

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010311.D
 Acq On : 07 May 2019 21:21
 Operator : SY/VA
 Sample : K2613-19
 Misc : 5.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFHD3

Quant Time: May 08 04:39:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	469242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	471943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104417	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.89	69	89178	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	186299	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.08	46	128555	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
24) Chloroform-d	7.64	84	304563	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.30	65	197063	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.52%
29) Benzene-d6	8.27	84	551526	21.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.04%
33) 1,2-Dichloropropane-d6	9.27	67	190459	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	482579	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.48%
38) trans-1,3-Dichloropropene-	10.58	79	78040	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.93	63	95354	47.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	187117	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	184339	27.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.36%

Target Compounds

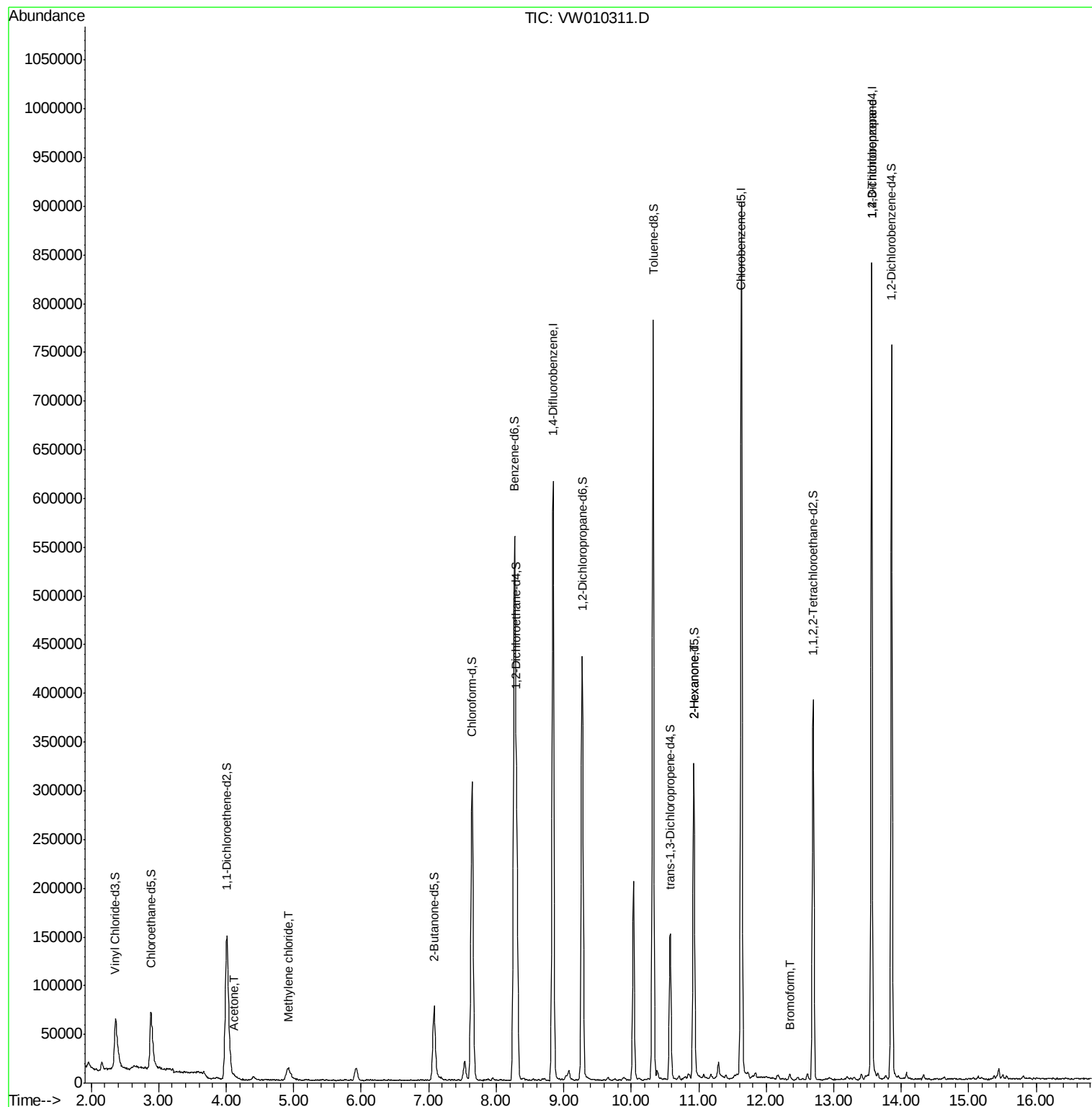
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	4387	2.025	ug/L	87
16) Methylene chloride	4.92	84	11961	1.883	ug/L	91
49) 2-Hexanone	10.93	43	14755	2.955	ug/L #	72
59) 1,2,3-Trichloropropane	13.55	75	27593	4.737	ug/L	91
62) Bromoform	12.35	173	1949	0.568	ug/L #	42

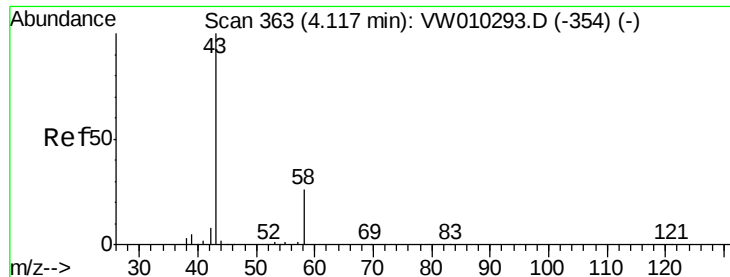
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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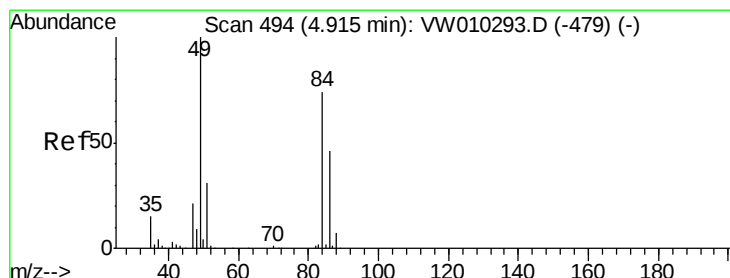
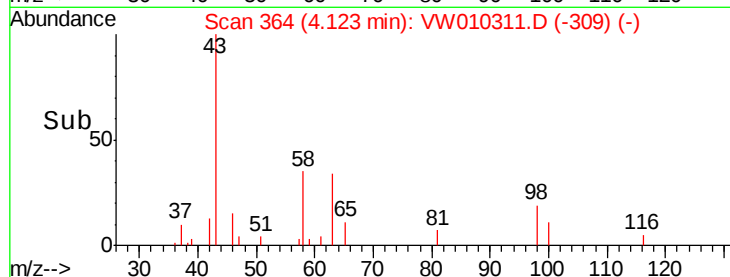
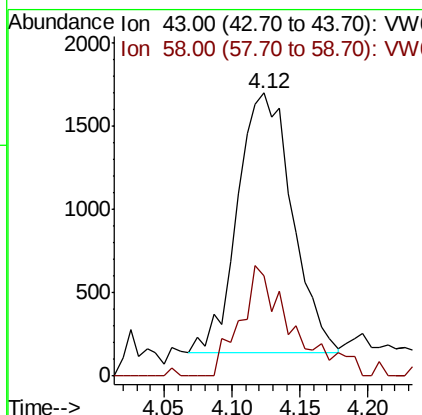
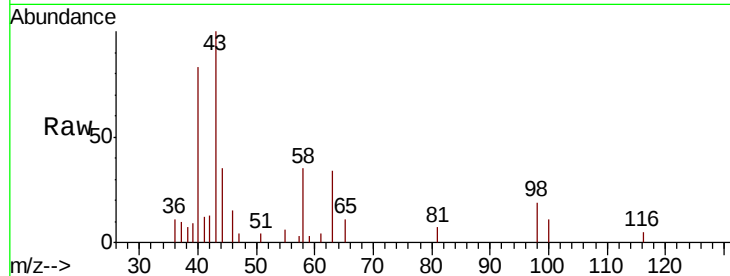




#13
Acetone
Concen: 2.025 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010311.D
Acq: 07 May 2019 21:21

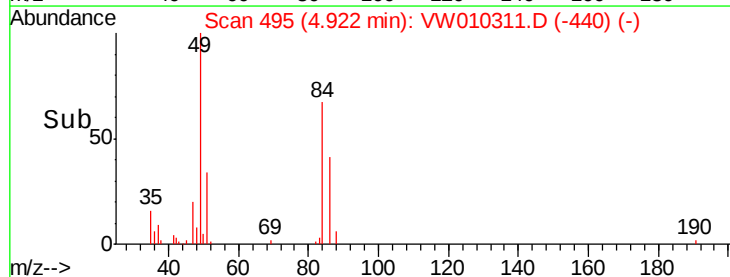
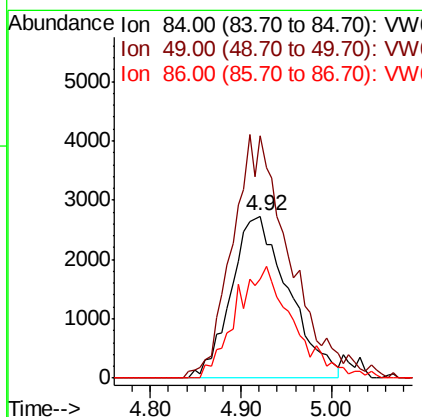
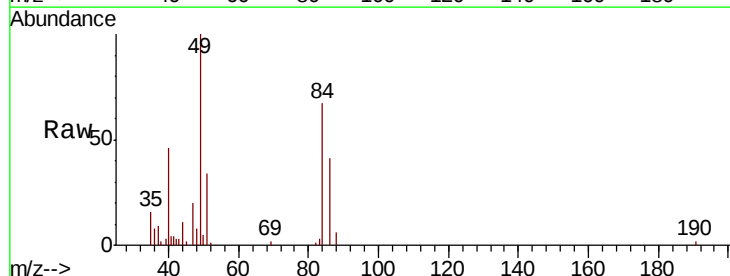
Instrument :
MSVOA_W
ClientSampleId :
BFHD3

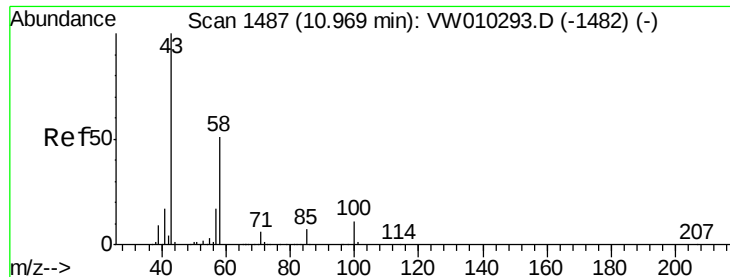
Tgt Ion: 43 Resp: 4387
Ion Ratio Lower Upper
43 100
58 34.6 0.0 55.2



#16
Methylene chloride
Concen: 1.883 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010311.D
Acq: 07 May 2019 21:21

Tgt Ion: 84 Resp: 11961
Ion Ratio Lower Upper
84 100
49 148.9 94.4 175.4
86 60.8 43.8 81.4





#49

2-Hexanone

Concen: 2.955 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010311.D

Acq: 07 May 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

BFHD3

Tgt Ion: 43 Resp: 14755

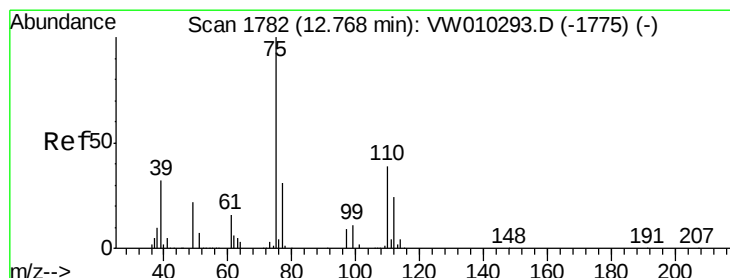
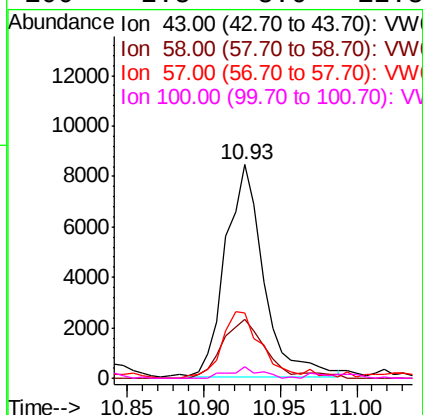
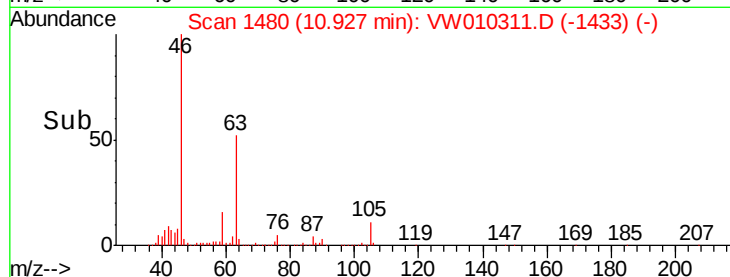
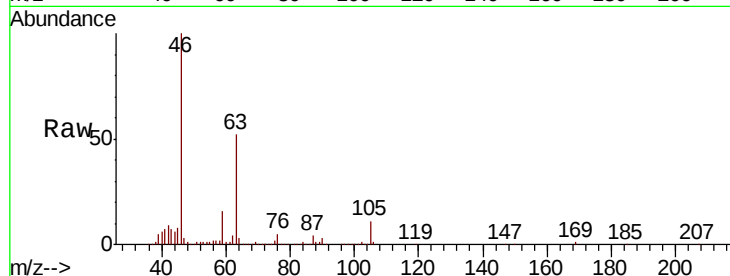
Ion Ratio Lower Upper

43 100

58 29.4 39.2 58.8#

57 31.5 14.1 21.1#

100 2.8 8.6 12.8#



#59

1,2,3-Trichloropropane

Concen: 4.737 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW010311.D

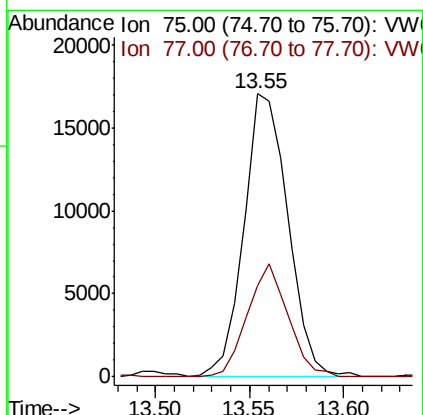
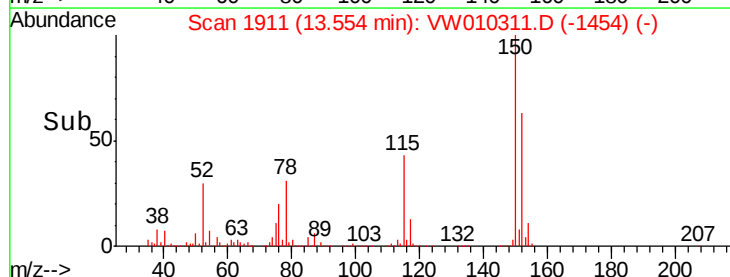
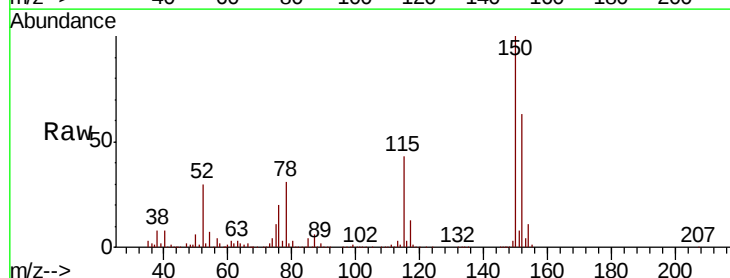
Acq: 07 May 2019 21:21

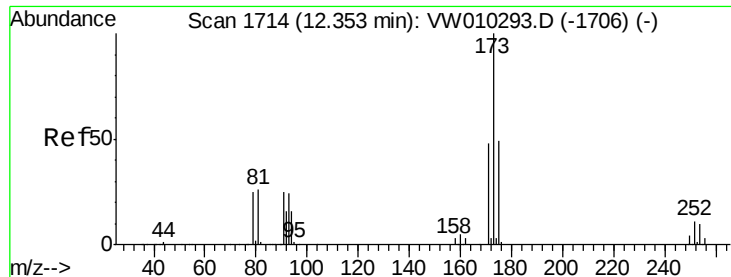
Tgt Ion: 75 Resp: 27593

Ion Ratio Lower Upper

75 100

77 37.0 25.7 38.5





#62

Bromoform

Concen: 0.568 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW010311.D

Acq: 07 May 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

BFHD3

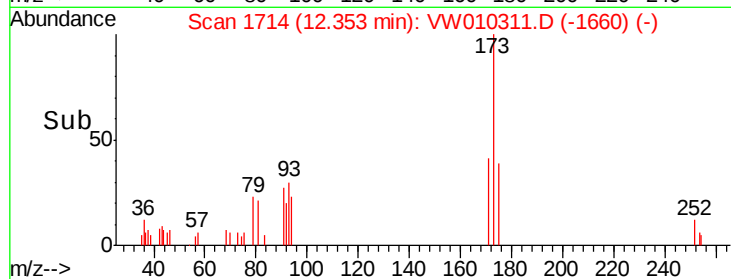
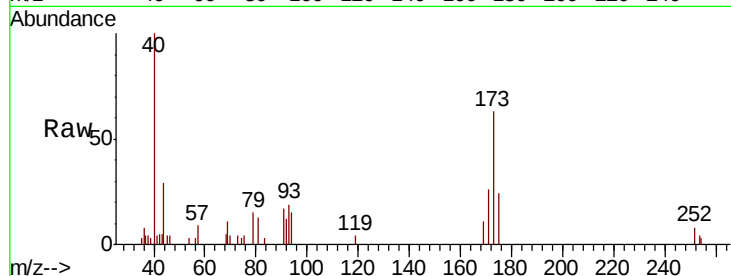
Tgt Ion:173 Resp: 1949

Ion Ratio Lower Upper

173 100

175 5.3 39.4 59.2#

254 1.2 7.5 11.3#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

