

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024622.D
 Acq On : 16 Jun 2018 03:27
 Operator : MD/SY
 Sample : J3506-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0801

Quant Time: Jun 16 04:40:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 03:36:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	115034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68771	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.14%
7) Chloroethane-d5	1.68	69	60568	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	112374	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	4.18	46	145422	99.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.65	84	159524	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.31	65	106501	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.35	84	328944	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.34	67	111604	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.78%
41) Toluene-d8	7.57	98	314990	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.85	79	49120	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.31	63	116194	105.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.95%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156063	49.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	120303	54.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

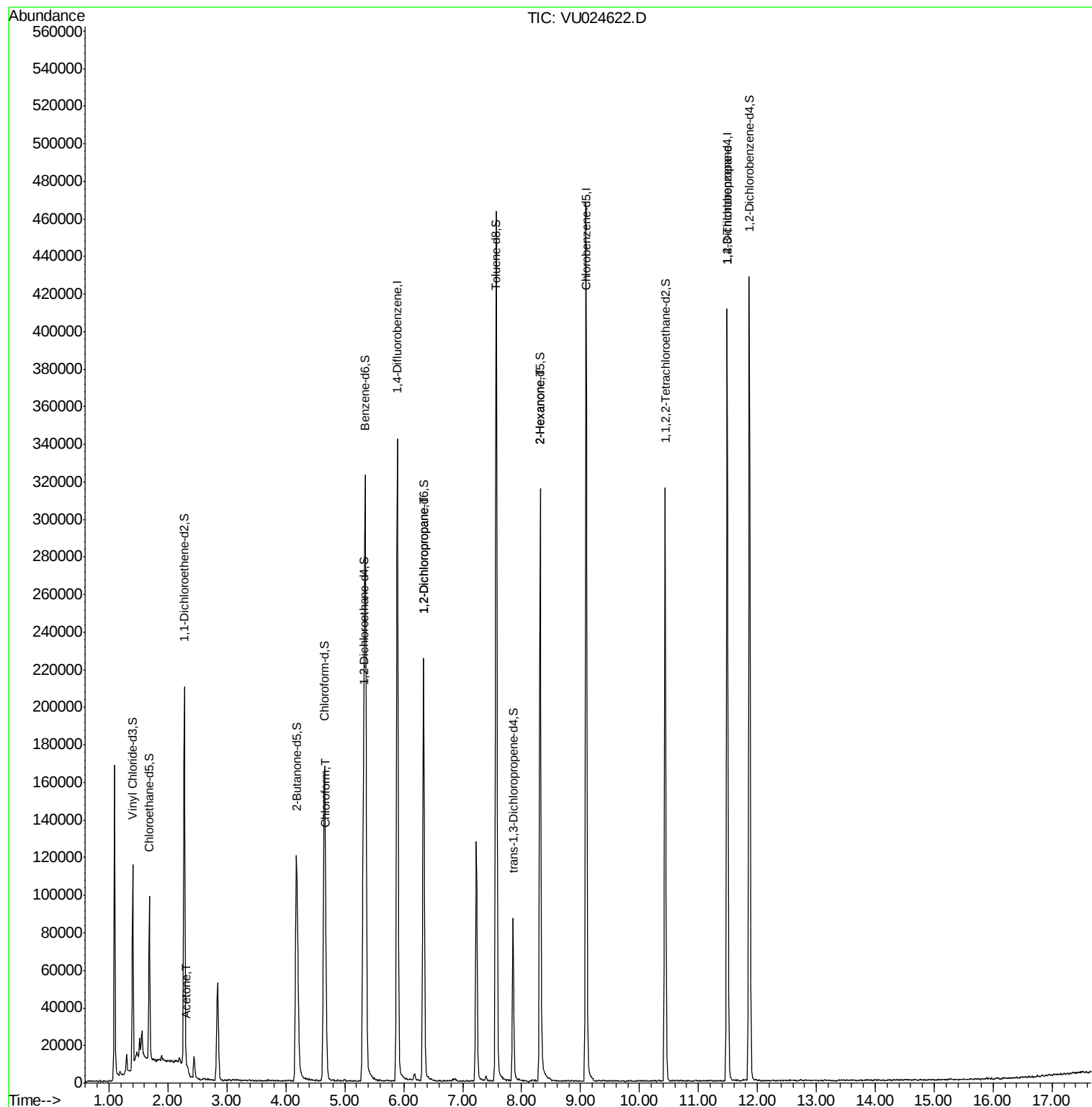
					Qvalue
13) Acetone	2.32	43	2806	1.792 ug/L	70
25) Chloroform	4.68	83	25147	6.504 ug/L	94
37) 1,2-Dichloropropane	6.34	63	11313	5.252 ug/L #	88
48) 2-Hexanone	8.31	43	12567	4.835 ug/L #	71
59) 1,2,3-Trichloropropane	11.49	75	13479	4.922 ug/L #	88

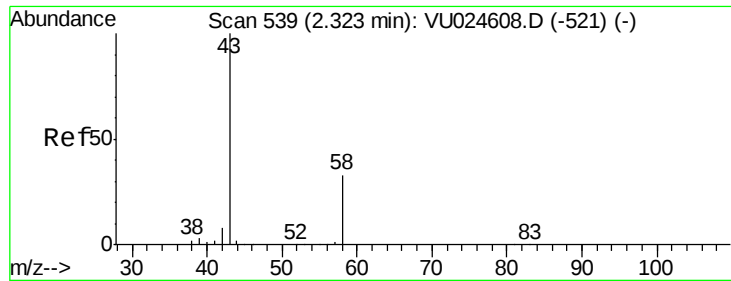
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 03:36:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.792 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024622.D

Acq: 16 Jun 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

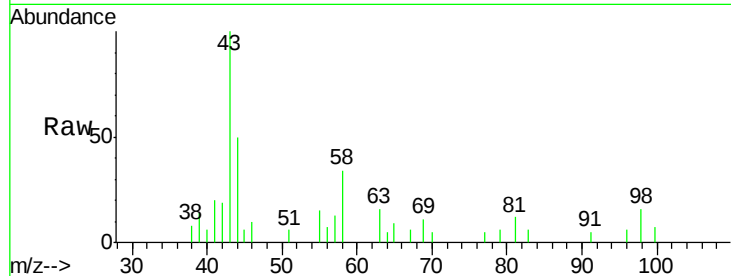
C0801

Tgt Ion: 43 Resp: 2806

Ion Ratio Lower Upper

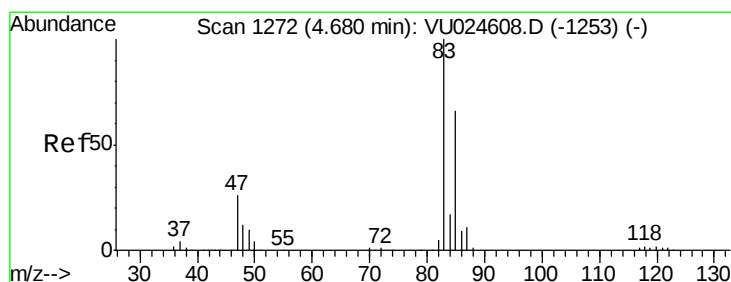
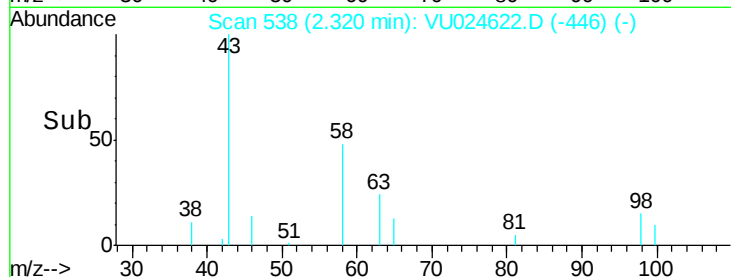
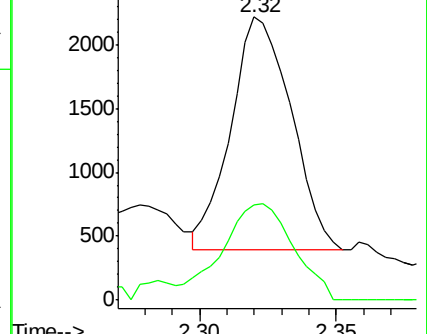
43 100

58 48.8 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 6.504 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024622.D

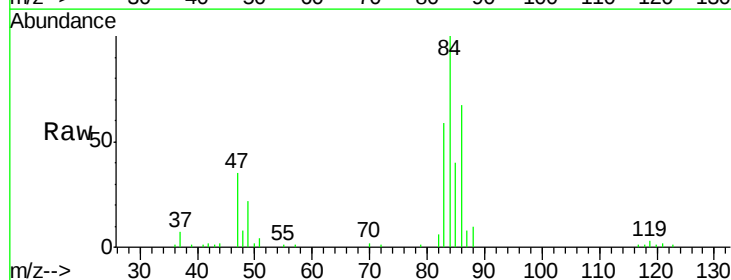
Acq: 16 Jun 2018 03:27

Tgt Ion: 83 Resp: 25147

Ion Ratio Lower Upper

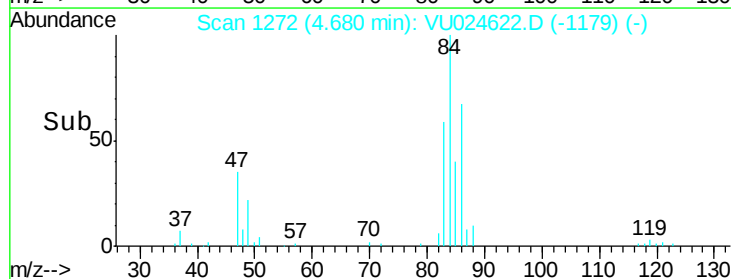
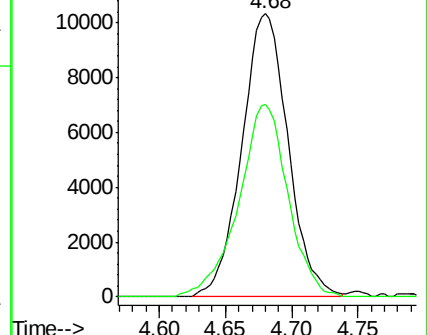
83 100

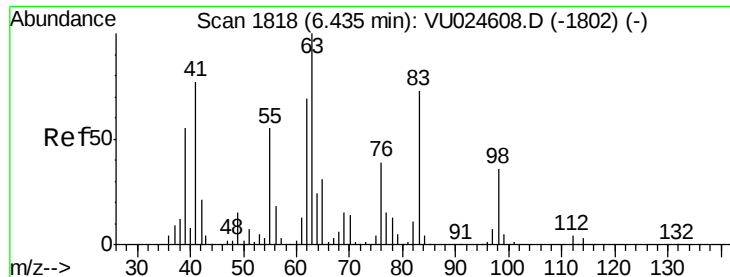
85 67.9 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

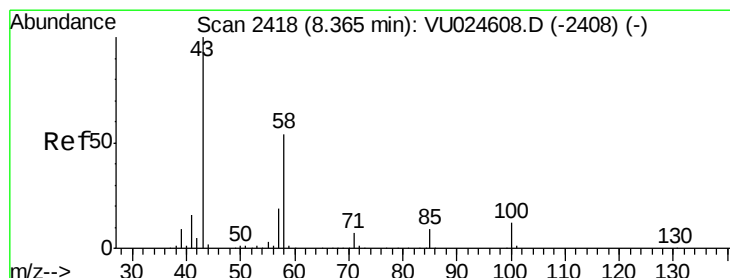
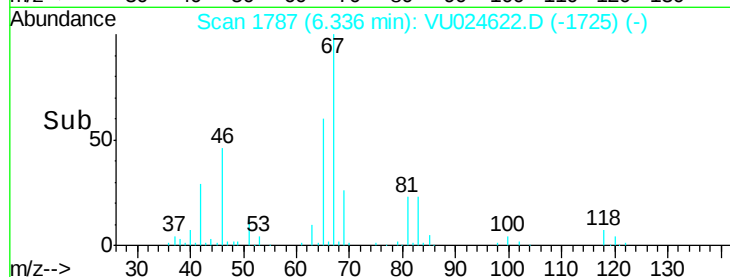
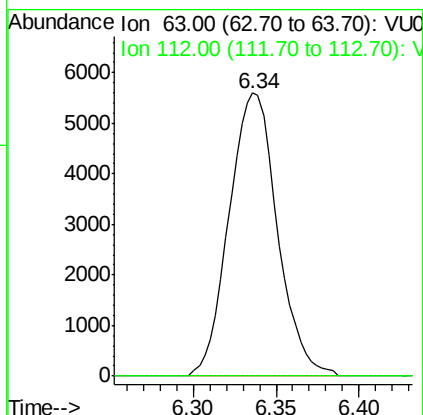
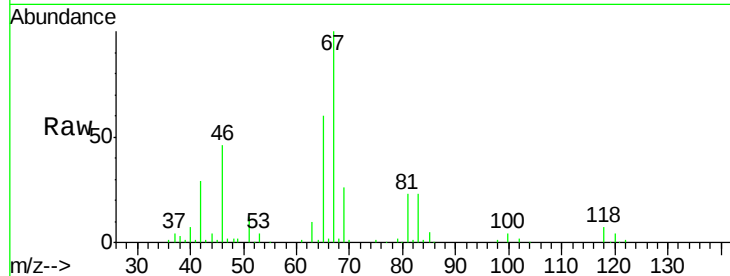




#37
 1,2-Dichloropropane
 Concen: 5.252 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024622.D
 Acq: 16 Jun 2018 03:27

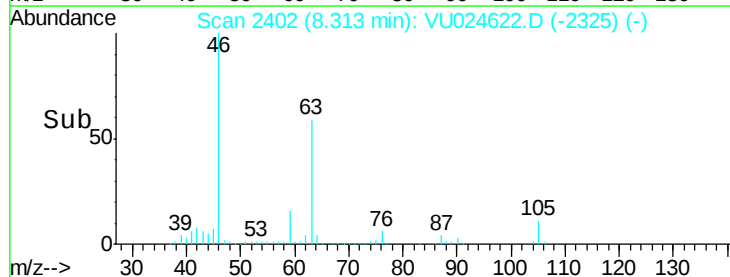
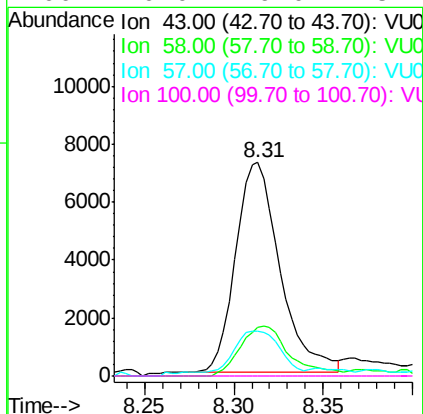
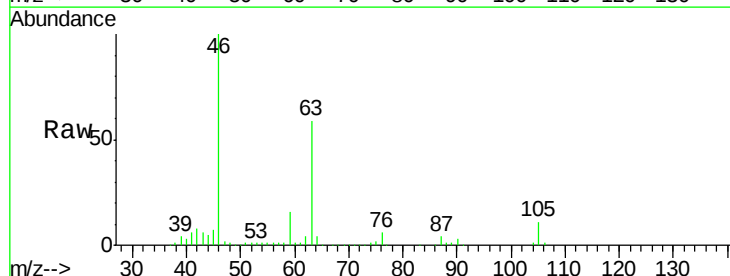
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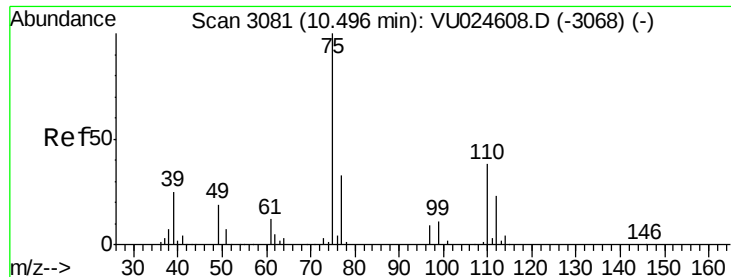
Tgt Ion: 63 Resp: 11313
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 4.835 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU024622.D
 Acq: 16 Jun 2018 03:27

Tgt Ion: 43 Resp: 12567
 Ion Ratio Lower Upper
 43 100
 58 26.4 42.6 63.8#
 57 20.6 14.7 22.1
 100 0.0 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 4.922 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024622.D

Acq: 16 Jun 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

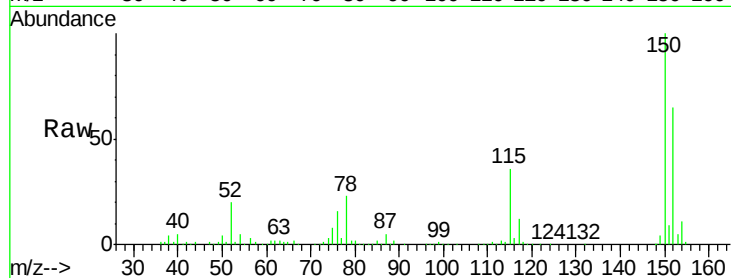
C0801

Tgt Ion: 75 Resp: 13479

Ion Ratio Lower Upper

75 100

77 39.9 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

