

Data File : VU030081.D
Acq On : 14 Mar 2019 18:07
Operator : JC/SP
Sample : K1917-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H9

Quant Time: Mar 15 02:48:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121359	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.68	69	106354	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.27	63	178661	30.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.04%
21) 2-Butanone-d5	4.17	46	225667	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.65	84	263227	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.31	65	156004	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	5.34	84	560201	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	174986	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.86%
41) Toluene-d8	7.56	98	500498	42.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.88%
43) trans-1,3-Dichloropropene-	7.85	79	80983	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	197034	92.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268213	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	215948	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

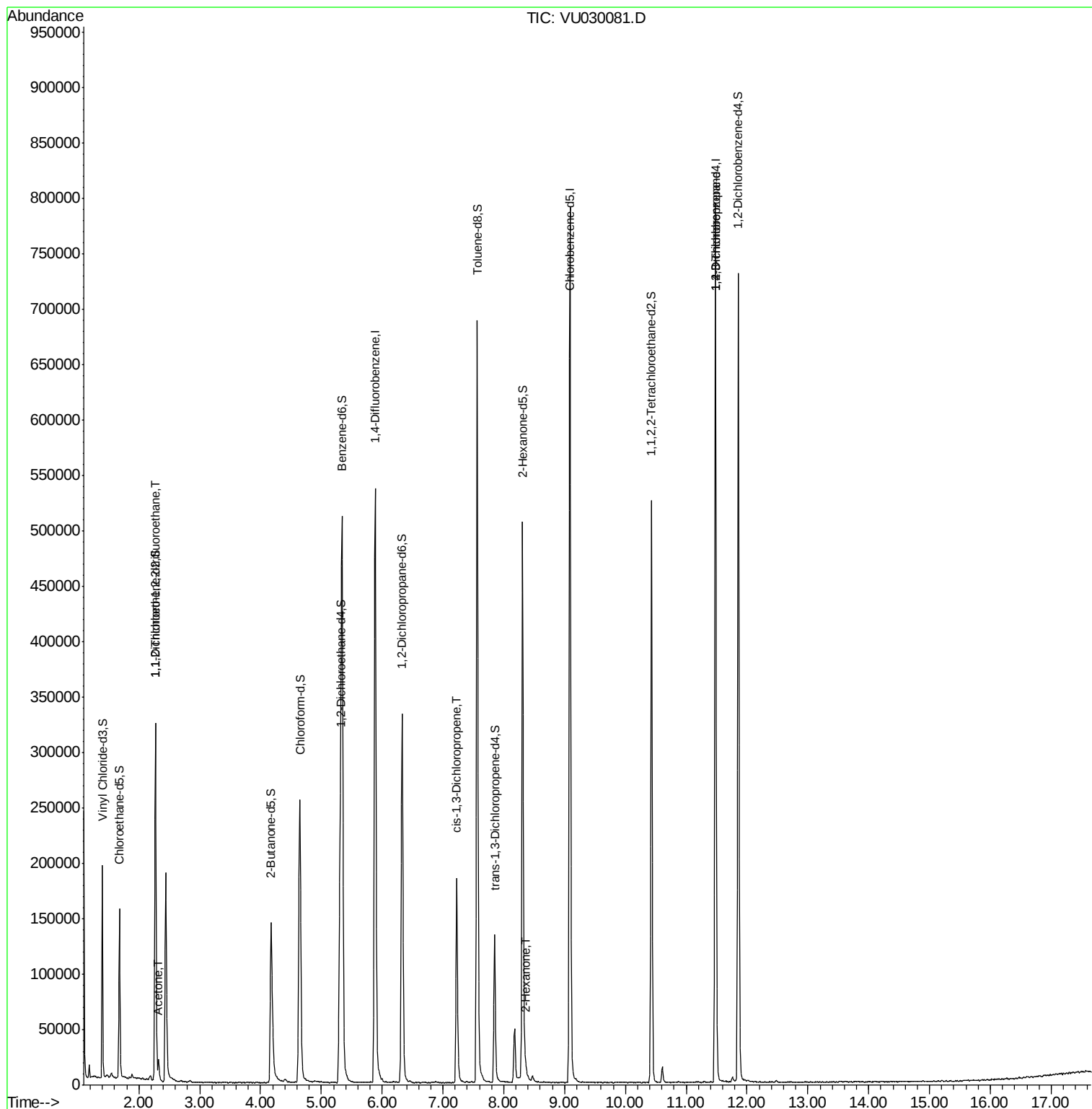
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1852	0.566 ug/L #	17
13) Acetone	2.32	43	17099	5.920 ug/L	94
39) cis-1,3-Dichloropropene	7.22	75	4130	0.729 ug/L #	42
48) 2-Hexanone	8.36	43	4446	1.060 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	23870	5.036 ug/L	92

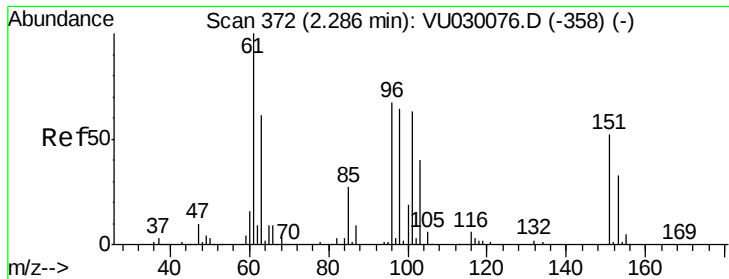
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.566 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030081.D

Acq: 14 Mar 2019 18:07

Instrument :

MSVOA_U

ClientSampled :

C09H9

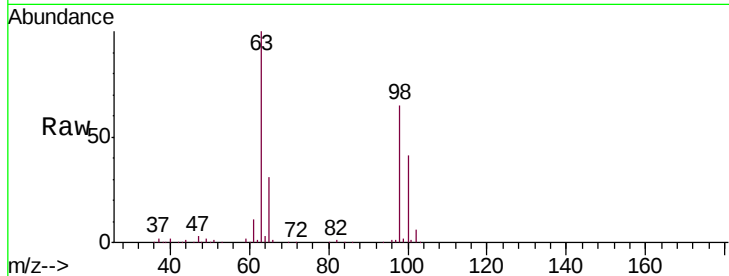
Tgt Ion: 101 Resp: 1852

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

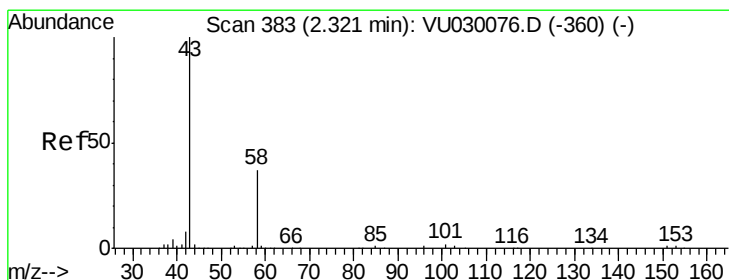
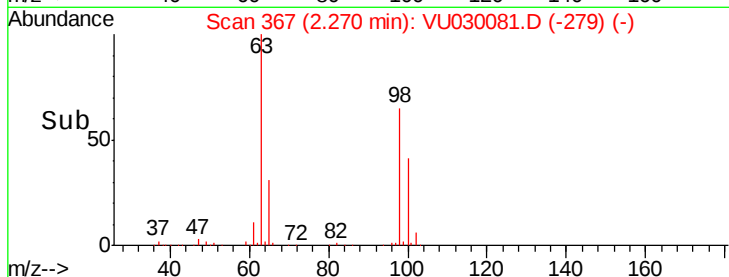
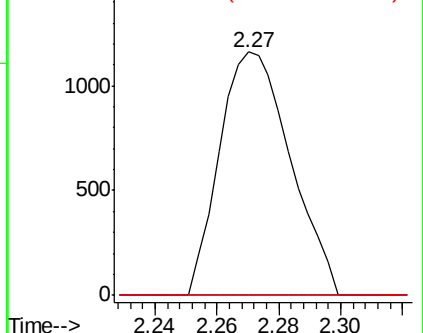
151 0.0 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.920 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030081.D

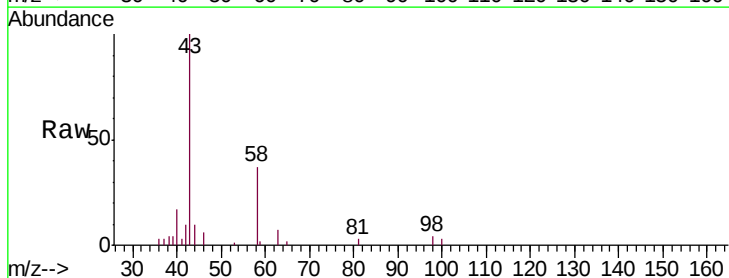
Acq: 14 Mar 2019 18:07

Tgt Ion: 43 Resp: 17099

Ion Ratio Lower Upper

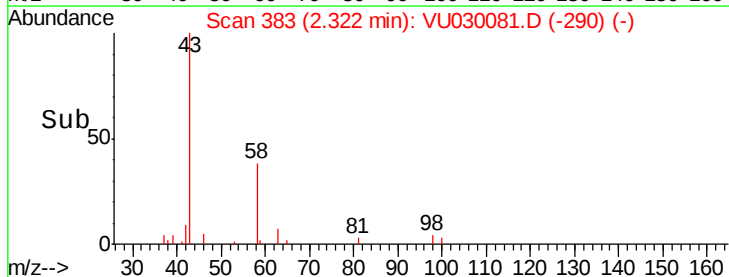
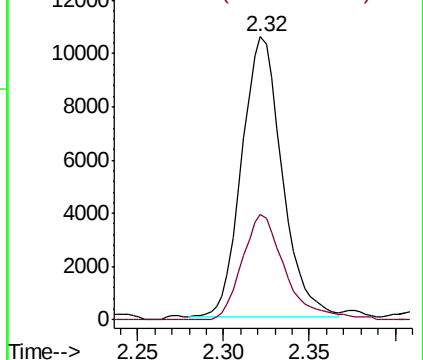
43 100

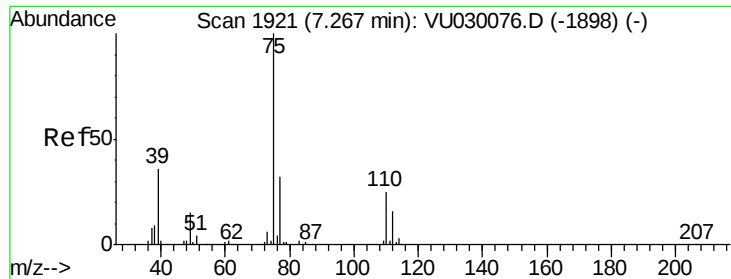
58 40.3 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

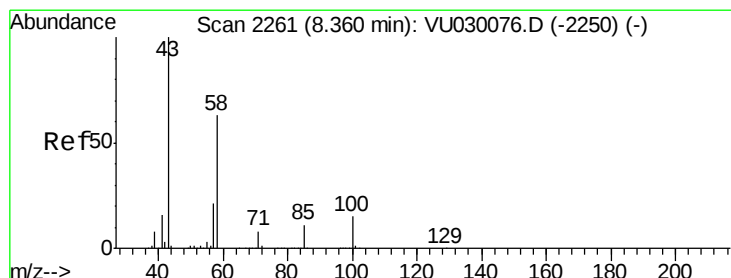
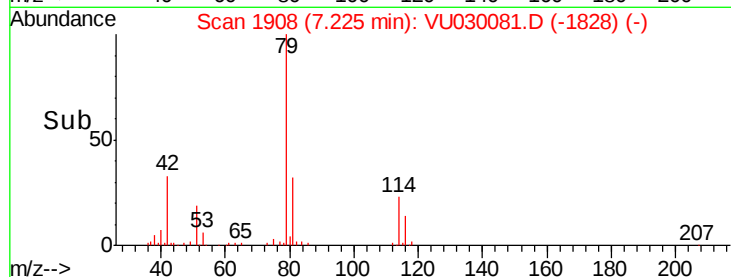
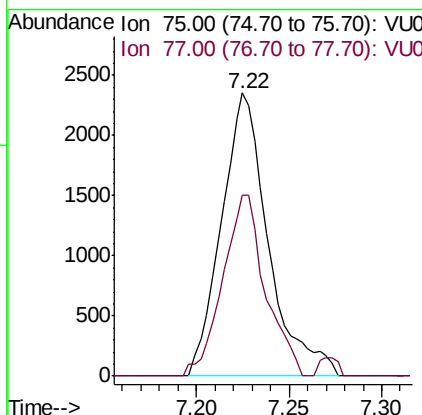
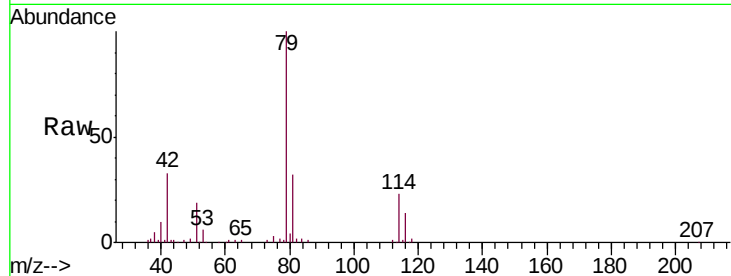




#39
 cis-1,3-Dichloropropene
 Concen: 0.729 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030081.D
 Acq: 14 Mar 2019 18:07

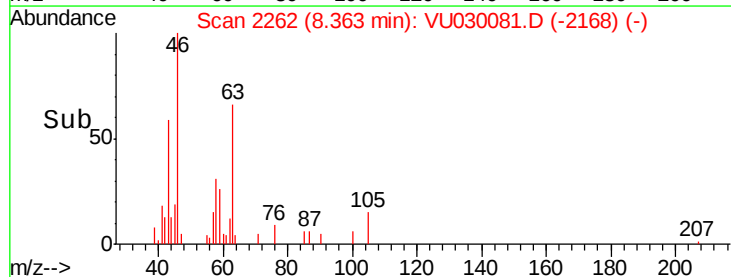
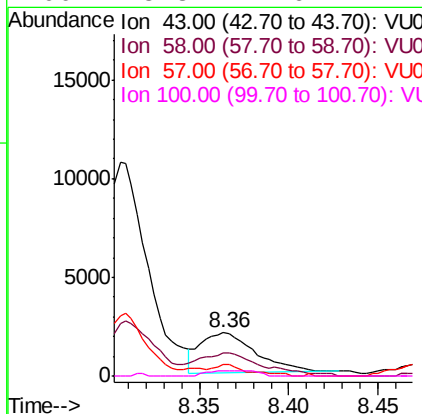
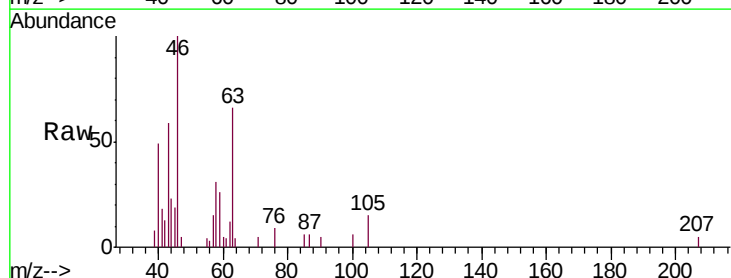
Instrument :
 MSVOA_U
 ClientSampleID :
 C09H9

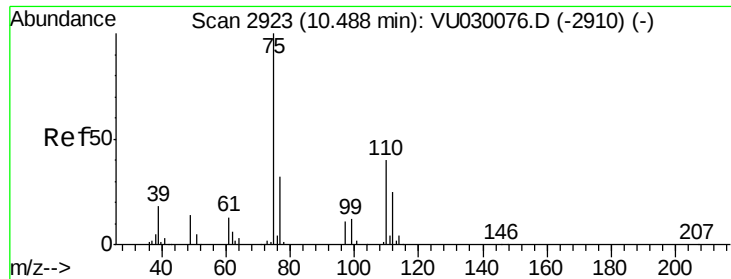
Tgt Ion: 75 Resp: 4130
 Ion Ratio Lower Upper
 75 100
 77 63.9 22.2 41.2#



#48
 2-Hexanone
 Concen: 1.060 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030081.D
 Acq: 14 Mar 2019 18:07

Tgt Ion: 43 Resp: 4446
 Ion Ratio Lower Upper
 43 100
 58 34.5 48.6 72.8#
 57 10.7 16.1 24.1#
 100 5.3 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.036 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030081.D

Acq: 14 Mar 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

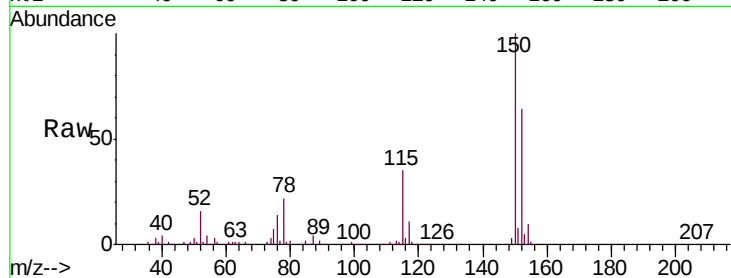
C09H9

Tgt Ion: 75 Resp: 23870

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

