

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017934.D
 Acq On : 18 Jan 2021 17:29
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK03

Quant Time: Jan 19 06:58:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

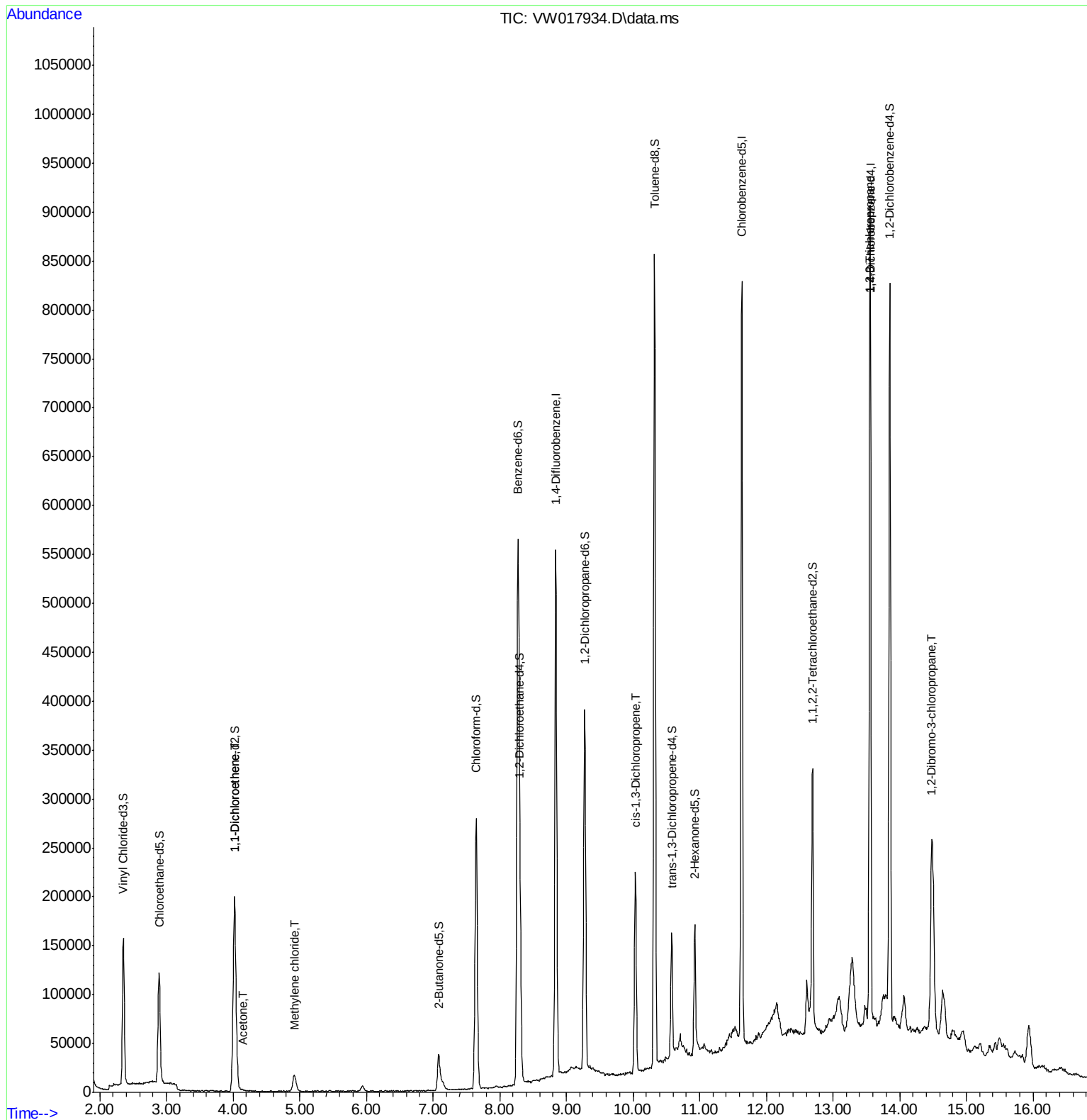
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	455754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	423428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217685	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	164341	22.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.88%		
7) Chloroethane-d5	2.891	69	136715	23.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.60%		
10) 1,1-Dichloroethene-d2	4.019	63	215521	16.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.72%		
20) 2-Butanone-d5	7.085	46	64174	37.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.20%		
24) Chloroform-d	7.646	84	277403	22.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.24%		
26) 1,2-Dichloroethane-d4	8.305	65	158129	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.92%		
29) Benzene-d6	8.274	84	556175	22.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.80%		
33) 1,2-Dichloropropane-d6	9.274	67	160278	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.96%		
37) Toluene-d8	10.323	98	530728	23.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.32%		
38) trans-1,3-Dichloroprop...	10.579	79	65425	20.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.08%		
39) 2-Hexanone-d5	10.926	63	48272	39.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.08%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	123218	20.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.36%		
61) 1,2-Dichlorobenzene-d4	13.852	152	186020	24.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.24%		
Target Compounds						
12) 1,1-Dichloroethene	4.019	96	1832	0.31	ug/L #	1
13) Acetone	4.147	43	1252	1.03	ug/L	97
16) Methylene chloride	4.921	84	13644	2.07	ug/L	93
42) cis-1,3-Dichloropropene	10.036	75	6306	0.66	ug/L #	66
59) 1,2,3-Trichloropropane	13.554	75	28891	6.35	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.480	75	2352	2.29	ug/L #	1

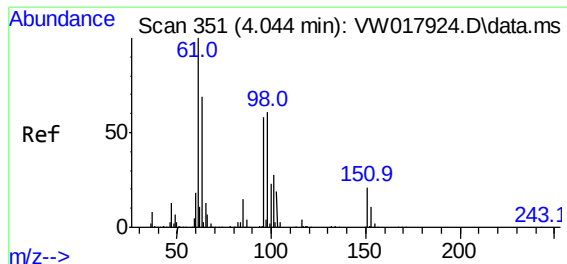
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
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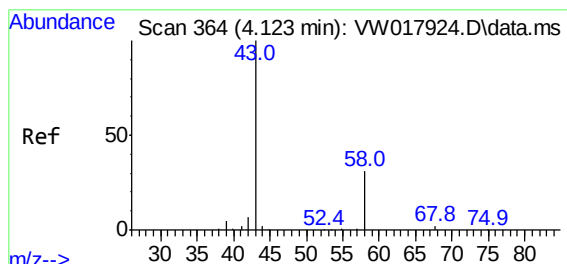
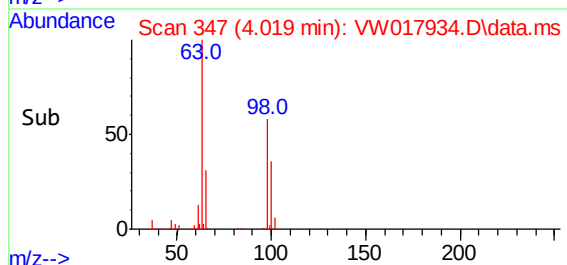
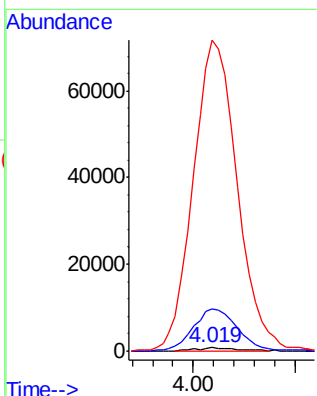
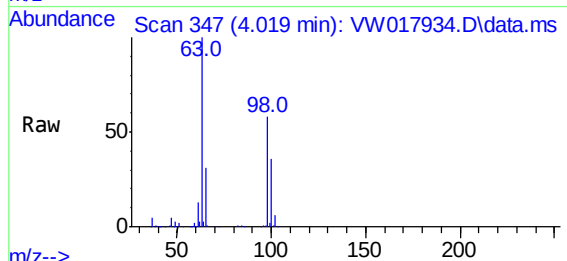




#12
1,1-Dichloroethene
Concen: 0.31 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.025 min
Lab File: VW017934.D
Acq: 18 Jan 2021 17:29

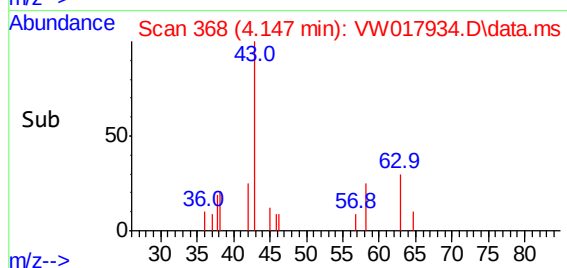
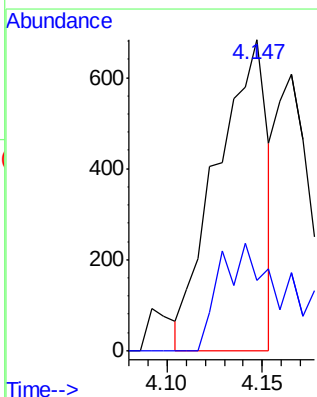
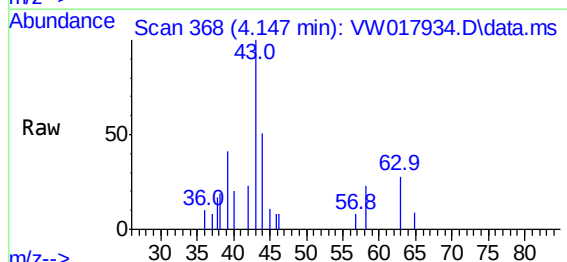
Instrument :
MSVOA_W
ClientSampled :
VIBLK03

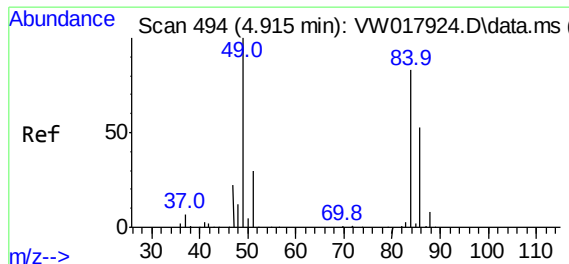
Tgt Ion: 96 Resp: 1832
Ion Ratio Lower Upper
96 100
61 1451.1 112.5 208.9#
63 10782.6 83.1 154.3#



#13
Acetone
Concen: 1.03 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.024 min
Lab File: VW017934.D
Acq: 18 Jan 2021 17:29

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 32.3 0.0 68.4



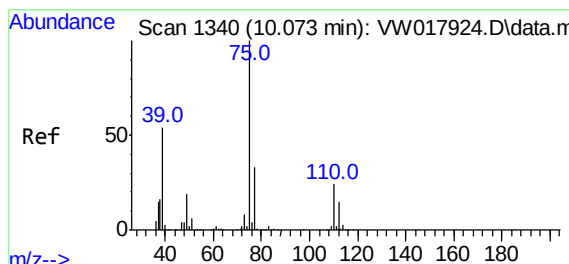
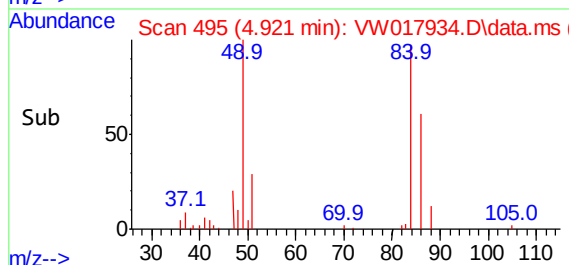
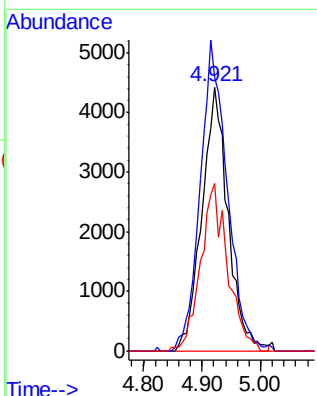
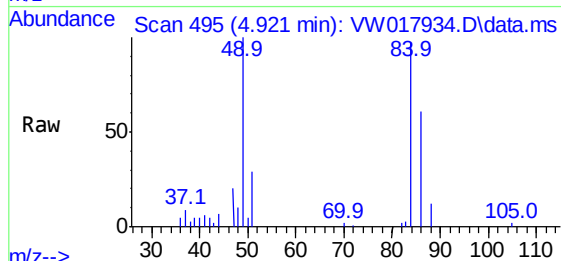


#16
Methylene chloride
Concen: 2.07 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017934.D
Acq: 18 Jan 2021 17:29

Instrument :
MSVOA_W
ClientSampled :
VIBLK03

Tgt Ion: 84 Resp: 13644

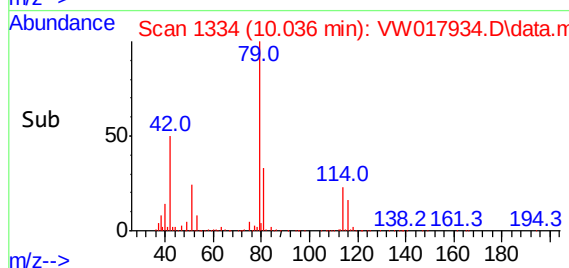
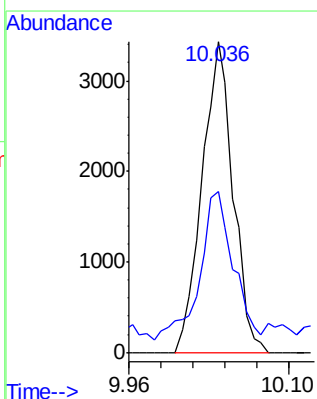
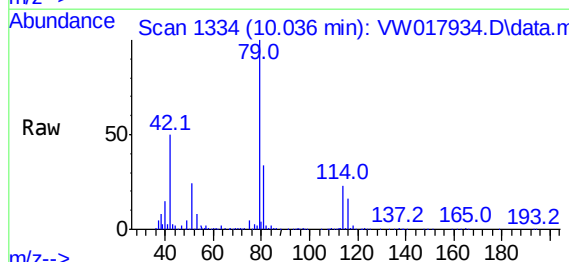
Ion	Ratio	Lower	Upper
84	100		
49	103.6	81.2	150.8
86	63.4	44.5	82.7

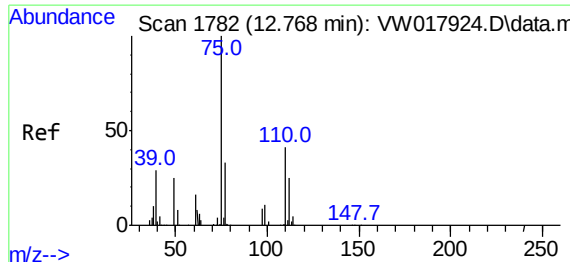


#42
cis-1,3-Dichloropropene
Concen: 0.66 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017934.D
Acq: 18 Jan 2021 17:29

Tgt Ion: 75 Resp: 6306

Ion	Ratio	Lower	Upper
75	100		
77	51.7	22.7	42.3





#59

1,2,3-Trichloropropane

Concen: 6.35 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW017934.D

Acq: 18 Jan 2021 17:29

Instrument :

MSVOA_W

ClientSampled :

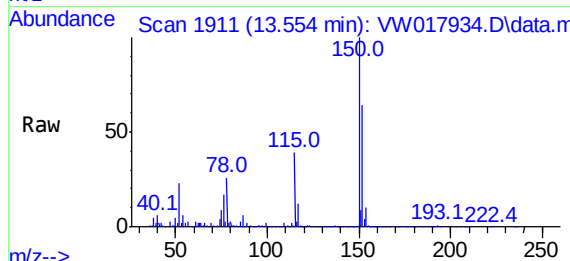
VIBLK03

Tgt Ion: 75 Resp: 28891

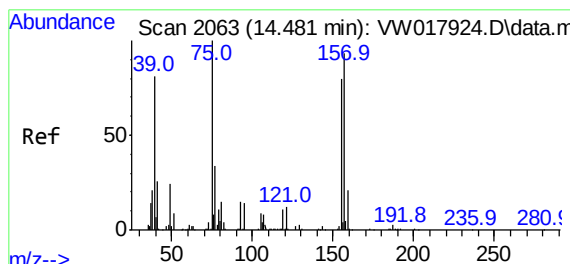
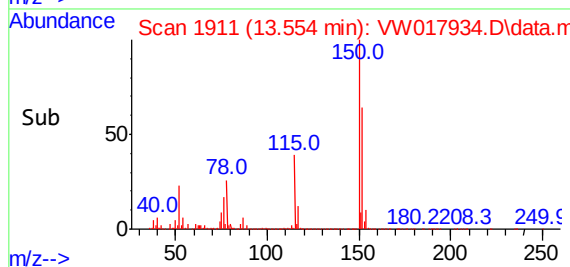
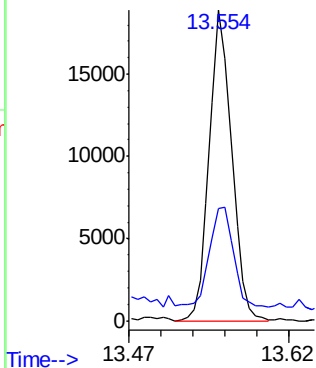
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8



Abundance



#66

1,2-Dibromo-3-chloropropane

Concen: 2.29 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW017934.D

Acq: 18 Jan 2021 17:29

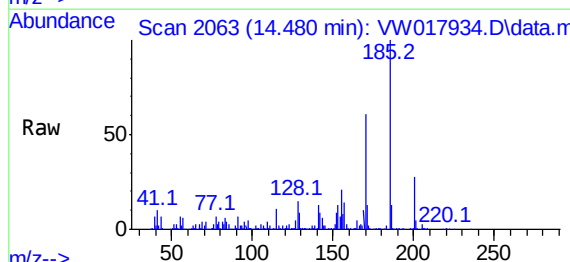
Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

157 875.1 99.9 149.9#

155 1331.5 71.4 107.0#



Abundance

