

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010252.D
 Acq On : 11 Apr 2019 18:49
 Operator : SY/MD
 Sample : K2255-22
 Misc : 4.36G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC49

Quant Time: Apr 12 01:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	271251	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	257618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103926	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50238	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
7) Chloroethane-d5	1.58	69	54663	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	2.13	63	104928	13.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.80%
20) 2-Butanone-d5	3.93	46	31064	39.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	4.40	84	129484	20.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	75360	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	5.10	84	269168	21.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.68%
33) 1,2-Dichloropropane-d6	6.12	67	83026	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	7.36	98	247416	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	7.66	79	26985	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.08%
39) 2-Hexanone-d5	8.13	63	22073	34.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66852	20.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	86489	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds

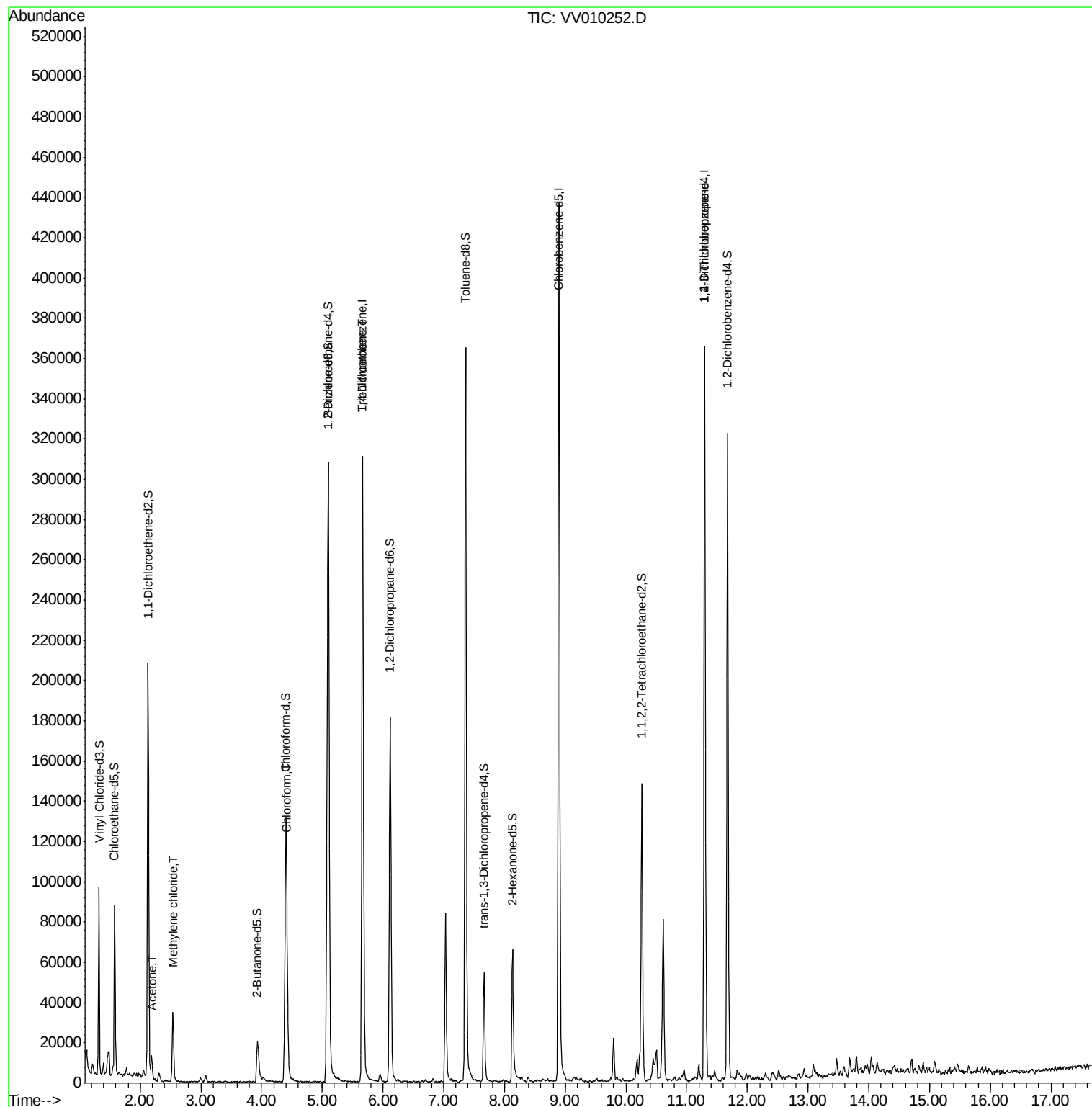
					Qvalue
13) Acetone	2.19	43	9795	11.602 ug/L	94
16) Methylene chloride	2.54	84	15122	2.847 ug/L	93
25) Chloroform	4.42	83	9049	1.362 ug/L	77
35) Trichloroethene	5.67	95	8276	2.193 ug/L #	3
59) 1,2,3-Trichloropropane	11.30	75	12671	5.139 ug/L	90

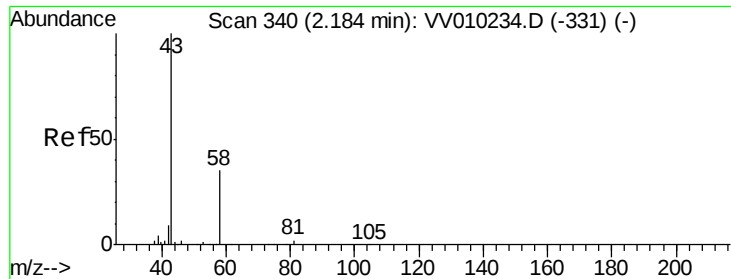
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:24:48 2019
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#13

Acetone

Concen: 11.602 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010252.D

Acq: 11 Apr 2019 18:49

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ClientSampleId :

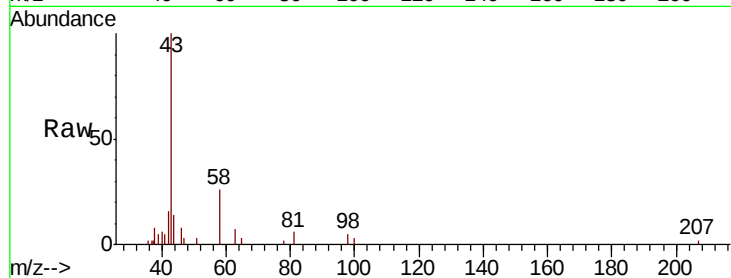
BFC49

Tgt Ion: 43 Resp: 9795

Ion Ratio Lower Upper

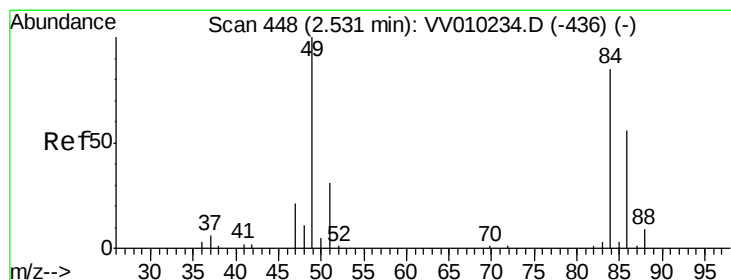
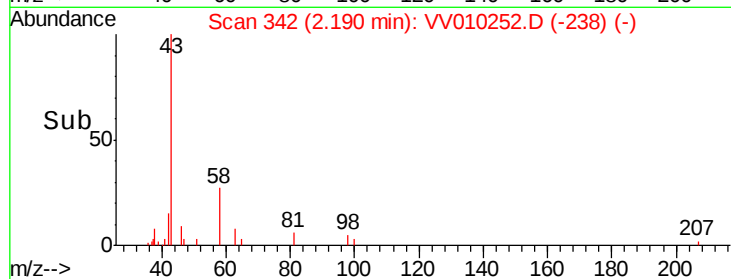
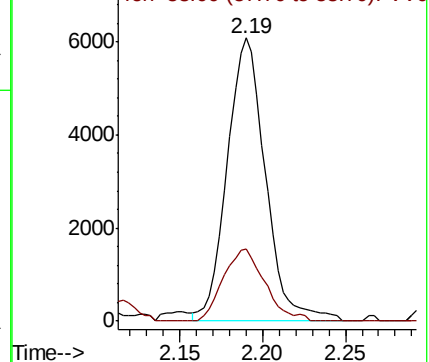
43 100

58 27.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 2.847 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010252.D

Acq: 11 Apr 2019 18:49

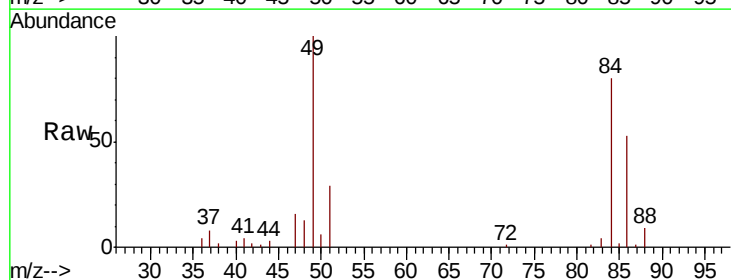
Tgt Ion: 84 Resp: 15122

Ion Ratio Lower Upper

84 100

49 124.5 79.9 148.5

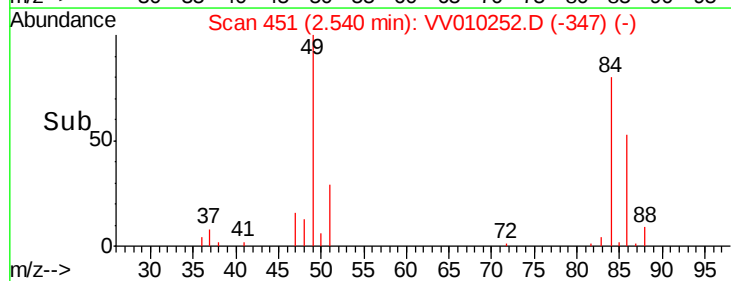
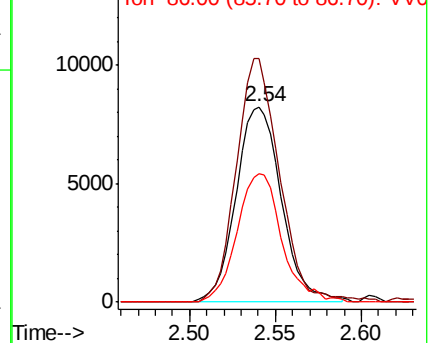
86 65.9 44.5 82.7

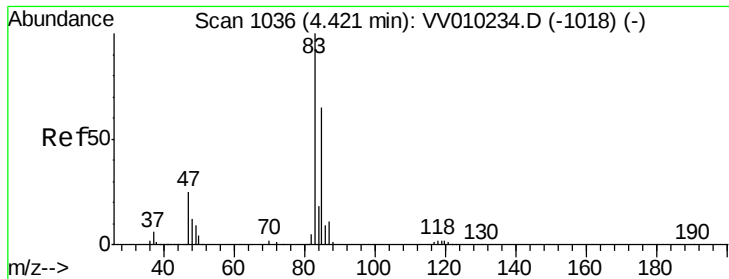


Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)





#25

Chloroform

Concen: 1.362 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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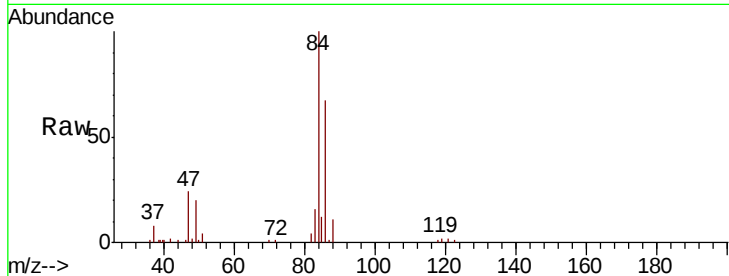
BFC49

Tgt Ion: 83 Resp: 9049

Ion Ratio Lower Upper

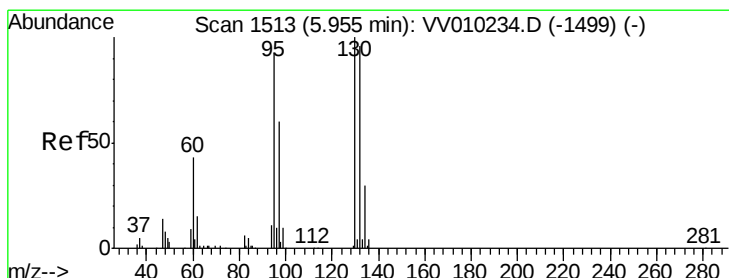
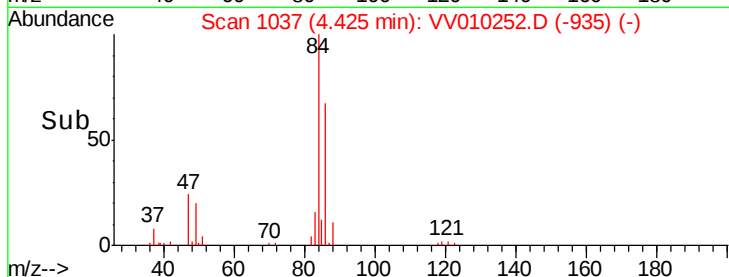
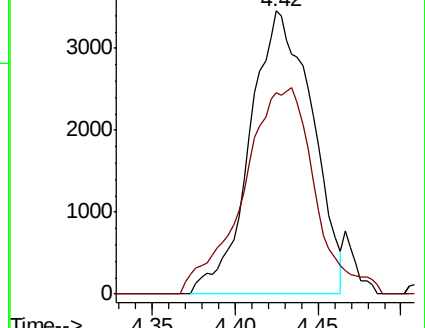
83 100

85 46.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV010234.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010234.D (-1018) (-)



#35

Trichloroethene

Concen: 2.193 ug/L

RT: 5.67 min Scan# 1424

Delta R.T. -0.29 min

Lab File: VV010252.D

Acq: 11 Apr 2019 18:49

Tgt Ion: 95 Resp: 8276

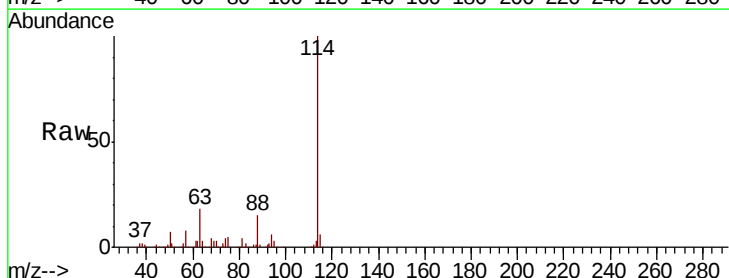
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 0.0 73.4 136.4#

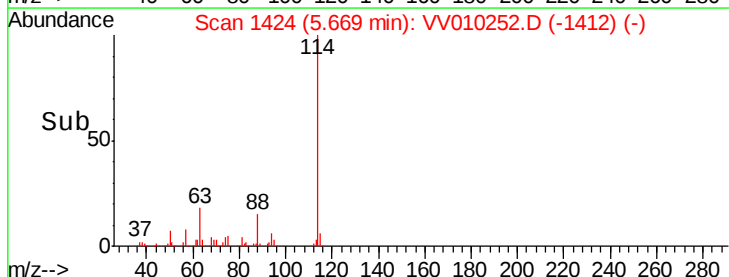
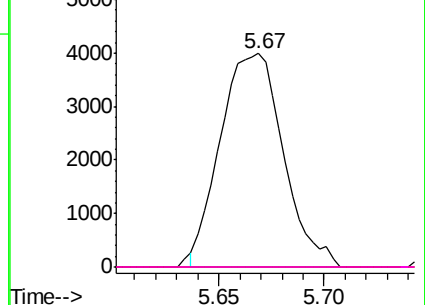


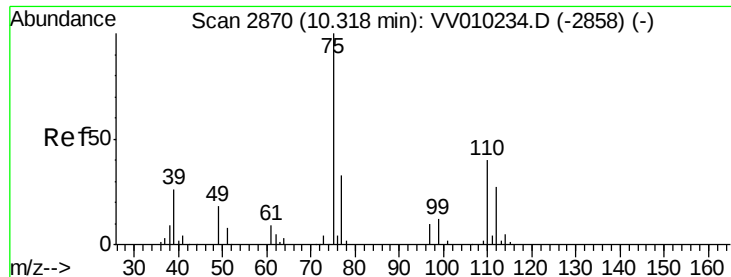
Abundance Ion 95.00 (94.70 to 95.70): VV010234.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV010234.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV010234.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV010234.D (-1499) (-)





#59

1,2,3-Trichloropropane

Concen: 5.139 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010252.D

Acq: 11 Apr 2019 18:49

Instrument :

MSVOA_V

ClientSampleId :

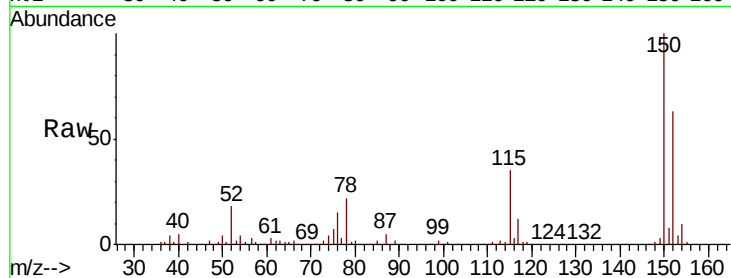
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Tgt Ion: 75 Resp: 12671

Ion Ratio Lower Upper

75 100

77 39.0 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

