

Data File : VU030528.D
Acq On : 28 Mar 2019 20:32
Operator : JC/SP
Sample : K2101-14ME
Misc : 5.45mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOE5ME

Quant Time: Mar 29 01:24:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	881368	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	869291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	405252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218656	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.66%
7) Chloroethane-d5	1.64	69	165291	29.40	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.80%#
11) 1,1-Dichloroethene-d2	2.24	63	324765	24.14	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.28%#
21) 2-Butanone-d5	4.19	46	469577	70.42	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.42%
24) Chloroform-d	4.64	84	414681	33.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.86%#
26) 1,2-Dichloroethane-d4	5.30	65	292163	36.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.06%
32) Benzene-d6	5.33	84	828375	33.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.46%#
36) 1,2-Dichloropropane-d6	6.32	67	306003	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.76%
41) Toluene-d8	7.56	98	719452	32.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.26%#
43) trans-1,3-Dichloropropene-	7.85	79	132220	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
47) 2-Hexanone-d5	8.32	63	339735	73.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	477194	39.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	290667	35.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.60%#

Target Compounds

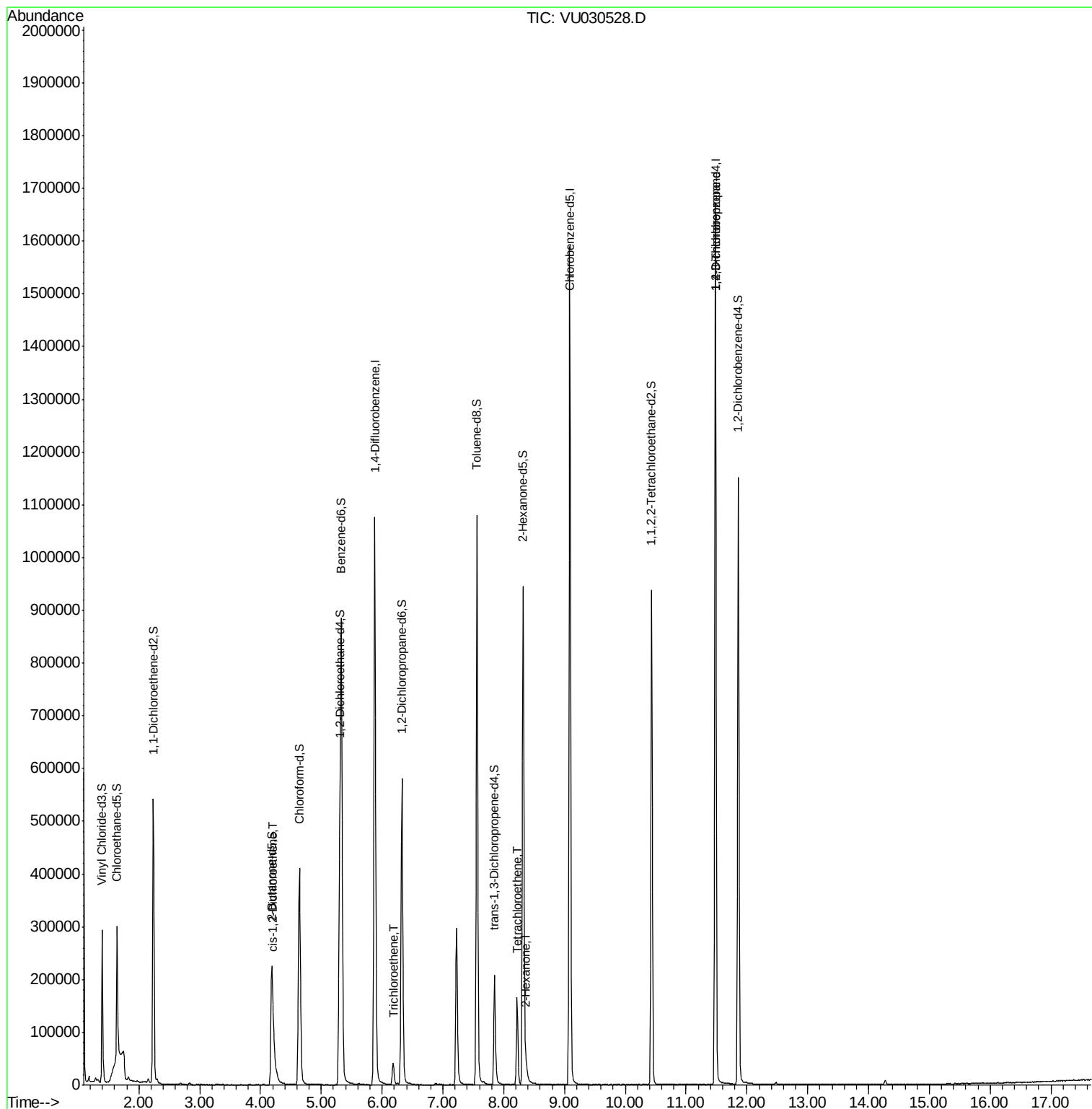
						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	7286	0.982	ug/L	95
34) Trichloroethene	6.18	95	15533	2.135	ug/L	97
46) Tetrachloroethene	8.22	164	37020	7.286	ug/L	97
48) 2-Hexanone	8.37	43	15693	1.357	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	54489	5.331	ug/L	93

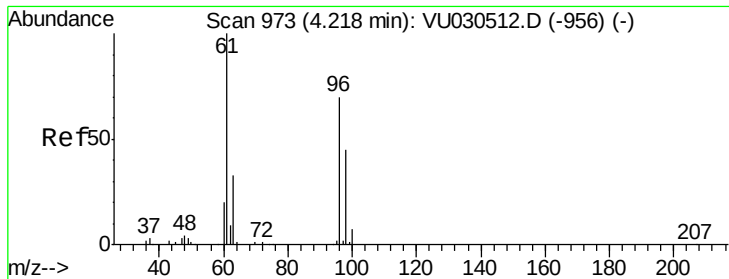
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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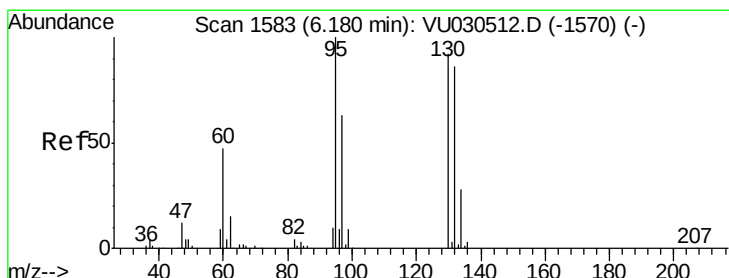
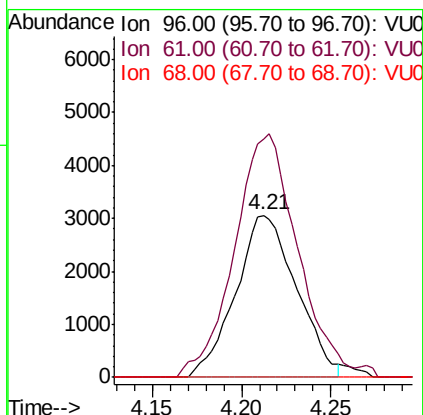
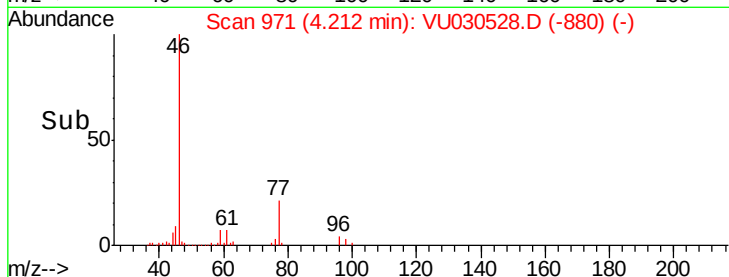
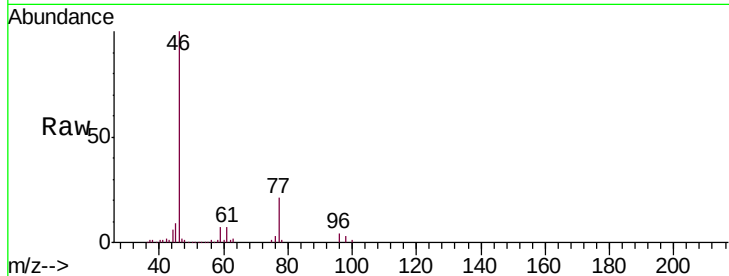




#20
 cis-1,2-Dichloroethene
 Concen: 0.982 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030528.D
 Acq: 28 Mar 2019 20:32

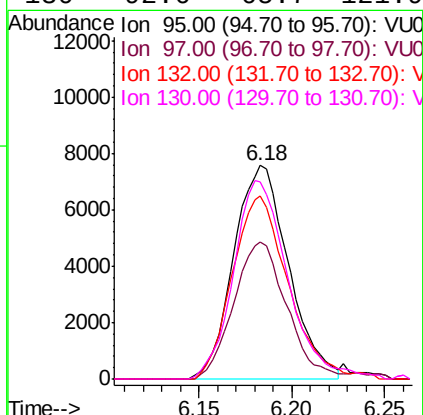
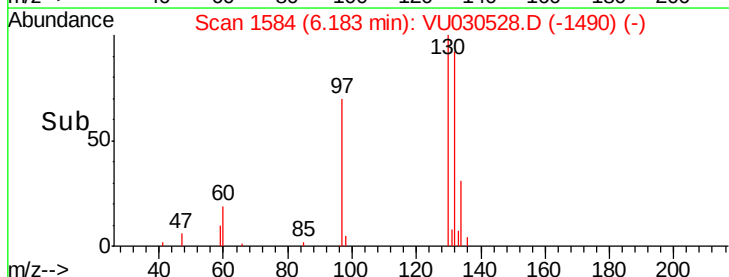
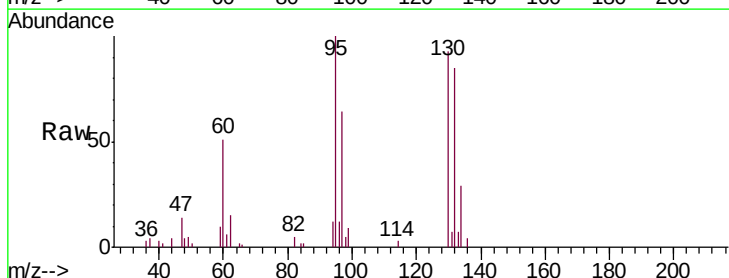
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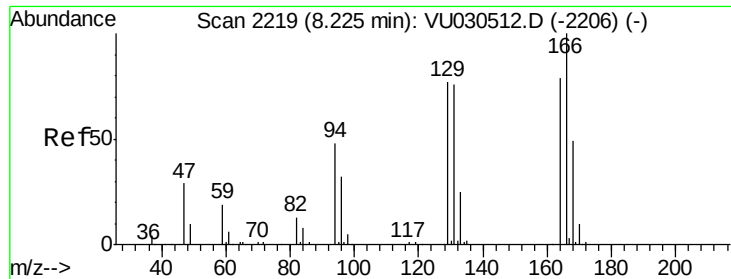
Tgt Ion: 96 Resp: 7286
 Ion Ratio Lower Upper
 96 100
 61 147.3 98.4 182.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.135 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030528.D
 Acq: 28 Mar 2019 20:32

Tgt Ion: 95 Resp: 15533
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.7 84.9
 132 85.5 63.8 118.4
 130 92.6 65.7 121.9

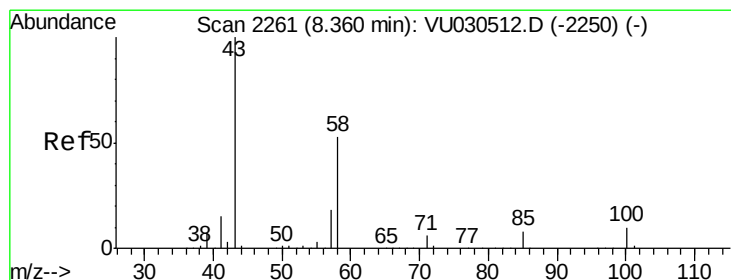
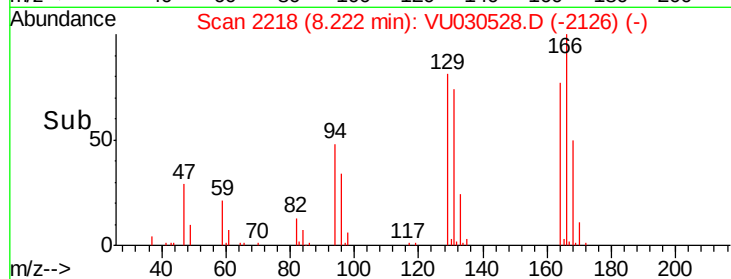
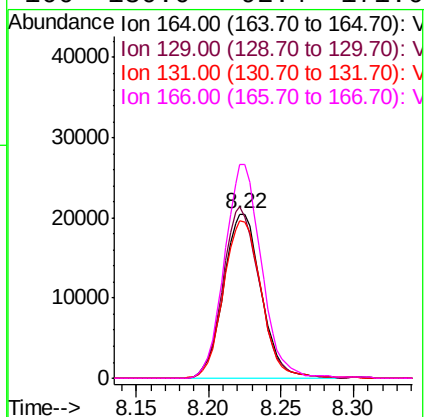
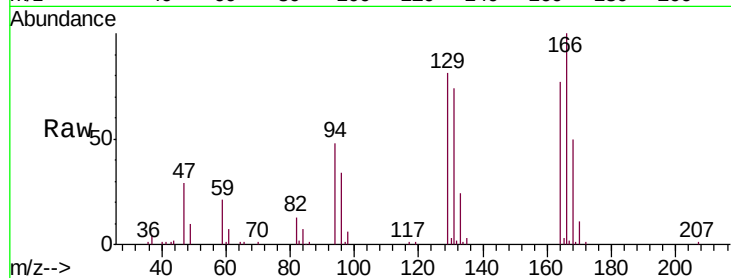




#46
Tetrachloroethene
Concen: 7.286 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030528.D
Acq: 28 Mar 2019 20:32

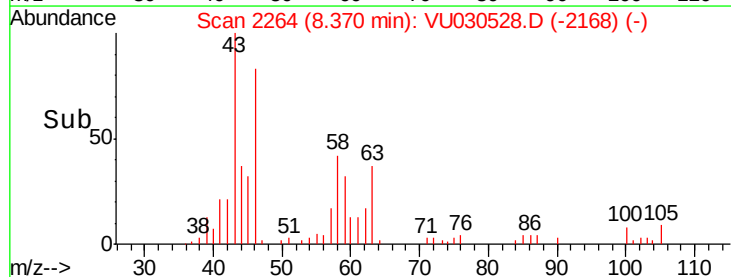
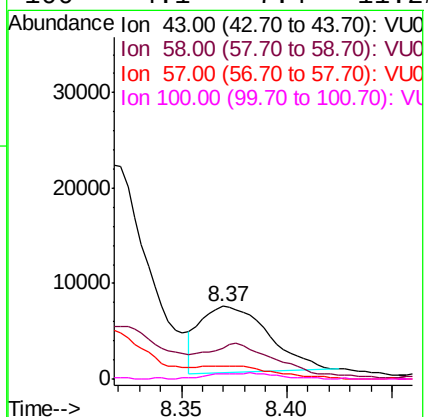
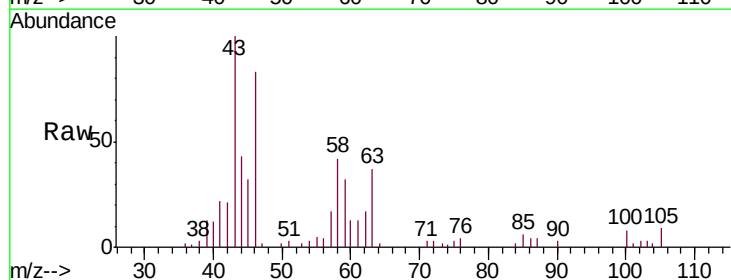
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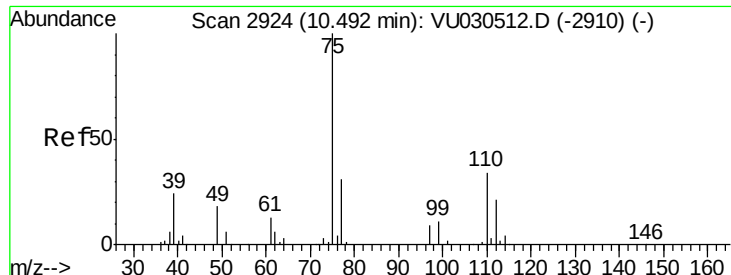
Tgt Ion:164 Resp: 37020
Ion Ratio Lower Upper
164 100
129 104.9 68.1 126.5
131 96.3 67.7 125.7
166 130.0 92.4 171.6



#48
2-Hexanone
Concen: 1.357 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030528.D
Acq: 28 Mar 2019 20:32

Tgt Ion: 43 Resp: 15693
Ion Ratio Lower Upper
43 100
58 41.9 42.5 63.7#
57 0.0 15.0 22.6#
100 4.1 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 5.331 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030528.D

Acq: 28 Mar 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

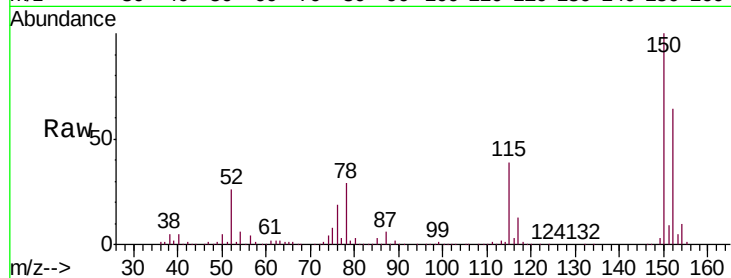
BFOE5ME

Tgt Ion: 75 Resp: 54489

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

