

Data File : VV010781.D
Acq On : 09 May 2019 21:45
Operator : SY/MD
Sample : K2690-18RE
Misc : 6.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5164RE

Quant Time: May 10 05:48:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	37723	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	38068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11702	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
7) Chloroethane-d5	1.58	69	11603	24.06	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	2.13	63	20160	15.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.44%
20) 2-Butanone-d5	3.94	46	8853	50.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.68%
24) Chloroform-d	4.40	84	24894	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	15993	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	5.10	84	43252	21.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.36%
33) 1,2-Dichloropropane-d6	6.12	67	15131	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	7.36	98	38699	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.68%
38) trans-1,3-Dichloropropene-	7.66	79	5319	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.13	63	5742	42.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14685	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	13816	26.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.00%

Target Compounds

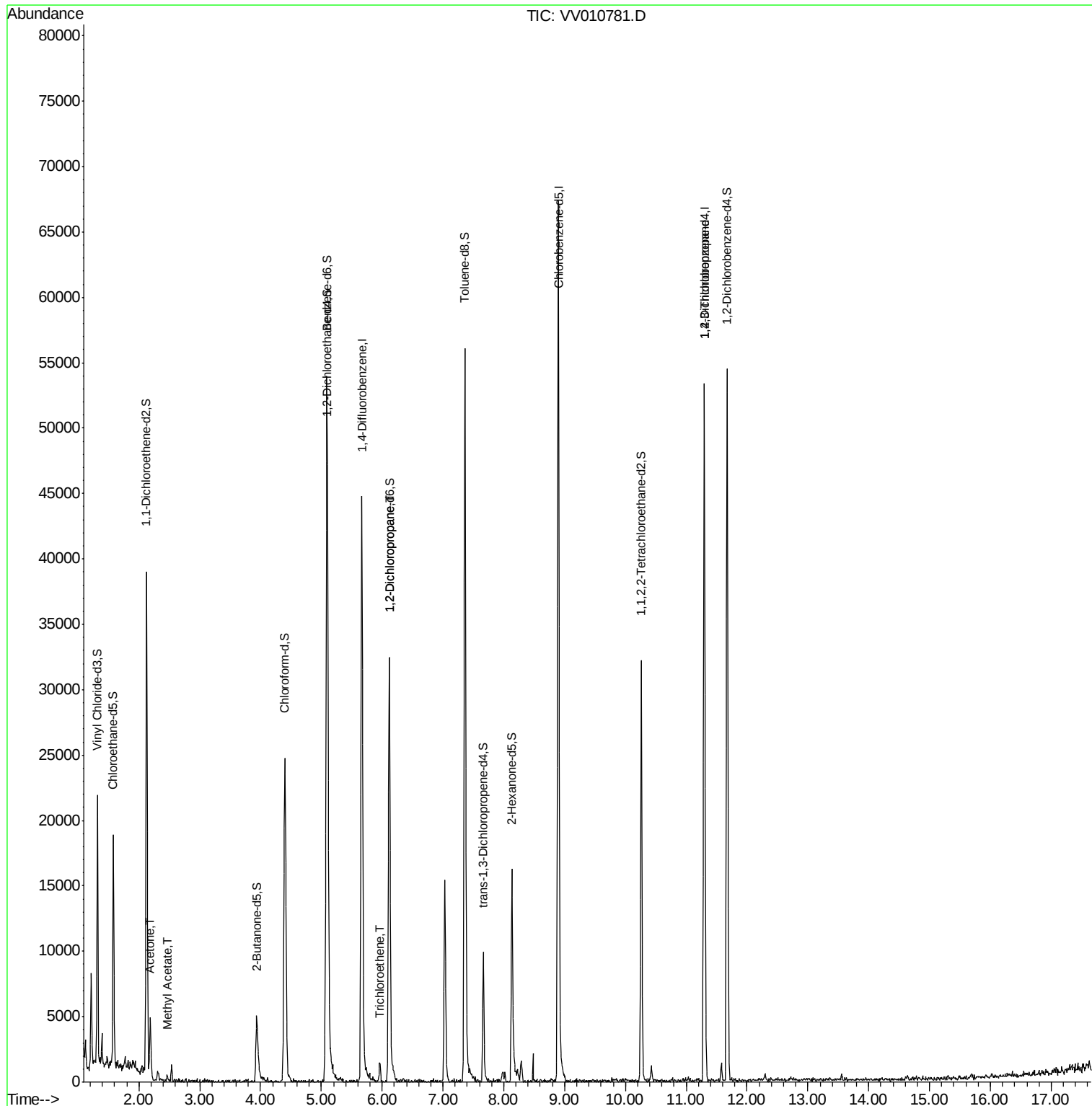
					Qvalue
13) Acetone	2.19	43	3434	12.614	ug/L 100
15) Methyl Acetate	2.47	43	359	1.104	ug/L # 55
35) Trichloroethene	5.96	95	500	0.799	ug/L # 52
40) 1,2-Dichloropropane	6.12	63	1745	2.935	ug/L # 87
59) 1,2,3-Trichloropropane	11.30	75	1931	3.867	ug/L # 82

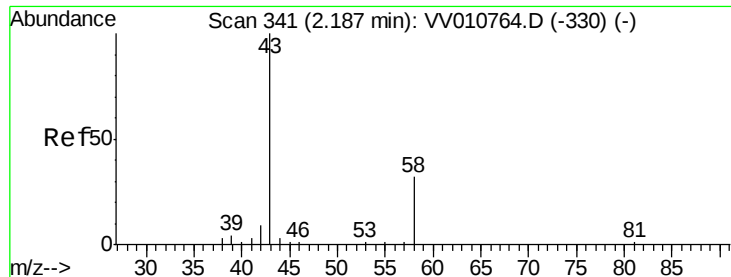
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.614 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

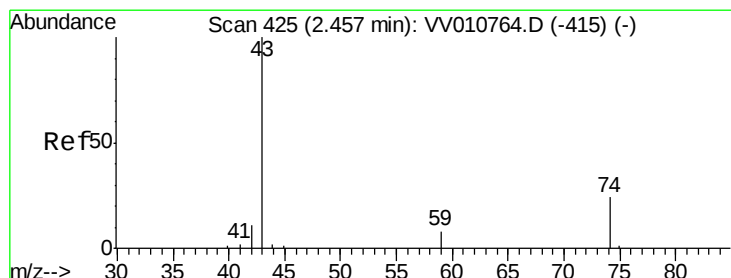
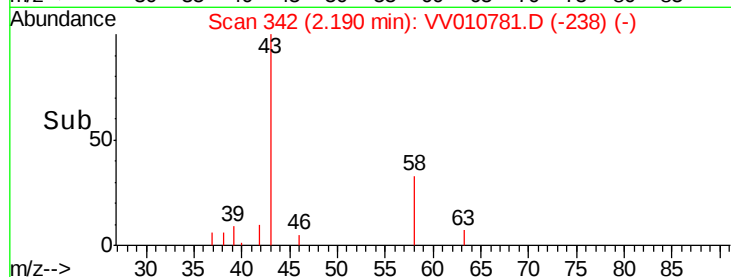
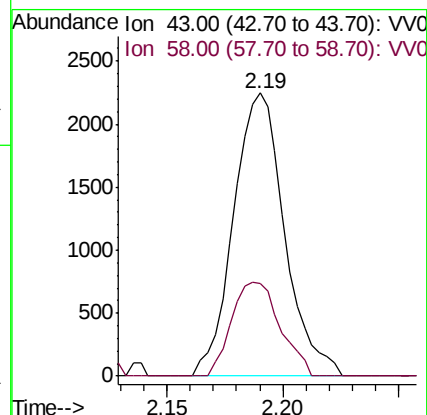
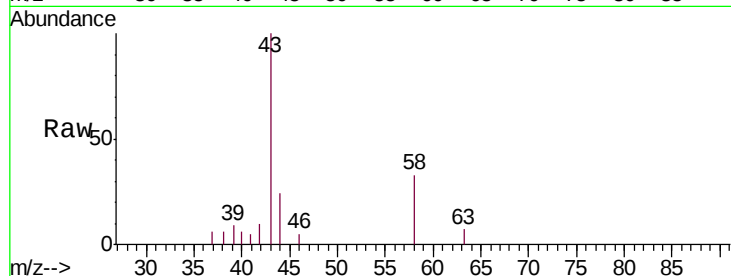
A5164RE

Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

43 100

58 31.5 0.0 63.4



#15

Methyl Acetate

Concen: 1.104 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

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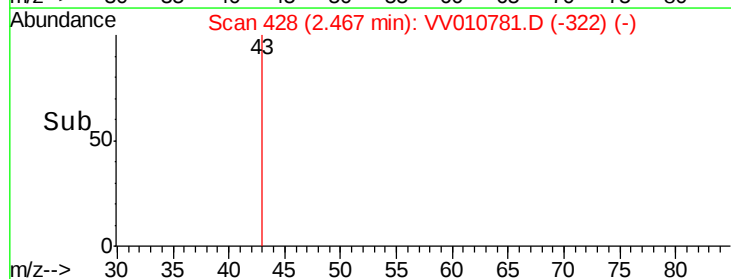
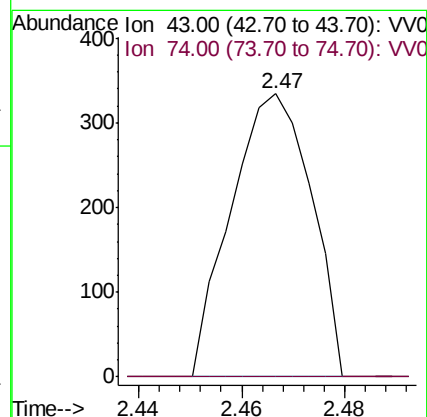
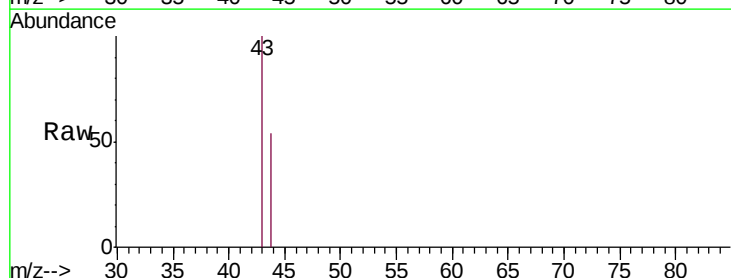
Acq: 09 May 2019 21:45

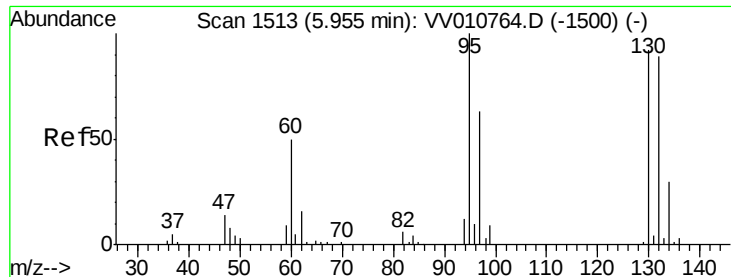
Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#35

Trichloroethene

Concen: 0.799 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV010781.D

Acq: 09 May 2019 21:45

Instrument :

MSVOA_V

ClientSampled :

A5164RE

Tgt Ion: 95 Resp: 500

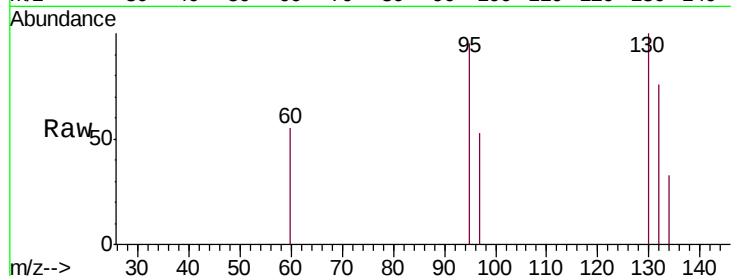
Ion Ratio Lower Upper

95 100

97 27.8 44.3 82.3#

132 0.0 62.4 115.8#

130 90.8 68.5 127.3



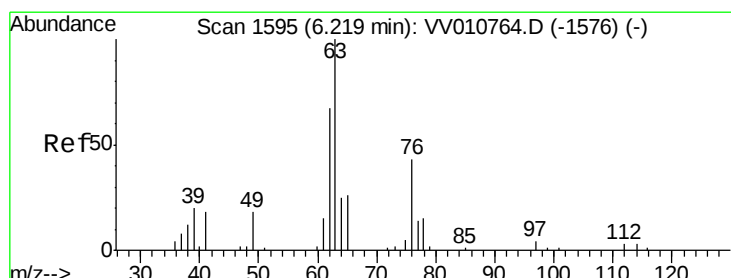
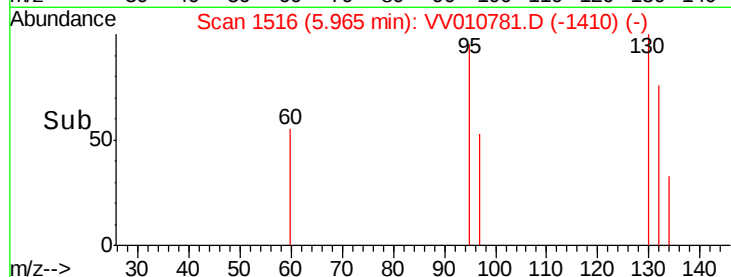
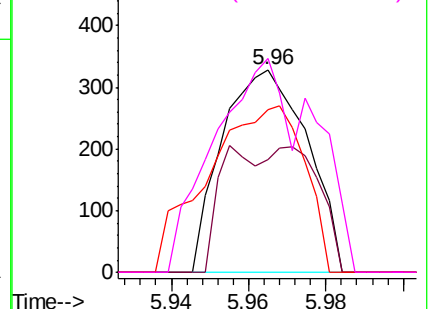
Abundance

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



#40

1,2-Dichloropropane

Concen: 2.935 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010781.D

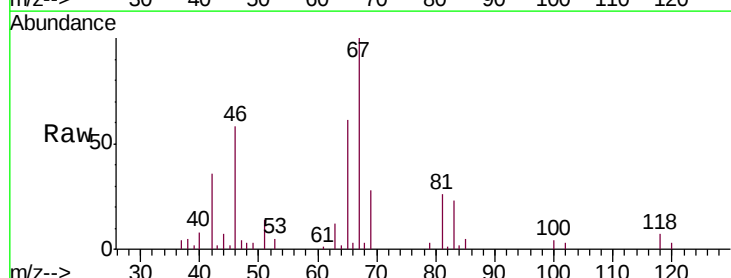
Acq: 09 May 2019 21:45

Tgt Ion: 63 Resp: 1745

Ion Ratio Lower Upper

63 100

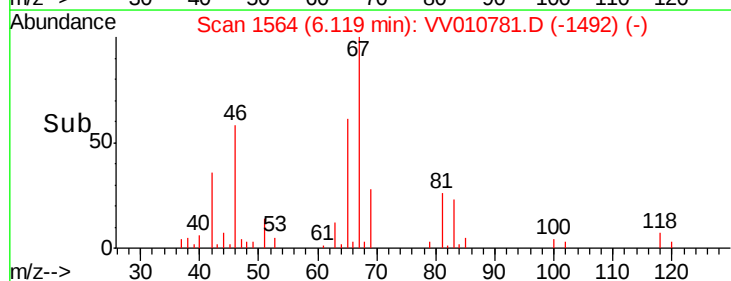
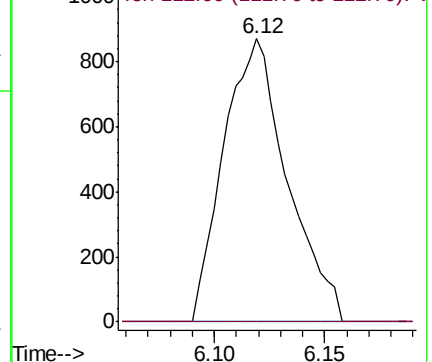
112 0.0 3.4 5.2#

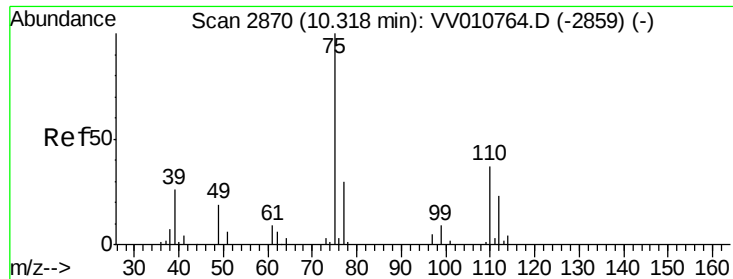


Abundance

Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.867 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Instrument :

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ClientSampleId :

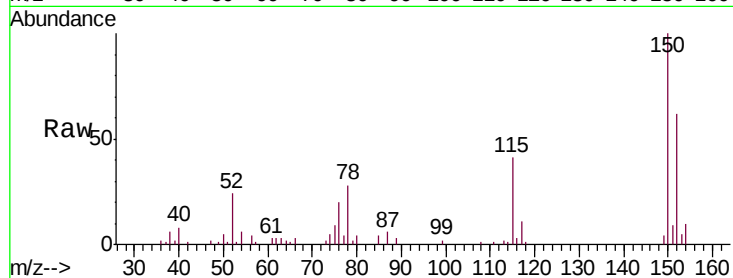
A5164RE

Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

77 41.2 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

