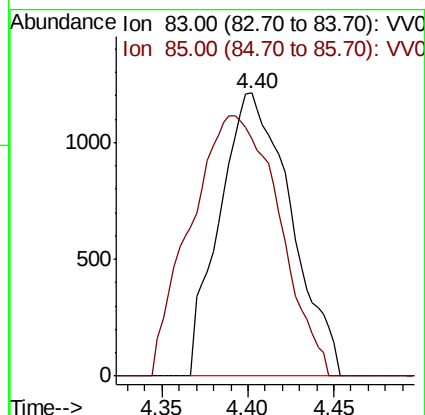
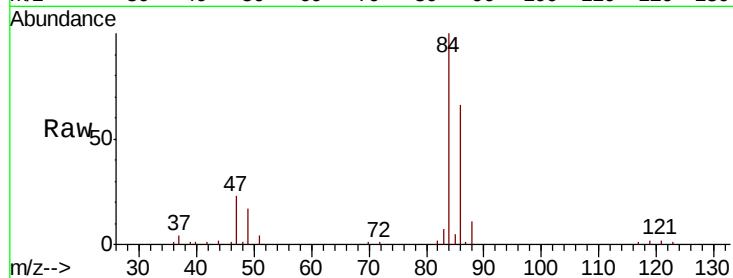




#25
Chloroform
Concen: 0.963 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

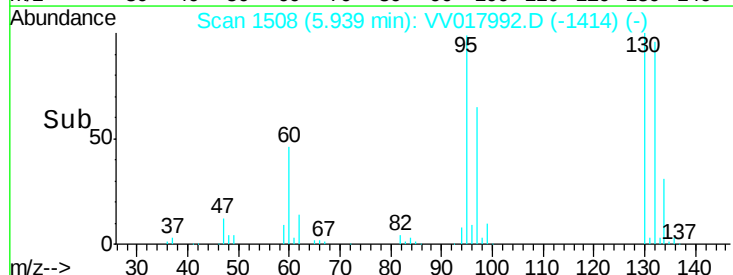
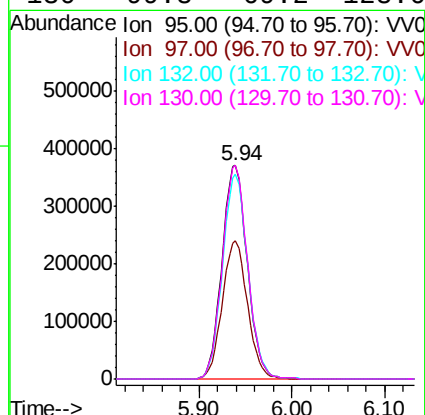
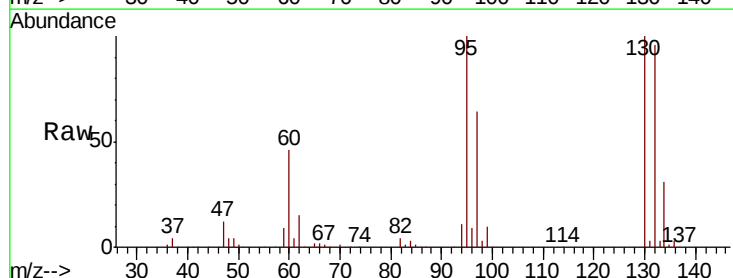
Instrument :
MSVOA_V
ClientSampleId :
GAYA1ME

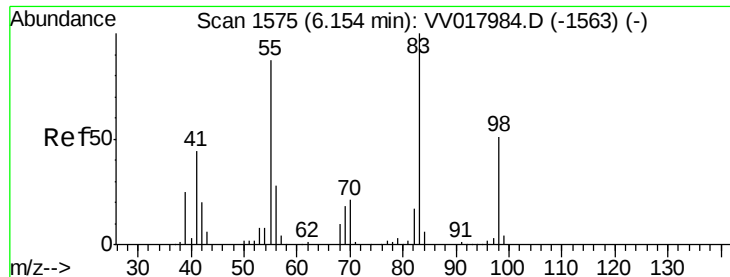
Tot Ion: 83 Resp: 3488
Ion Ratio Lower Upper
83 100
85 83.8 45.5 84.5



#34
Trichloroethene
Concen: 342.204 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

Tgt Ion: 95 Resp: 702044
Ion Ratio Lower Upper
95 100
97 64.5 46.0 85.4
132 96.0 65.8 122.2
130 99.8 69.2 128.6

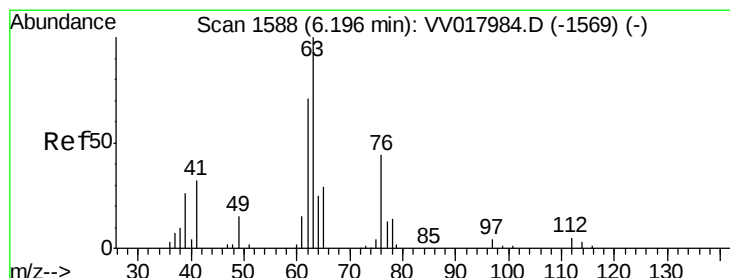
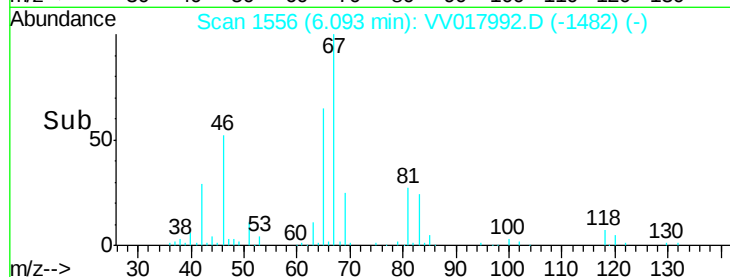
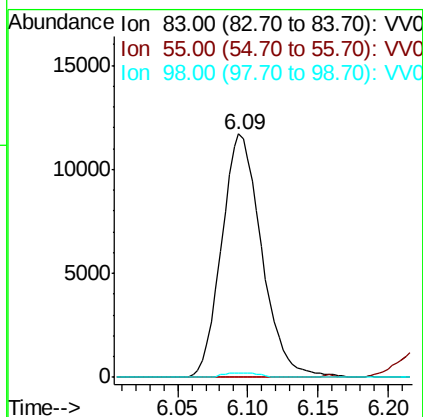
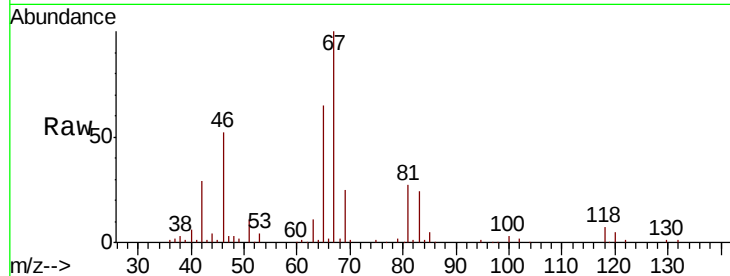




#35
Methvlcvclohexane
Concen: 7.591 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

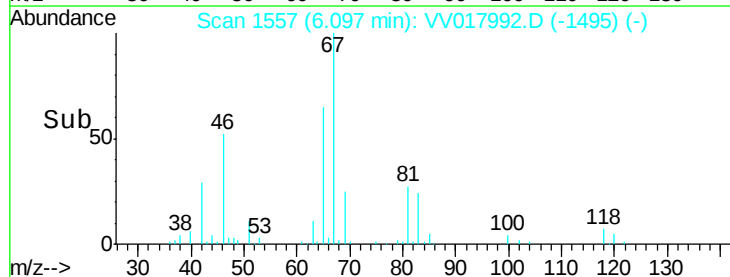
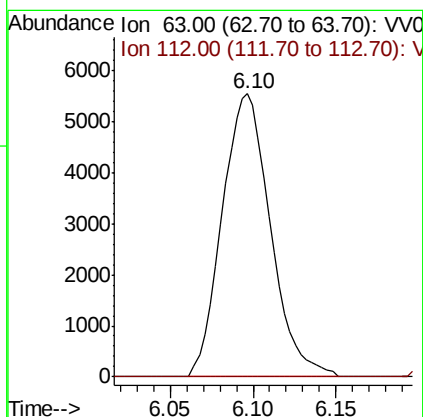
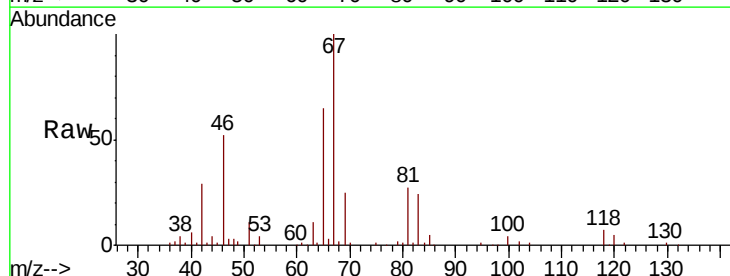
Instrument :
MSVOA_V
ClientSampleId :
GAYA1ME

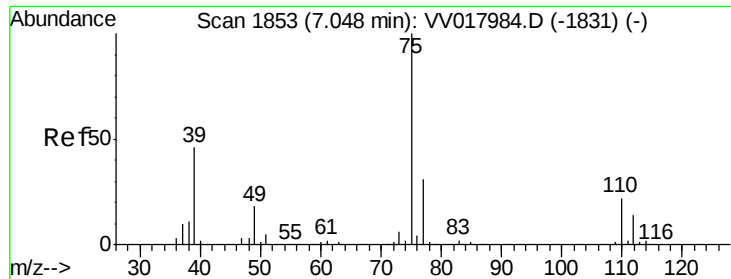
Tot Ion: 83 Resp: 23158
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.6 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 5.301 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

Tgt Ion: 63 Resp: 11220
Ion Ratio Lower Upper
63 100
112 5.6 3.5 5.3#

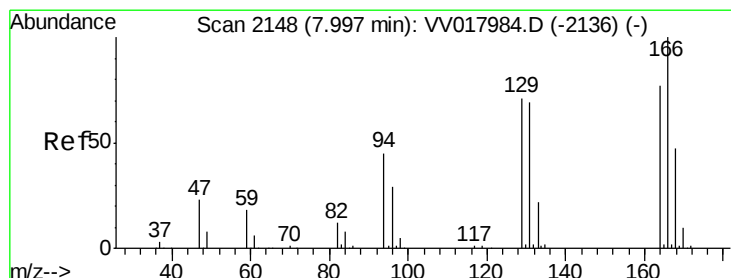
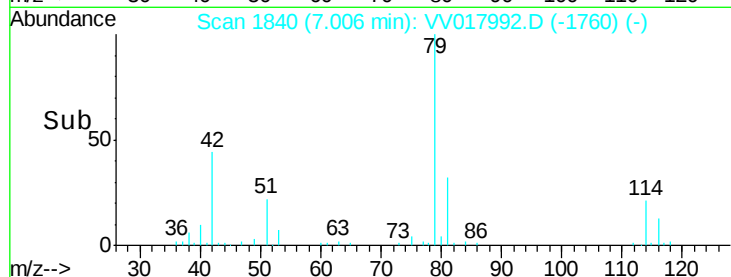
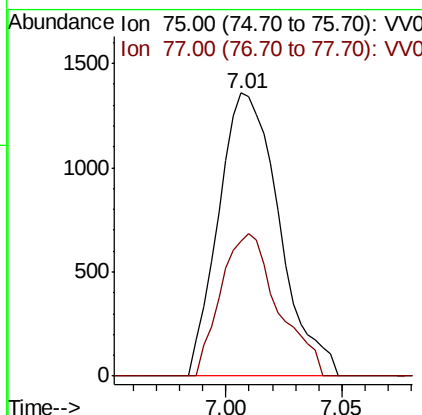
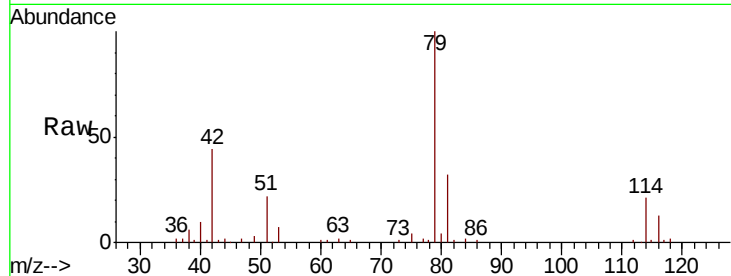




#39
 cis-1,3-Dichloropropene
 Concen: 0.824 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017992.D
 Acq: 14 Aug 2020 13:06

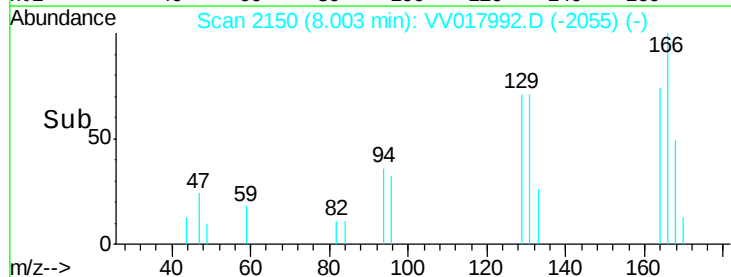
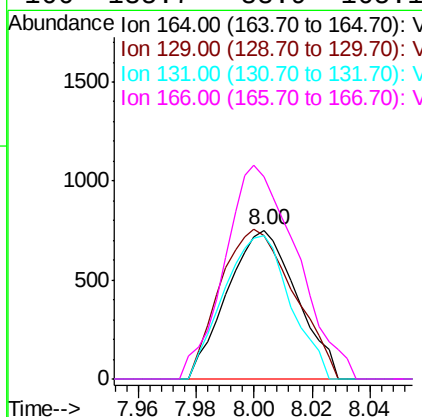
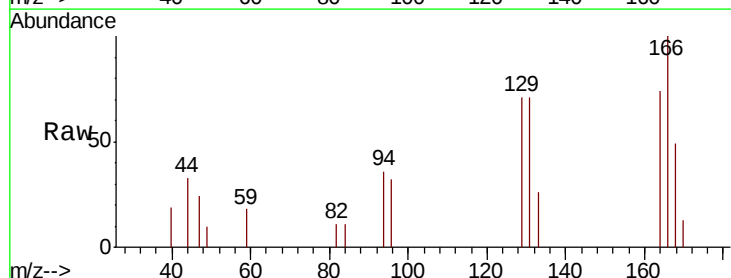
Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA1ME

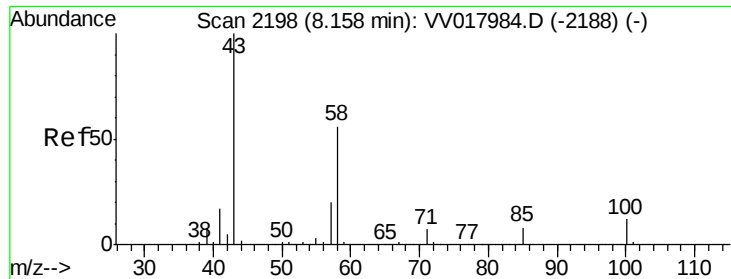
Tot Ion: 75 Resp: 2472
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 0.828 ug/L
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: VV017992.D
 Acq: 14 Aug 2020 13:06

Tgt Ion: 164 Resp: 1246
 Ion Ratio Lower Upper
 164 100
 129 96.3 64.8 120.3
 131 96.1 64.5 119.9
 166 135.7 88.9 165.1

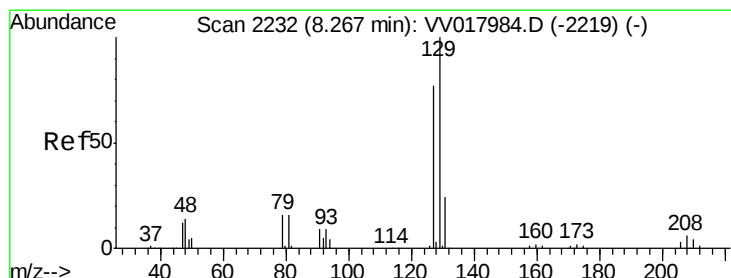
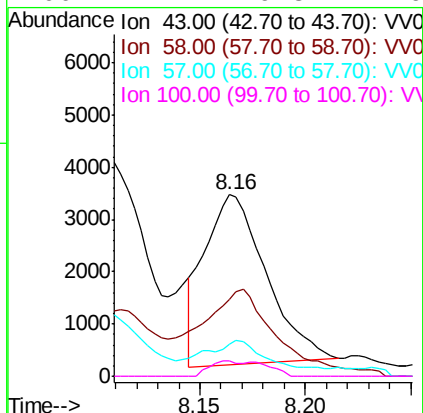
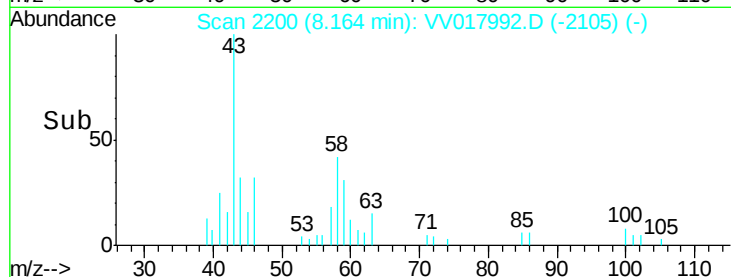
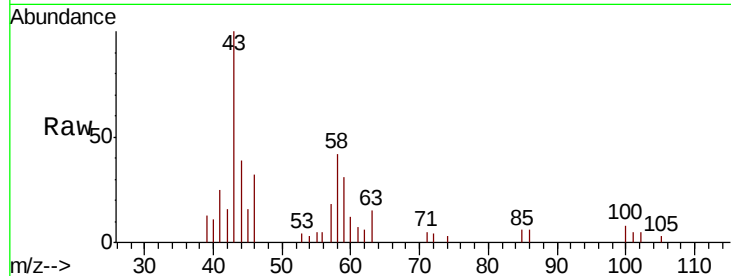




#48
2-Hexanone
Concen: 2.965 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

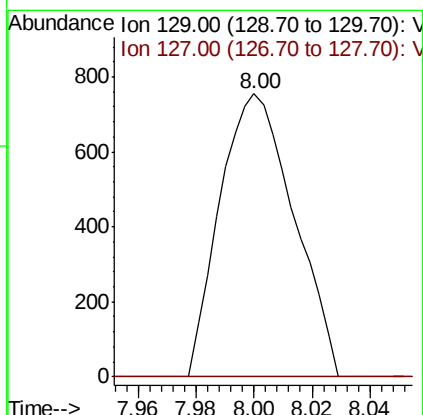
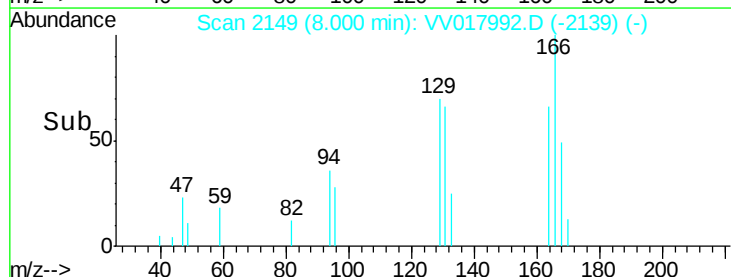
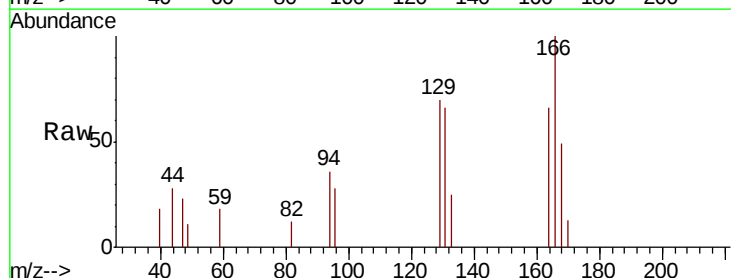
Instrument :
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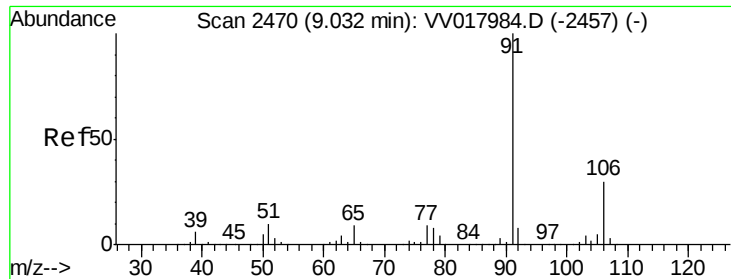
Tot Ion: 43 Resp: 6615
Ion Ratio Lower Upper
43 100
58 45.7 44.4 66.6
57 9.9 15.2 22.8#
100 4.7 9.8 14.6#



#49
Dibromochloromethane
Concen: 0.697 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

Tgt Ion: 129 Resp: 1333
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#

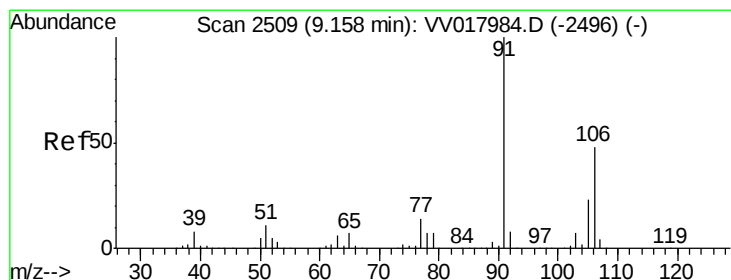
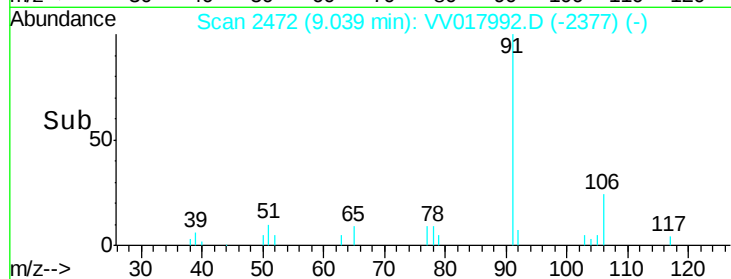
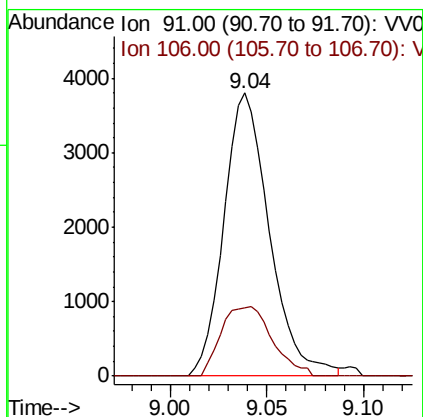
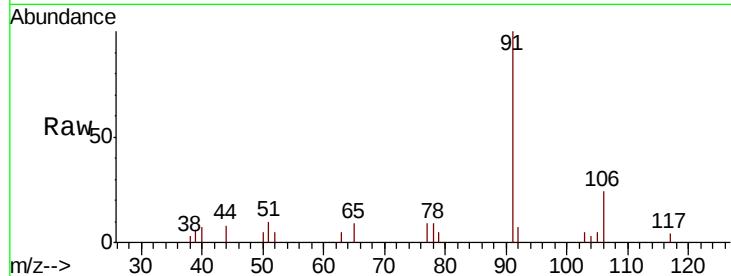




#52
Ethylbenzene
Concen: 0.705 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

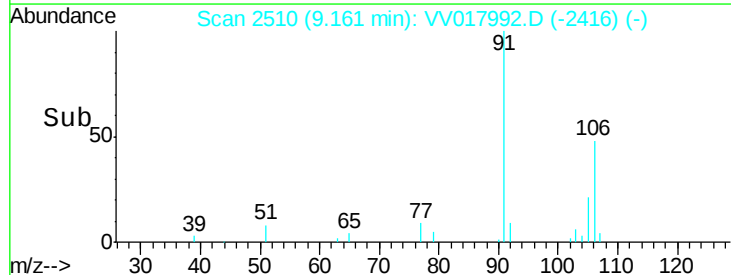
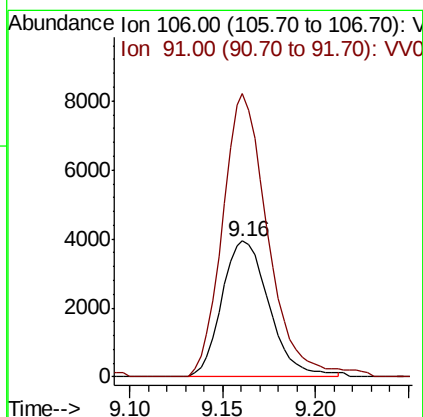
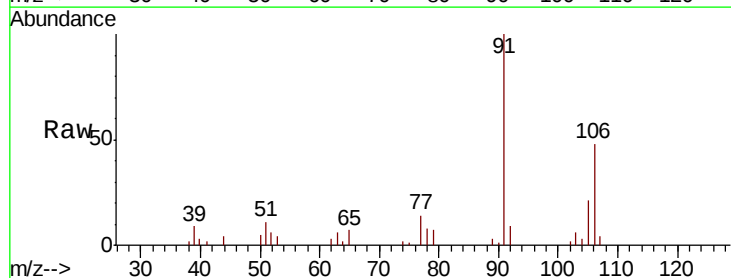
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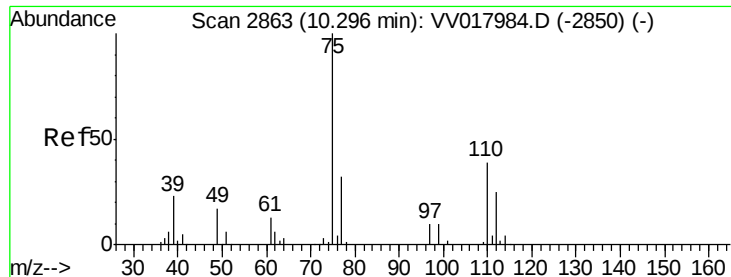
Tot Ion: 91 Resp: 6228
Ion Ratio Lower Upper
91 100
106 24.2 21.1 39.3



#53
m,p-Xylene
Concen: 2.152 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017992.D
Acq: 14 Aug 2020 13:06

Tgt Ion: 106 Resp: 6989
Ion Ratio Lower Upper
106 100
91 208.3 147.3 273.6





#59

1,2,3-Trichloropropane

Concen: 5.616 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

Instrument :

MSVOA_V

ClientSampleId :

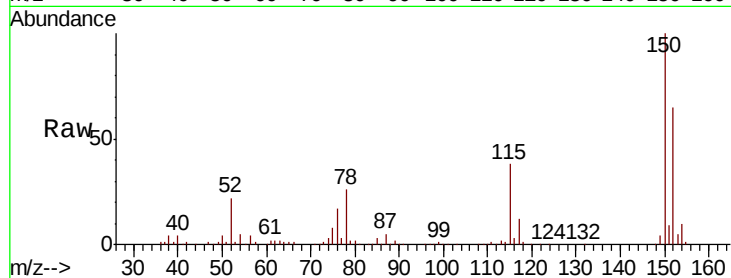
GAYA1ME

Tot Ion: 75 Resp: 14681

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

