

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080619\
 Data File : VU033608.D
 Acq On : 06 Aug 2019 15:01
 Operator : JC/SP
 Sample : K4187-03DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G7DL

Quant Time: Aug 07 05:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 05:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	320872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	318999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	145056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102004	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.48%
7) Chloroethane-d5	1.67	69	98860	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.50%
11) 1,1-Dichloroethene-d2	2.26	63	131290	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.12%
21) 2-Butanone-d5	4.15	46	183903	110.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	4.62	84	188335	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.29	65	126279	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.32	84	371870	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.31	67	126171	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.06%
41) Toluene-d8	7.55	98	314753	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.83	79	56383	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.30	63	130710	107.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	199425	52.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	137868	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%

Target Compounds

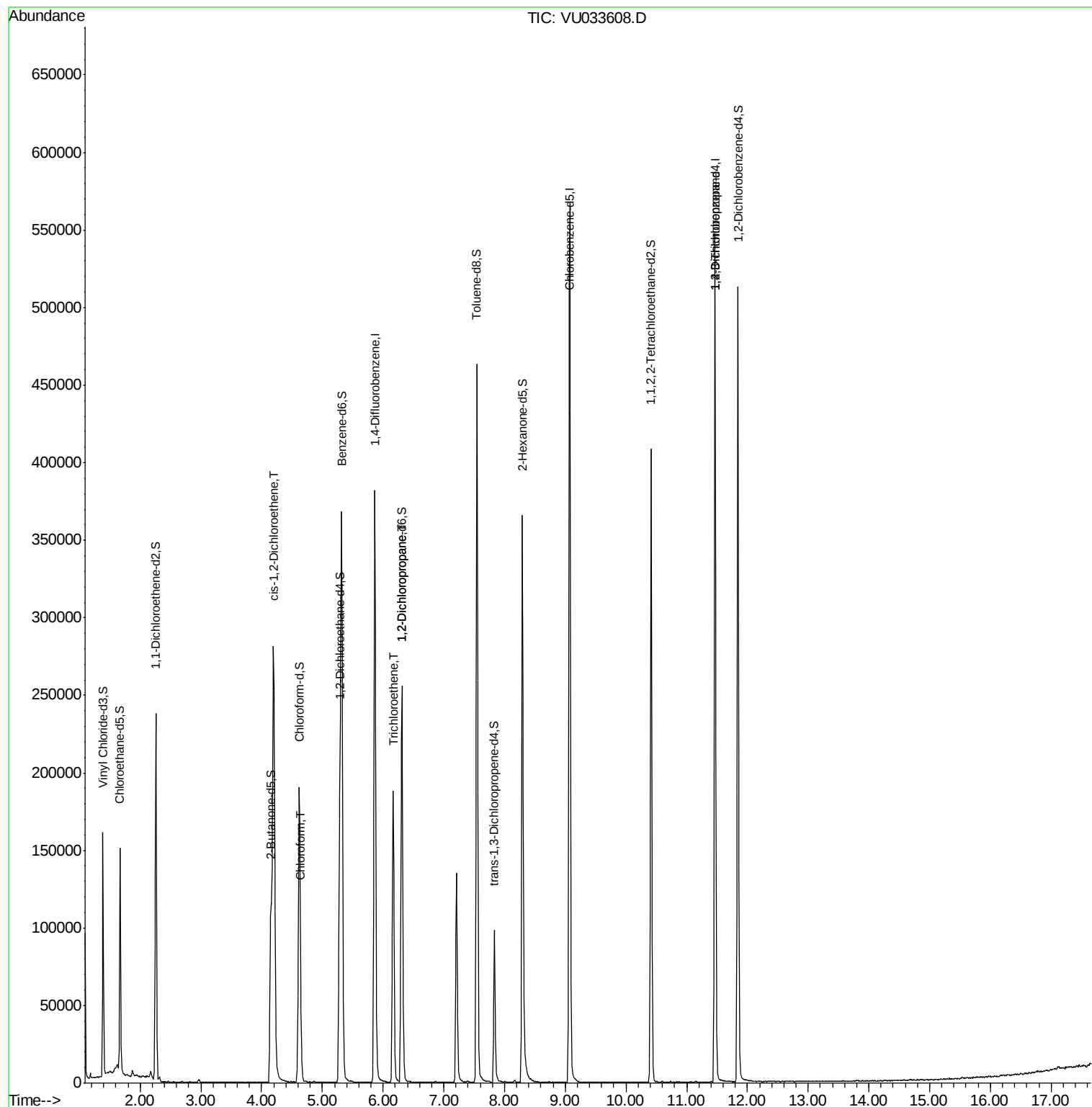
					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	157549	63.885 ug/L	97
25) Chloroform	4.65	83	5219	1.200 ug/L	100
34) Trichloroethene	6.16	95	66225	27.076 ug/L	99
37) 1,2-Dichloropropane	6.31	63	13681	5.275 ug/L #	90
59) 1,2,3-Trichloropropane	11.47	75	16820	4.952 ug/L #	85

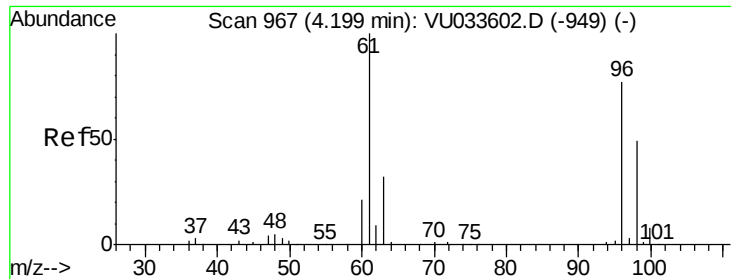
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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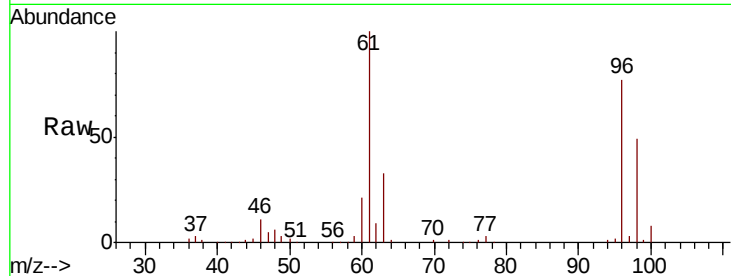




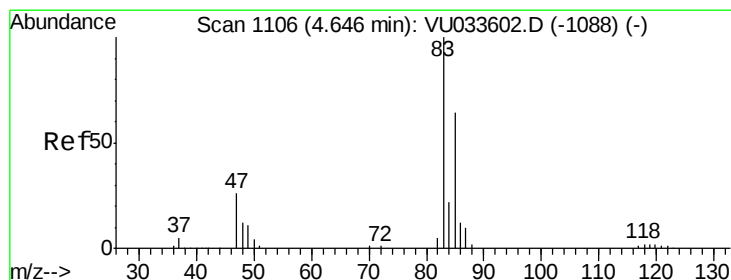
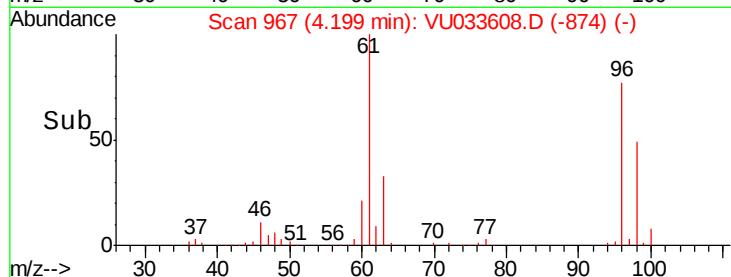
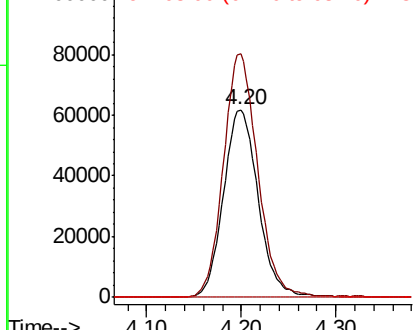
#20
 cis-1,2-Dichloroethene
 Concen: 63.885 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033608.D
 Acq: 06 Aug 2019 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G7DL

Tgt Ion: 96 Resp: 157549
 Ion Ratio Lower Upper
 96 100
 61 129.7 88.2 163.8
 68 0.0 0.0 0.0

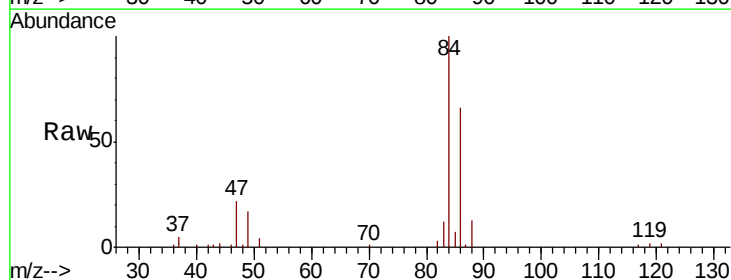


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

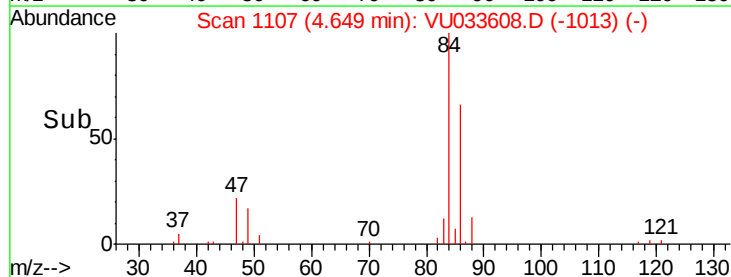
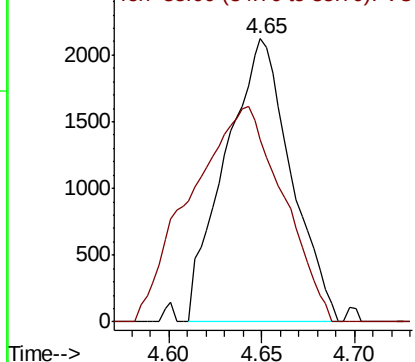


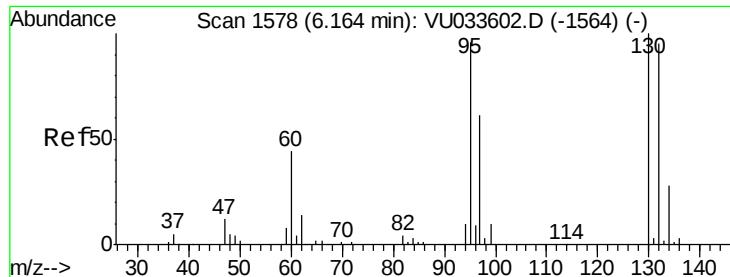
#25
 Chloroform
 Concen: 1.200 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033608.D
 Acq: 06 Aug 2019 15:01

Tgt Ion: 83 Resp: 5219
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.9 83.3



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 27.076 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033608.D

Acq: 06 Aug 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

DB9G7DL

Tgt Ion: 95 Resp: 66225

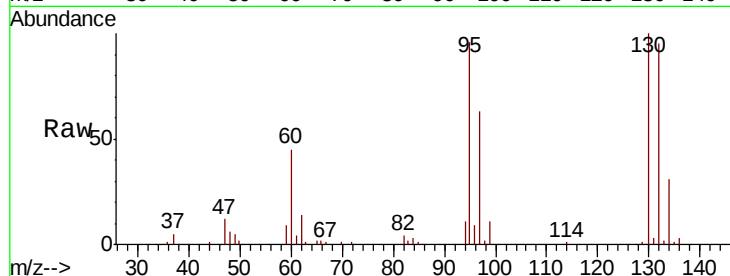
Ion Ratio Lower Upper

95 100

97 65.6 43.8 81.4

132 98.5 68.6 127.4

130 103.7 72.2 134.2



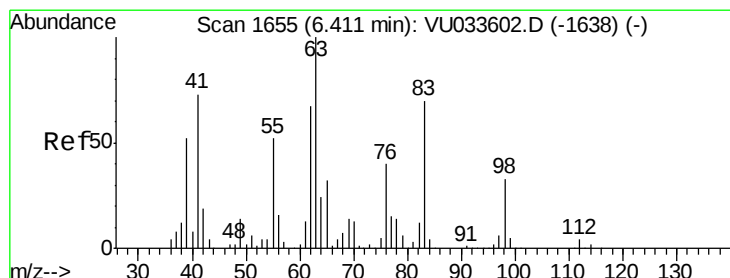
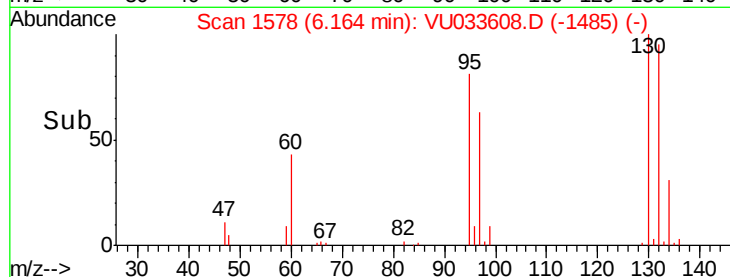
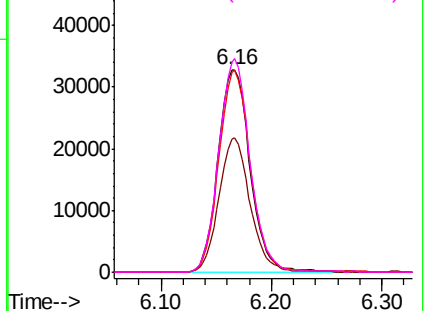
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.275 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033608.D

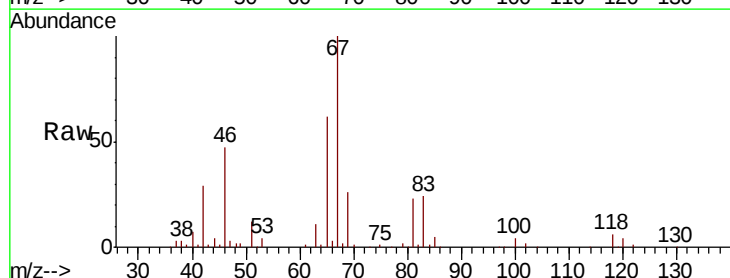
Acq: 06 Aug 2019 15:01

Tgt Ion: 63 Resp: 13681

Ion Ratio Lower Upper

63 100

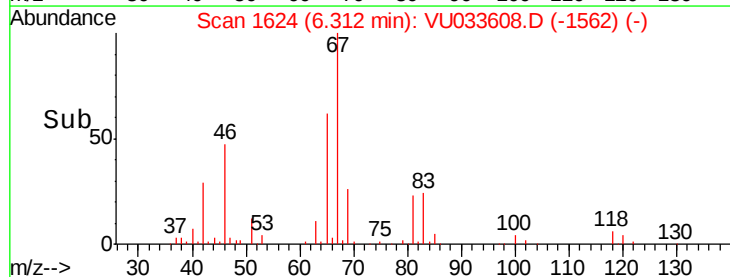
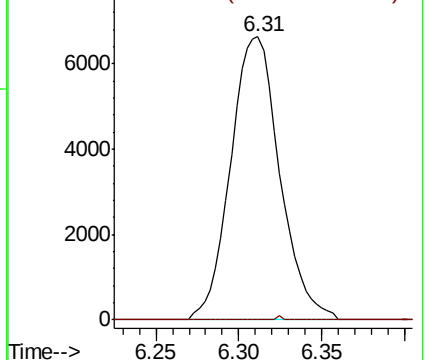
112 0.4 3.0 4.6#

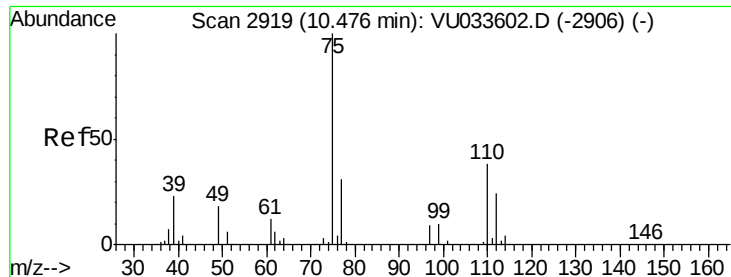


Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.952 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033608.D

Acq: 06 Aug 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

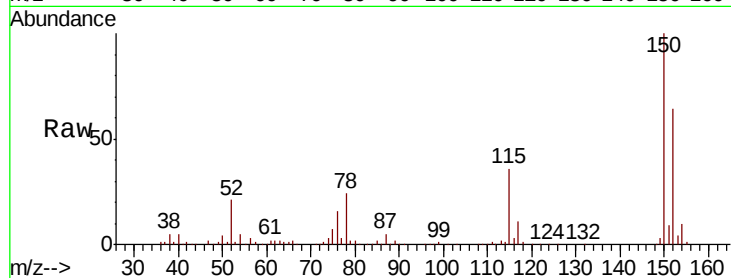
DB9G7DL

Tgt Ion: 75 Resp: 16820

Ion Ratio Lower Upper

75 100

77 40.5 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

