

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019638.D
 Acq On : 15 Dec 2020 05:28
 Operator : SY/MD
 Sample : L5424-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX8

Quant Time: Dec 15 10:31:55 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	592573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	551072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	250124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185529	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.57	69	168179	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.36%
11) 1,1-Dichloroethene-d2	2.11	63	284680	36.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.20%
21) 2-Butanone-d5	3.90	46	261962	113.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	4.35	84	388326	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
26) 1,2-Dichloroethane-d4	5.04	65	270827	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
32) Benzene-d6	5.05	84	767645	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
36) 1,2-Dichloropropane-d6	6.07	67	248582	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.98%
41) Toluene-d8	7.32	98	672599	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloropropene-	7.62	79	115445	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.16%
47) 2-Hexanone-d5	8.09	63	183688	101.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	325639	52.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.58%
64) 1,2-Dichlorobenzene-d4	11.63	152	249076	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

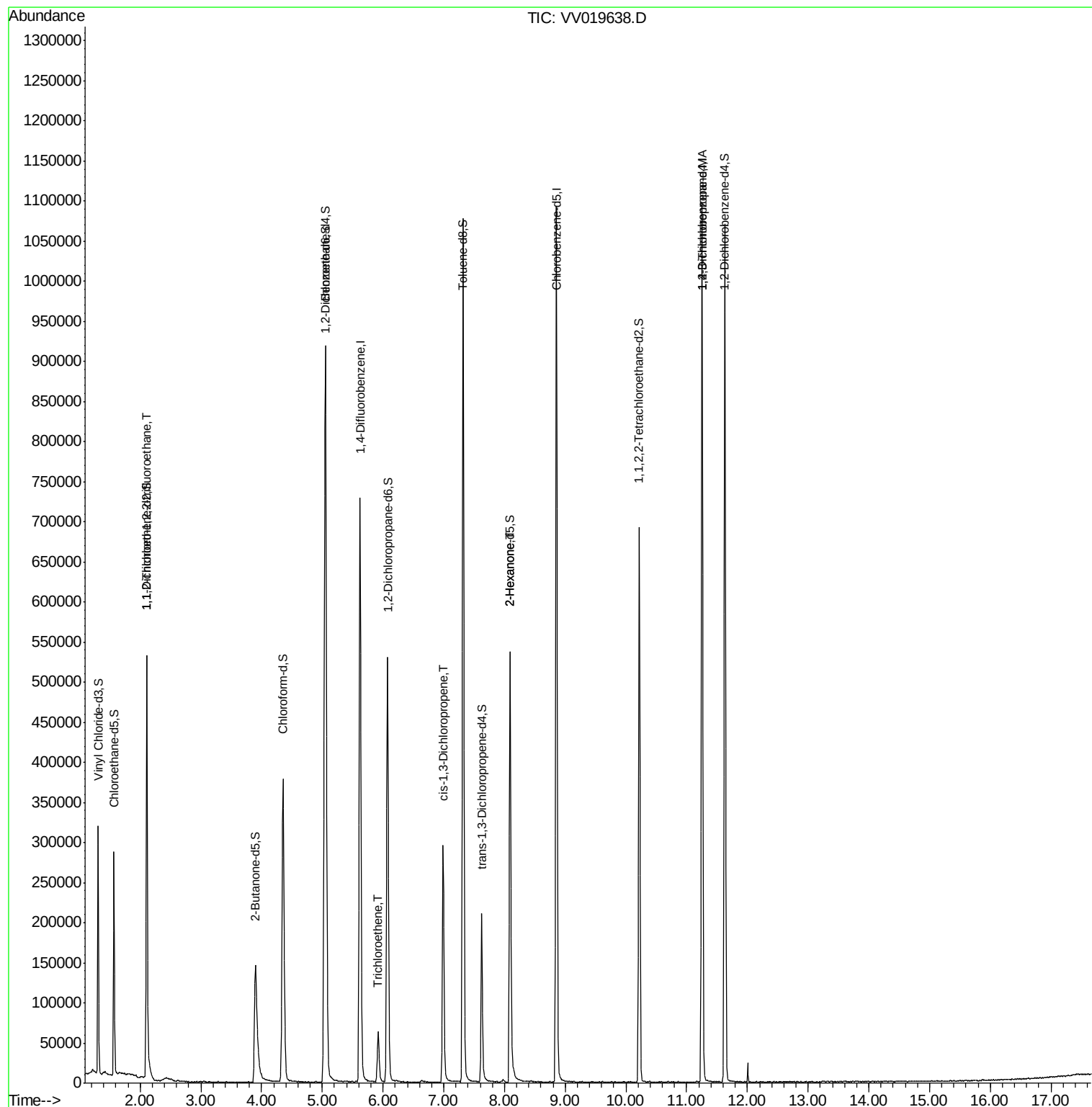
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2545	0.740 ug/L #	22
34) Trichloroethene	5.92	95	20587	4.839 ug/L	95
39) cis-1,3-Dichloropropene	6.99	75	8113	1.161 ug/L #	76
48) 2-Hexanone	8.09	43	23142	5.026 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	34717	6.636 ug/L	89

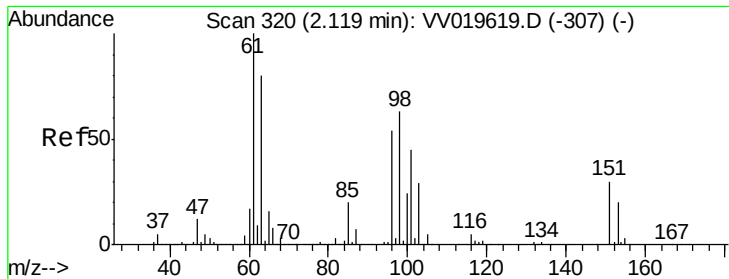
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.740 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0AX8

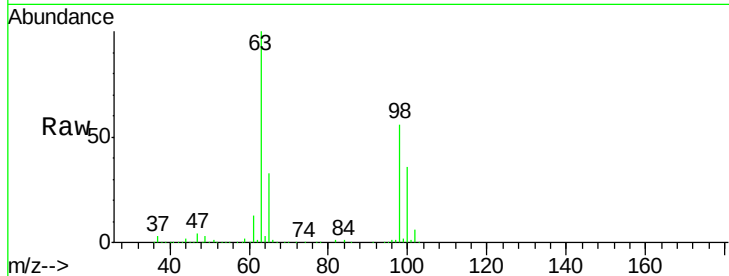
Tgt Ion: 101 Resp: 2545

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

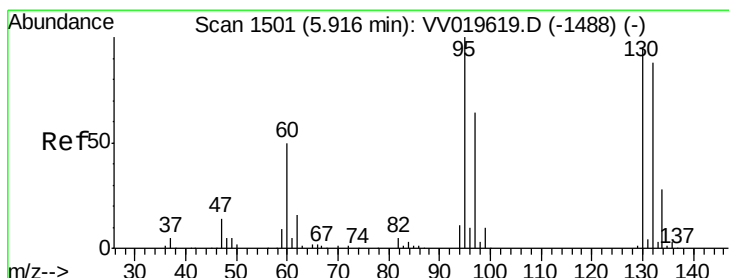
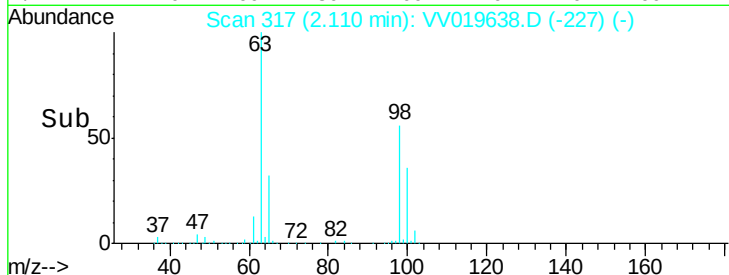
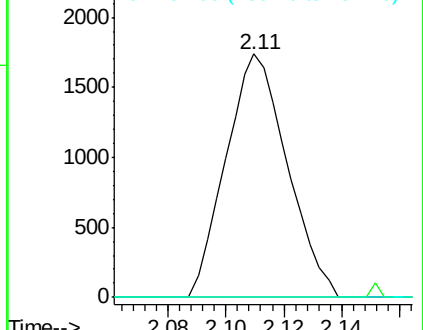
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 4.839 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019638.D

Acq: 15 Dec 2020 05:28

Tgt Ion: 95 Resp: 20587

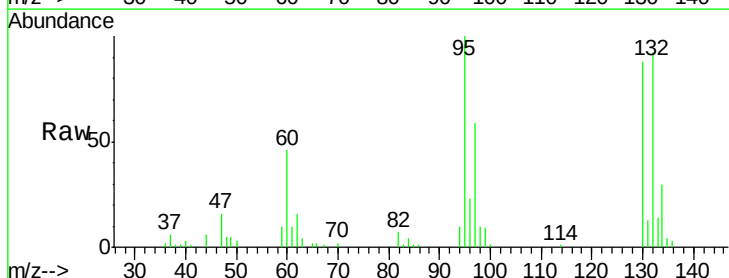
Ion Ratio Lower Upper

95 100

97 59.0 44.4 82.4

132 91.7 64.3 119.3

130 88.2 67.8 125.8

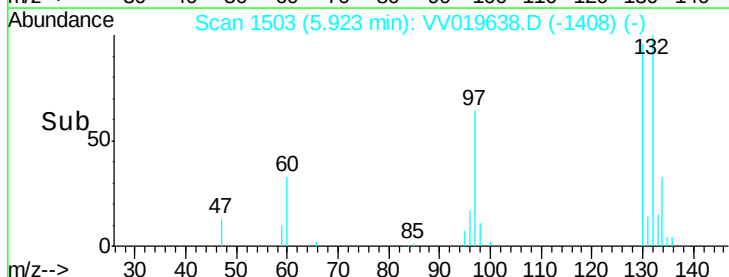
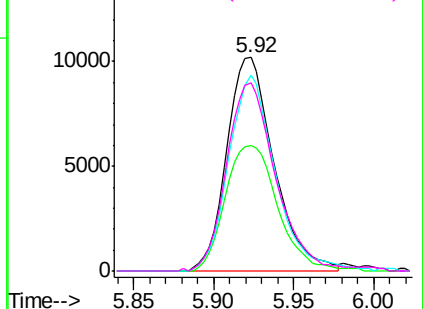


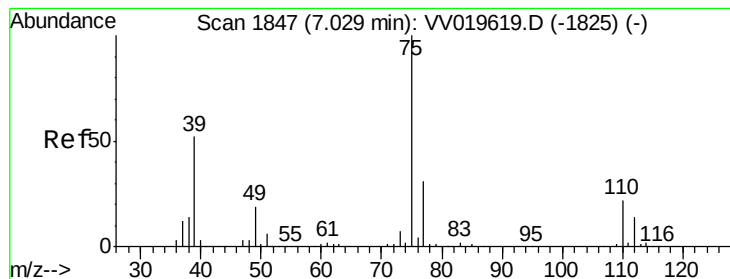
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.161 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019638.D

Acq: 15 Dec 2020 05:28

Instrument :

MSVOA_V

ClientSampled :

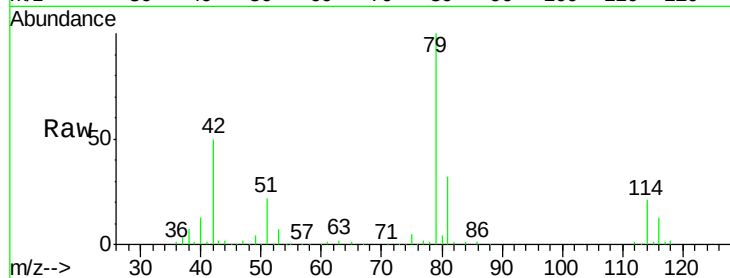
C0AX8

Tgt Ion: 75 Resp: 8113

Ion Ratio Lower Upper

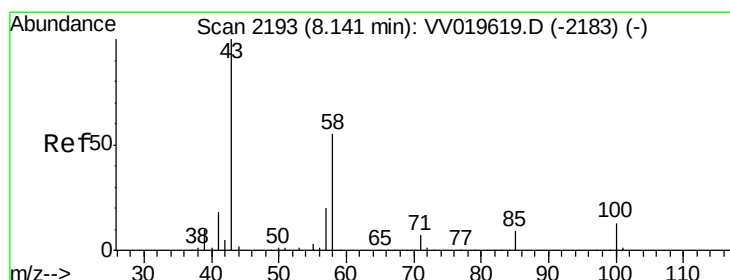
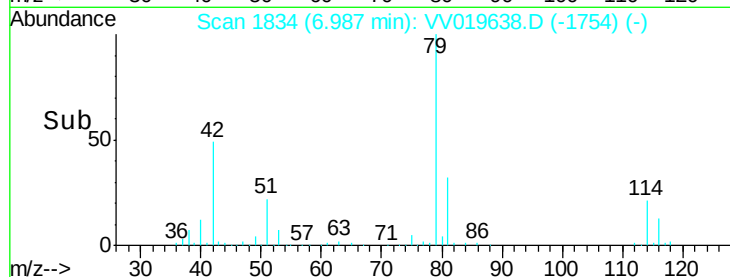
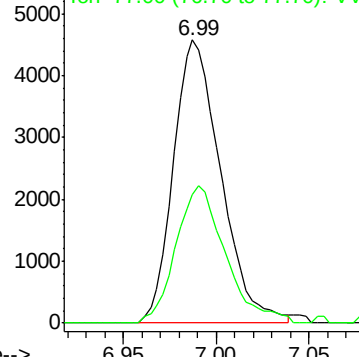
75 100

77 45.6 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: 5.026 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019638.D

Acq: 15 Dec 2020 05:28

Tgt Ion: 43 Resp: 23142

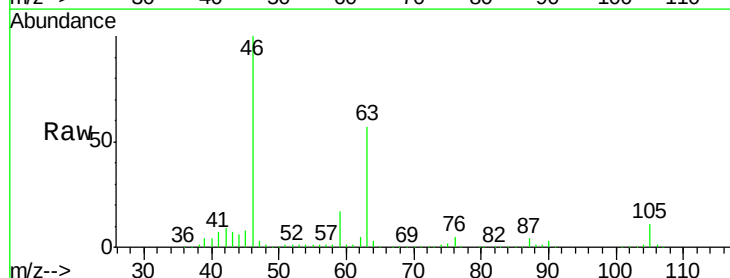
Ion Ratio Lower Upper

43 100

58 25.6 44.4 66.6#

57 22.2 15.7 23.5

100 0.4 9.9 14.9#

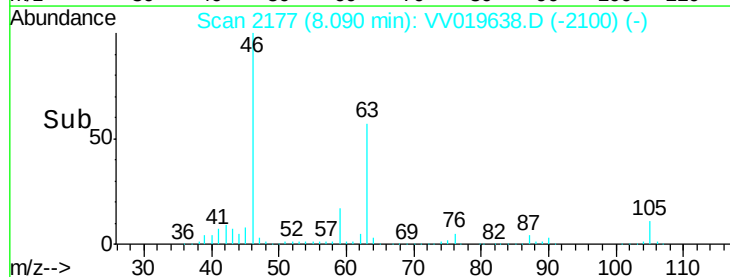
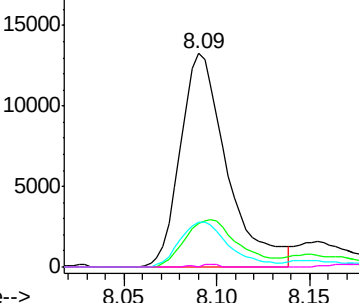


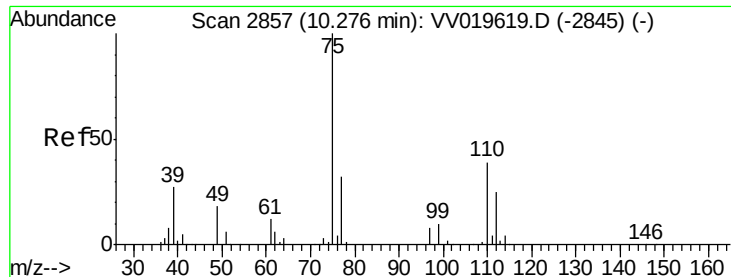
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.636 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019638.D

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Instrument :

MSVOA_V

ClientSampleId :

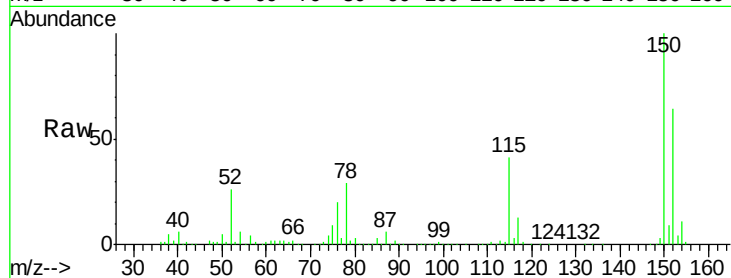
C0AX8

Tgt Ion: 75 Resp: 34717

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

