

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019640.D
 Acq On : 15 Dec 2020 06:16
 Operator : SY/MD
 Sample : L5424-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AY0

Quant Time: Dec 15 10:32:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	585493	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	542133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	246127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	180238	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.86%
7) Chloroethane-d5	1.57	69	163135	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.11	63	275621	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
21) 2-Butanone-d5	3.89	46	261273	114.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.49%
24) Chloroform-d	4.35	84	376384	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.04	65	262437	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
32) Benzene-d6	5.05	84	742477	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
36) 1,2-Dichloropropane-d6	6.07	67	241861	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.80%
41) Toluene-d8	7.32	98	647455	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%
43) trans-1,3-Dichloropropene-	7.62	79	113930	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
47) 2-Hexanone-d5	8.09	63	182574	102.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.71%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	318778	52.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.06%
64) 1,2-Dichlorobenzene-d4	11.63	152	239601	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

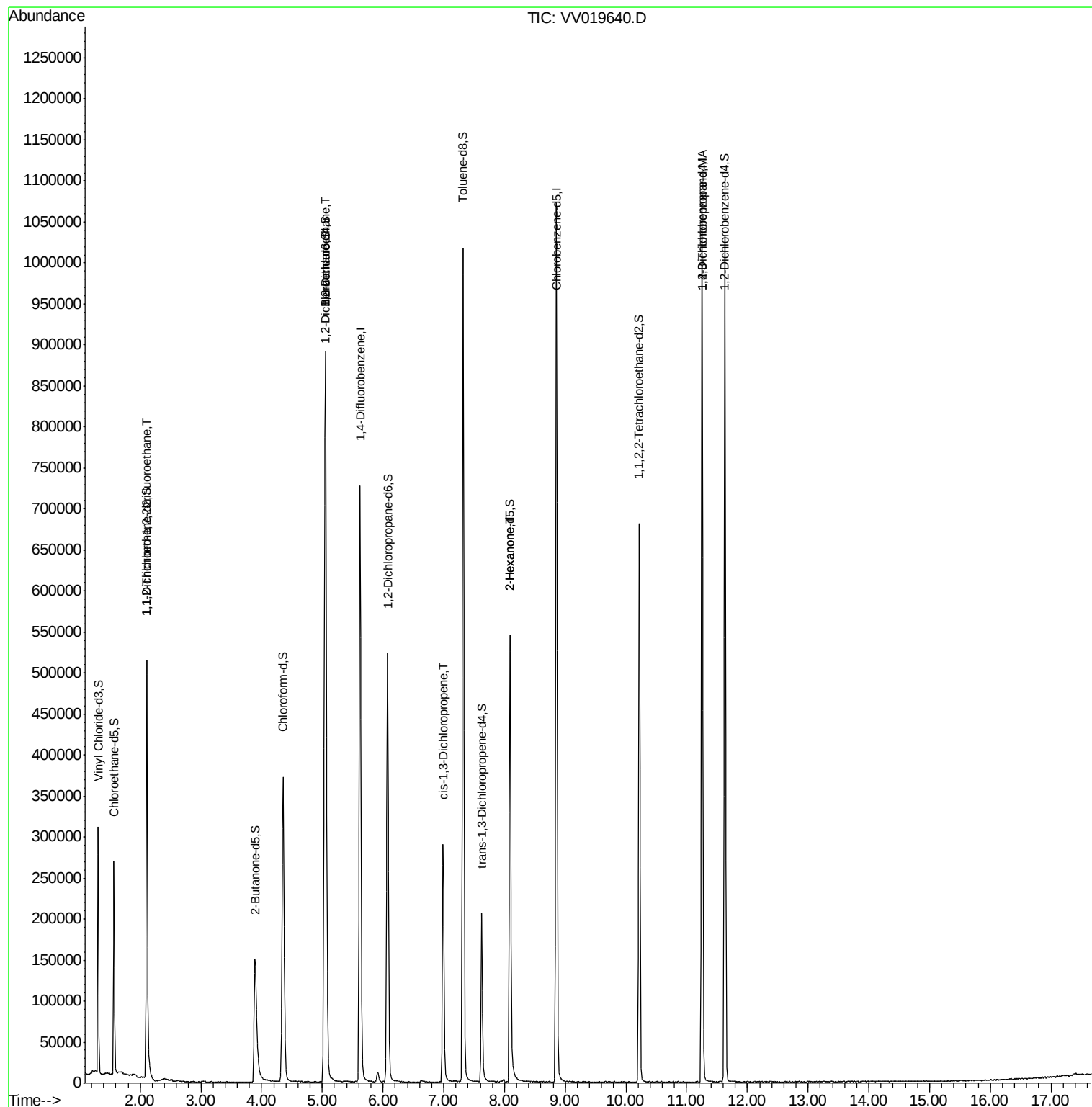
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2244	0.660 ug/L #	22
27) 1,2-Dichloroethane	5.05	62	5186	0.846 ug/L	100
39) cis-1,3-Dichloropropene	6.99	75	7042	1.025 ug/L #	54
48) 2-Hexanone	8.09	43	21910	4.837 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	34082	6.622 ug/L	91

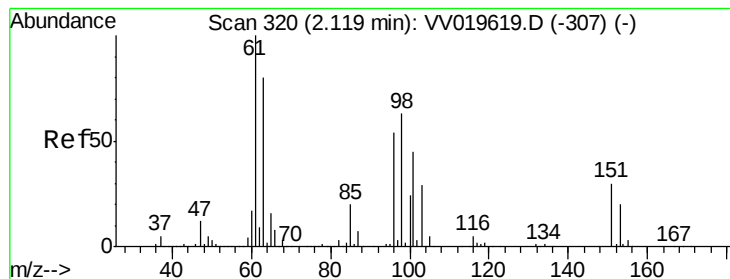
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 10:26:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.660 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019640.D

Acq: 15 Dec 2020 06:16

Instrument :

MSVOA_V

ClientSampleId :

C0AY0

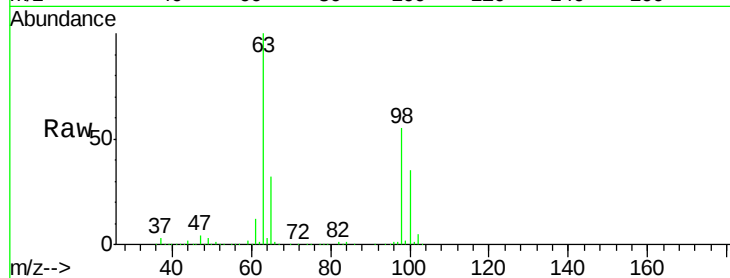
Tgt Ion: 101 Resp: 2244

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

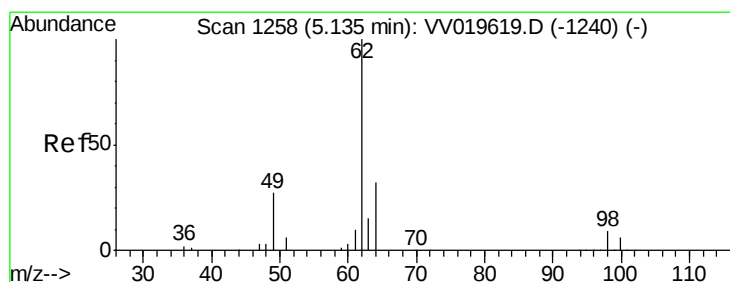
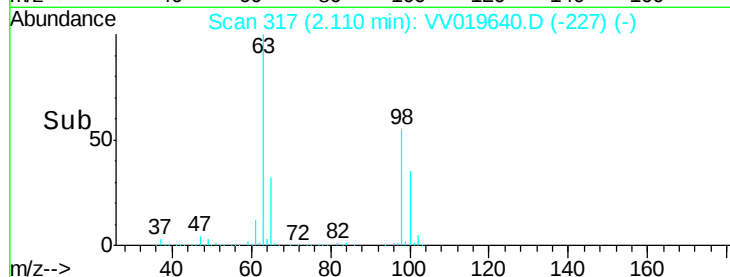
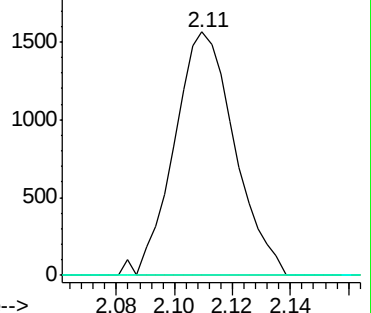
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019640.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019640.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019640.D (-227) (-)



#27

1,2-Dichloroethane

Concen: 0.846 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019640.D

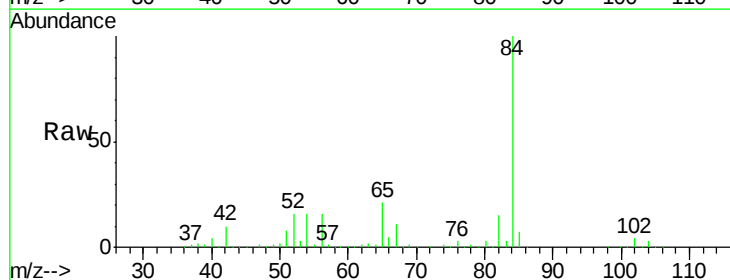
Acq: 15 Dec 2020 06:16

Tgt Ion: 62 Resp: 5186

Ion Ratio Lower Upper

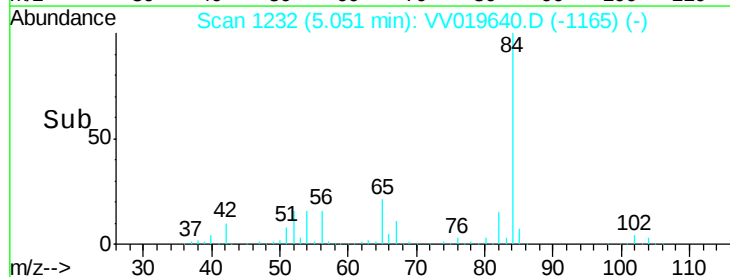
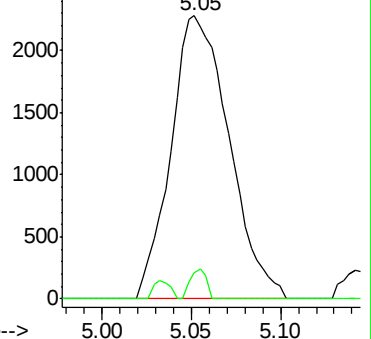
62 100

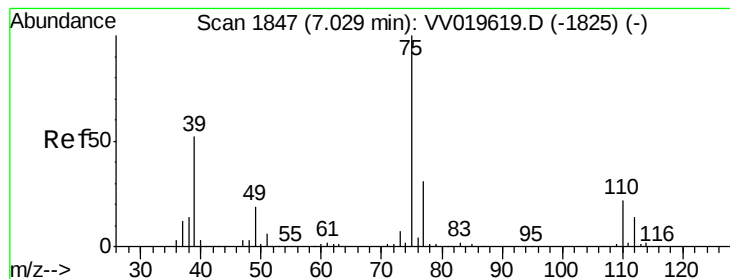
98 9.1 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019640.D (-1165) (-)

Ion 98.00 (97.70 to 98.70): VV019640.D (-1165) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.025 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019640.D

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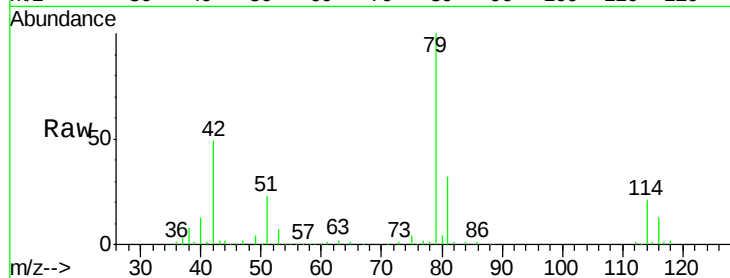
C0AY0

Tgt Ion: 75 Resp: 7042

Ion Ratio Lower Upper

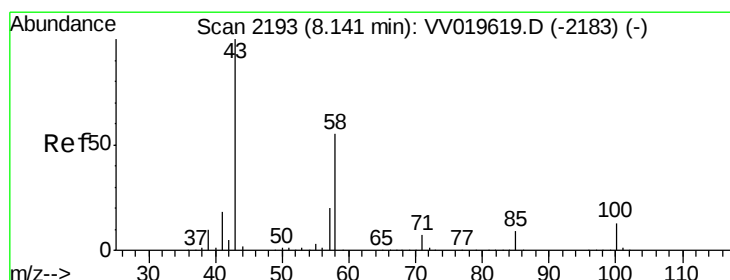
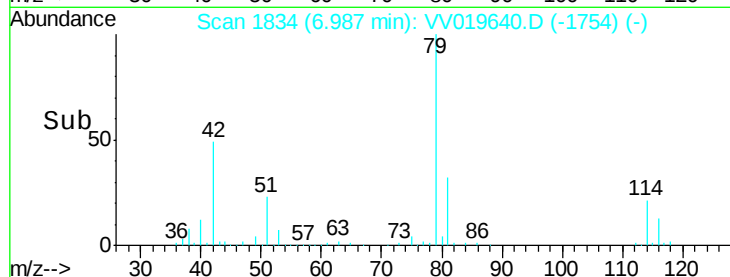
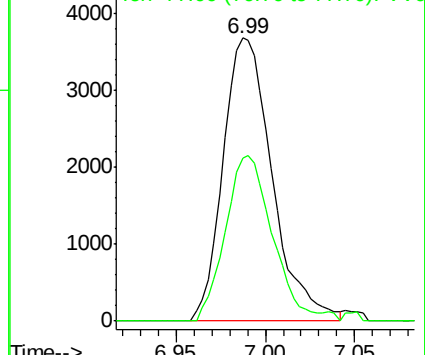
75 100

77 57.8 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 4.837 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019640.D

Acq: 15 Dec 2020 06:16

Tgt Ion: 43 Resp: 21910

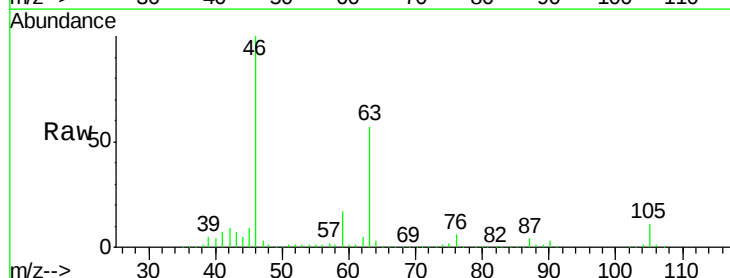
Ion Ratio Lower Upper

43 100

58 28.0 44.4 66.6#

57 24.3 15.7 23.5#

100 0.1 9.9 14.9#

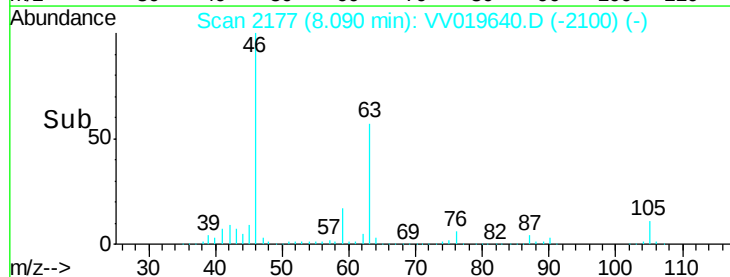
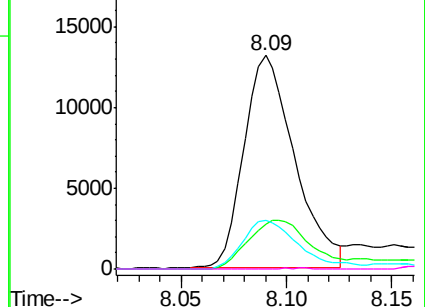


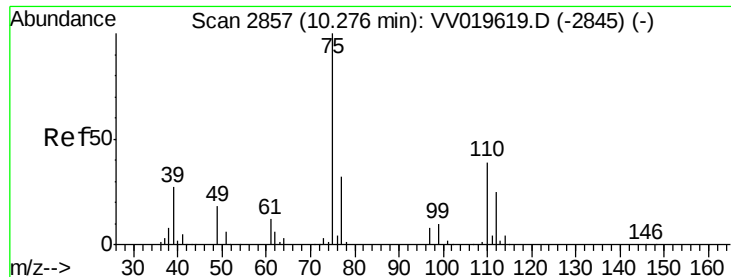
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.622 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019640.D

Acq: 15 Dec 2020 06:16

Instrument :

MSVOA_V

ClientSampleId :

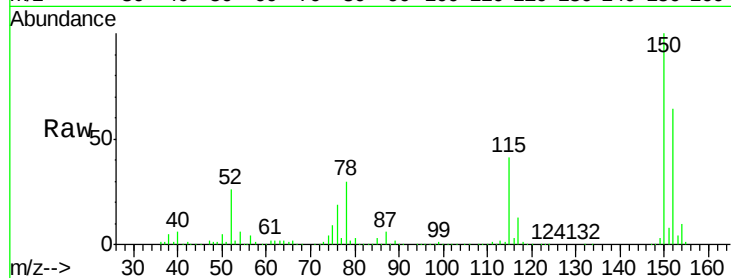
C0AY0

Tgt Ion: 75 Resp: 34082

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

