

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019133.D
 Acq On : 28 Oct 2020 11:04
 Operator : SY/MD
 Sample : VV1028MBL01
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK62

Quant Time: Oct 29 03:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 03:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237470	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	234248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82331	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.32%
7) Chloroethane-d5	1.58	69	69922	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.54%
11) 1,1-Dichloroethene-d2	2.12	63	136504	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.56%
21) 2-Butanone-d5	3.91	46	113572	78.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.28%
24) Chloroform-d	4.37	84	171982	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.05	65	122448	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
32) Benzene-d6	5.07	84	328274	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.09	67	100449	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.34	98	295204	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.64	79	53194	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.11	63	85611	84.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.83%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	127521	41.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	123515	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

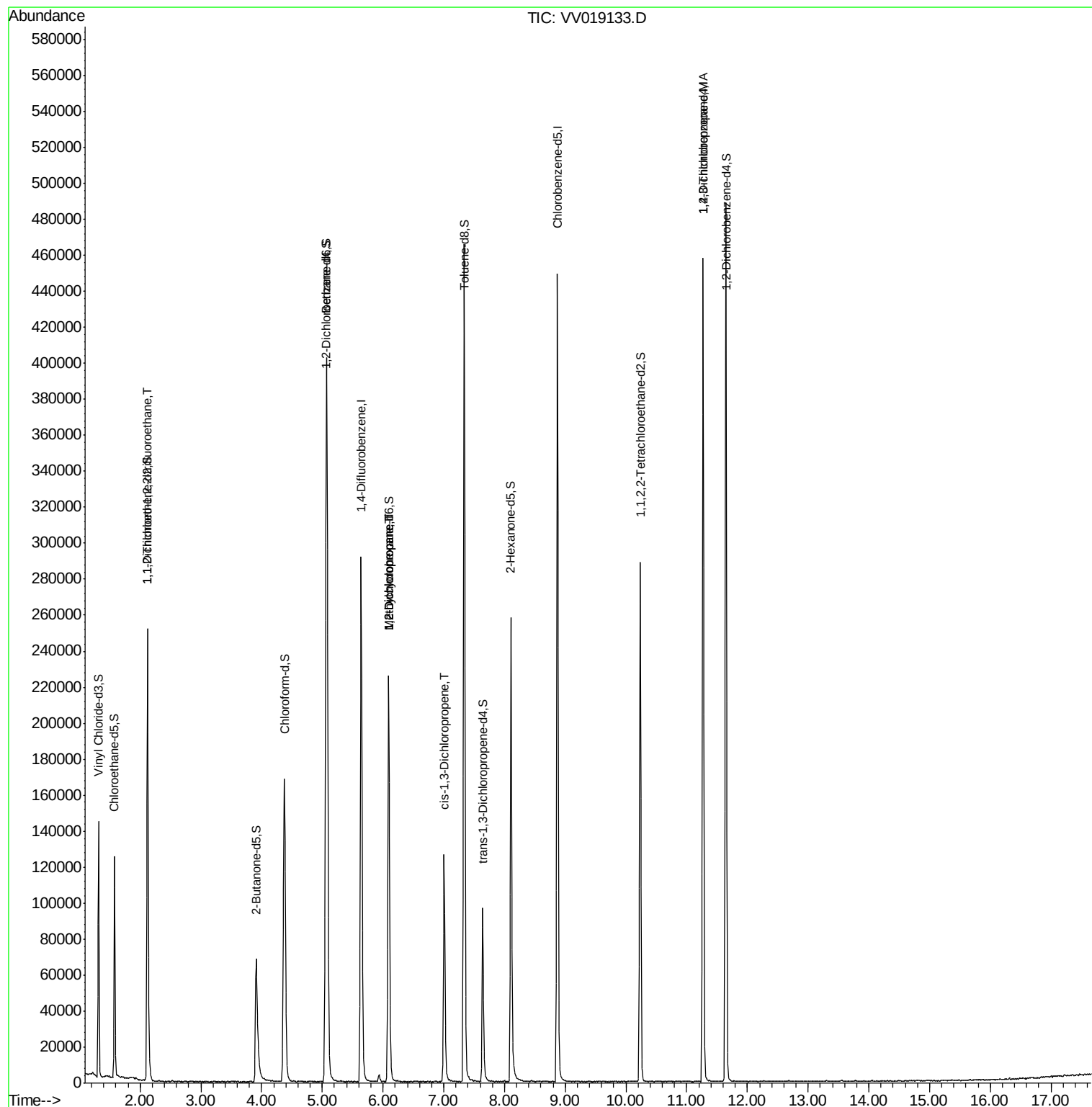
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1283	0.809 ug/L #	20
35) Methylcyclohexane	6.09	83	25762	10.391 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	12663	6.414 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3357	1.151 ug/L #	64
59) 1,2,3-Trichloropropane	11.27	75	12573	5.447 ug/L #	86

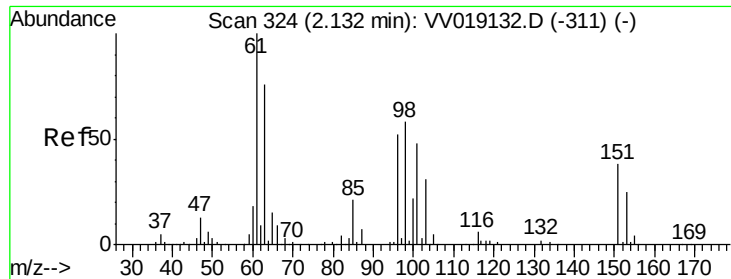
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.809 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019133.D

Acq: 28 Oct 2020 11:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

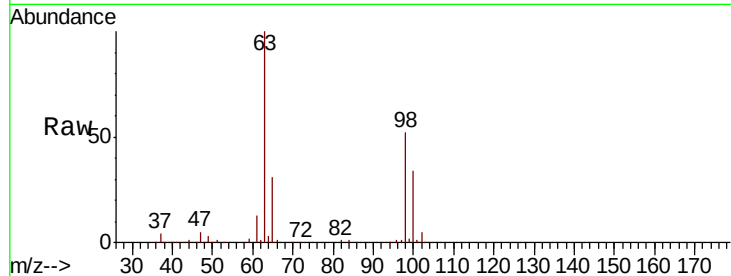
Tot Ion:101 Resp: 1283

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

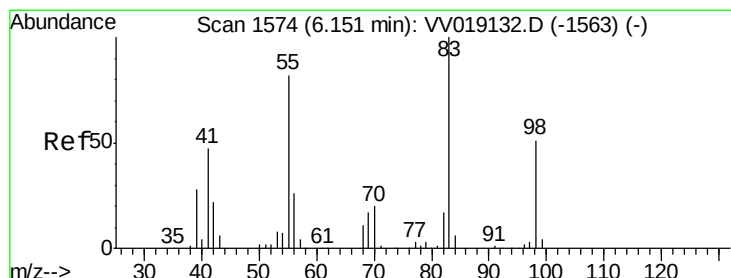
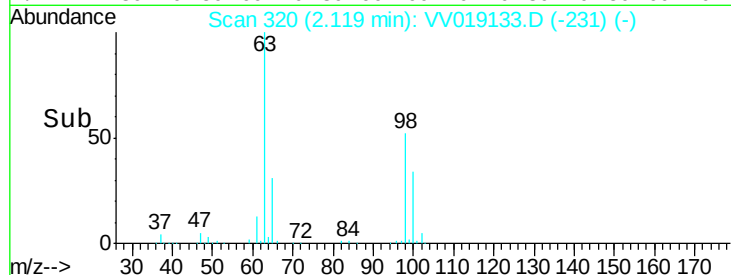
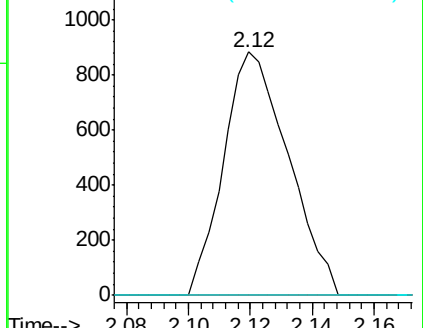
151 0.0 58.2 87.2#



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



#35

Methylcyclohexane

Concen: 10.391 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019133.D

Acq: 28 Oct 2020 11:04

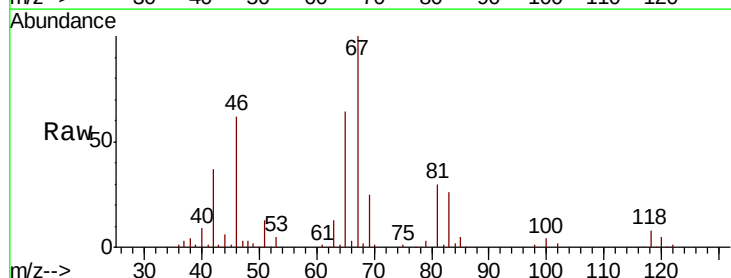
Tgt Ion: 83 Resp: 25762

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

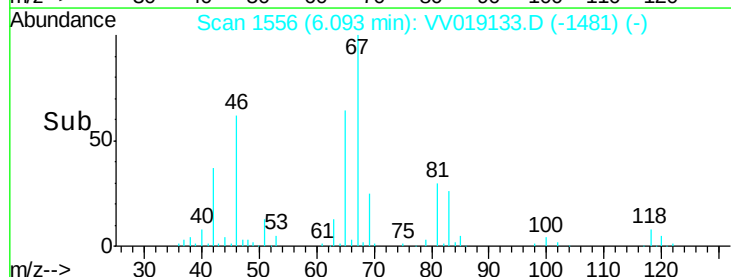
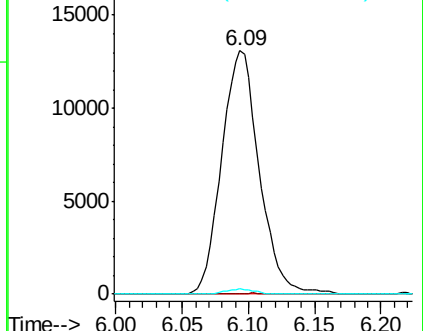
98 1.5 37.9 56.9#

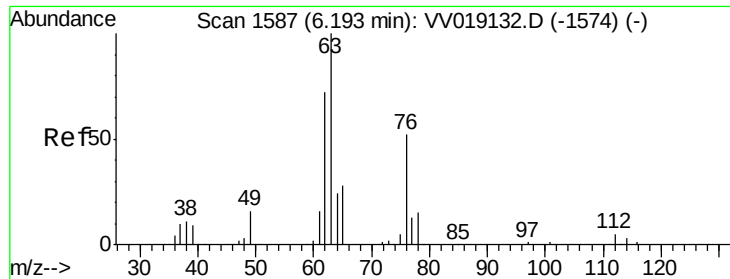


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

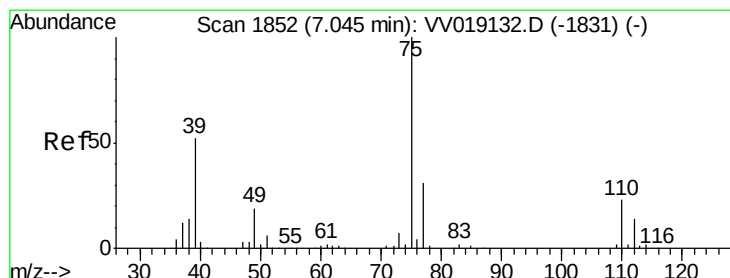
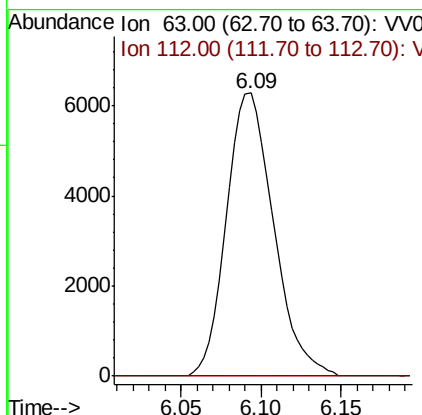
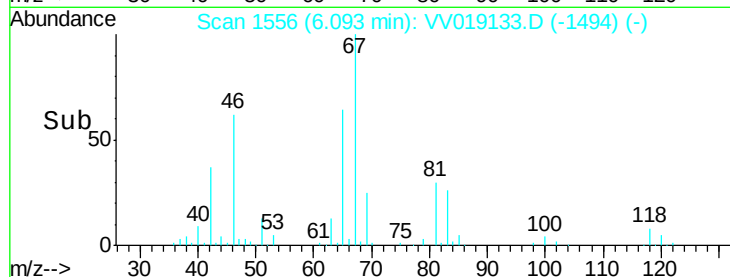
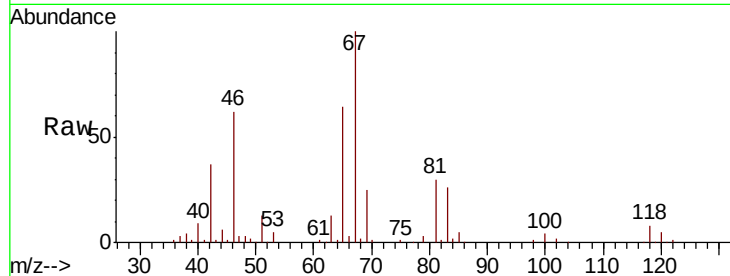




#37
 1,2-Dichloropropane
 Concen: 6.414 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019133.D
 Acq: 28 Oct 2020 11:04

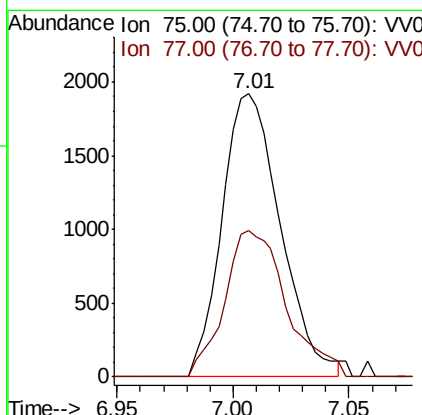
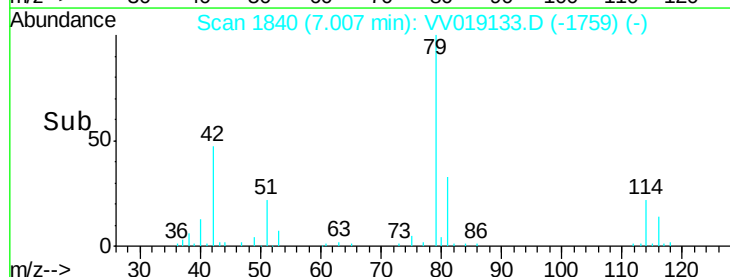
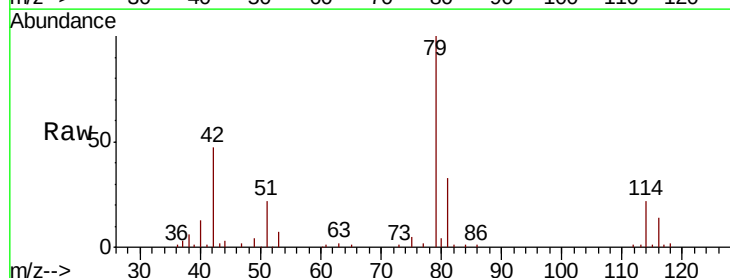
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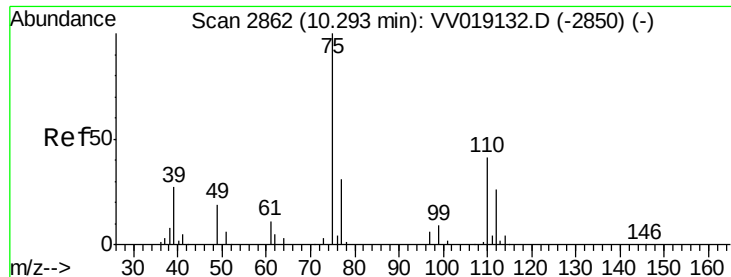
Tot Ion: 63 Resp: 12663
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.151 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019133.D
 Acq: 28 Oct 2020 11:04

Tgt Ion: 75 Resp: 3357
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.447 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019133.D

Acq: 28 Oct 2020 11:04

Instrument :

MSVOA_V

ClientSampleId :

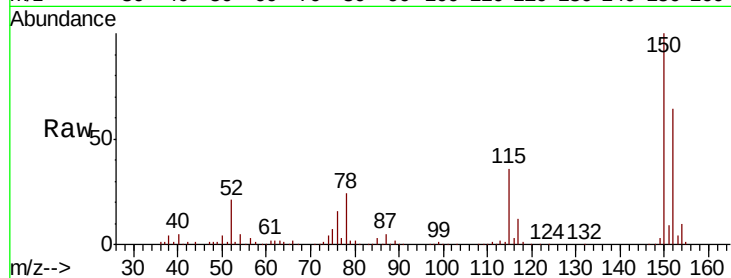
VBLK62

Tot Ion: 75 Resp: 12573

Ion Ratio Lower Upper

75 100

77 40.5 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

