

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040637.D
 Acq On : 10 Oct 2020 16:18
 Operator : SY/MD
 Sample : L4240-11DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T0DL

Quant Time: Oct 12 07:39:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133463	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44763	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	38104	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	69283	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.66	46	199037	56.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	5.08	84	91290	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	56795	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	171573	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	57447	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	142602	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	23432	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	137113	53.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52238	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	65510	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

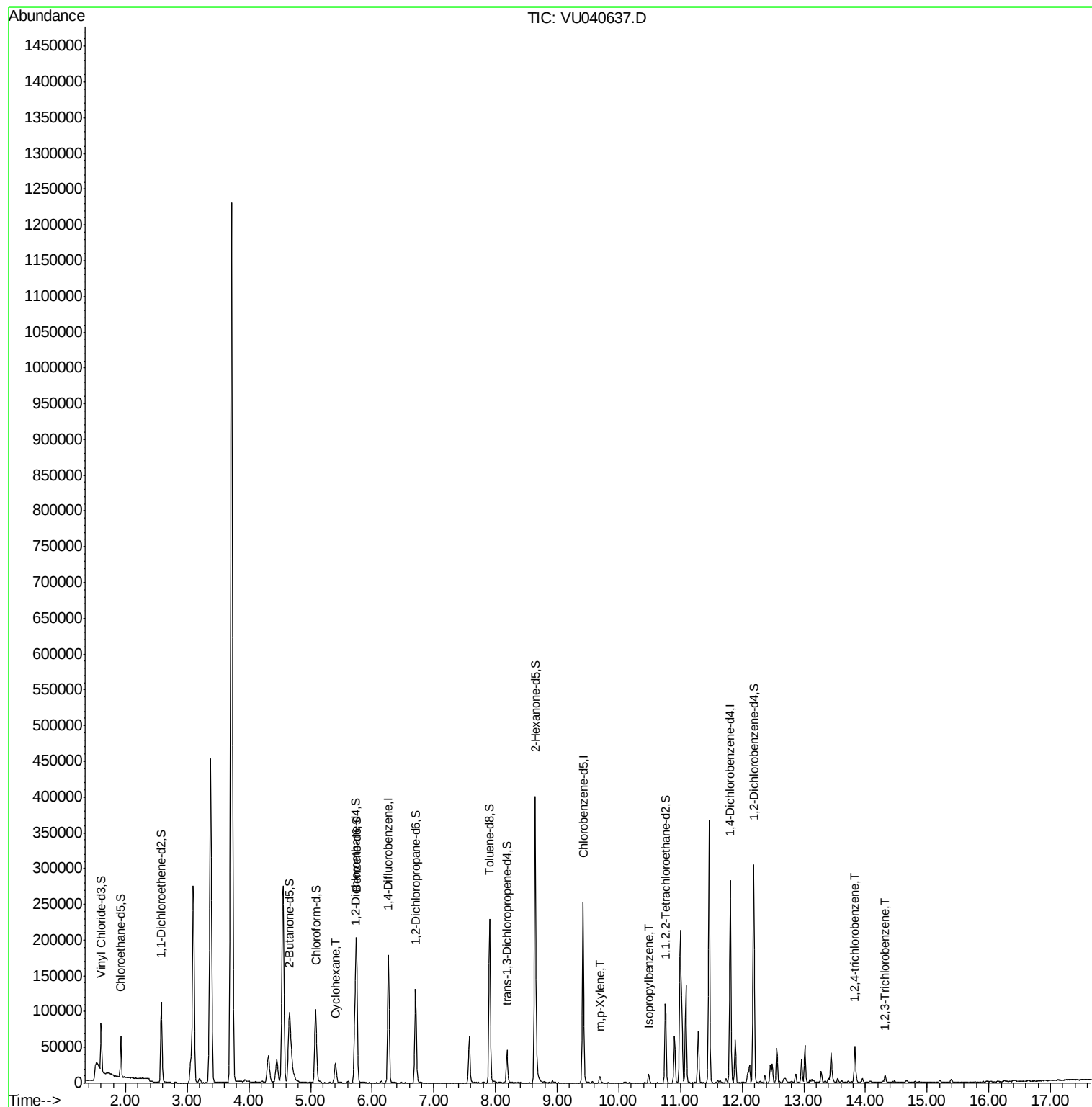
Target Compounds					Ovalue
30) Cyclohexane	5.40	56	13086	0.801 ug/L	99
53) m,p-Xylene	9.69	106	2578	0.151 ug/L	78
56) Isopropylbenzene	10.48	105	7975	0.181 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	11599	0.915 ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	3282	0.279 ug/L	97

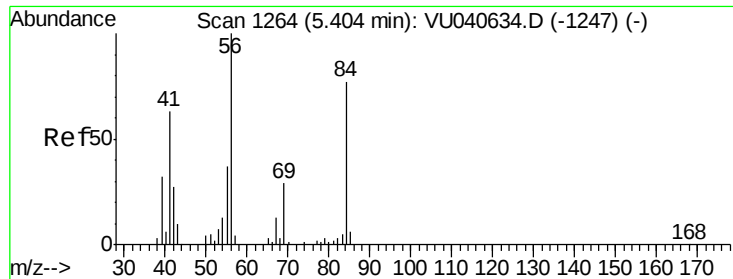
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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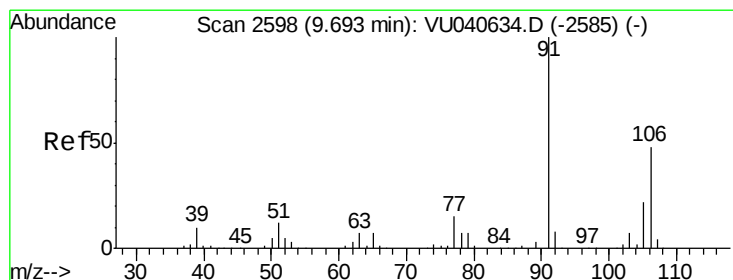
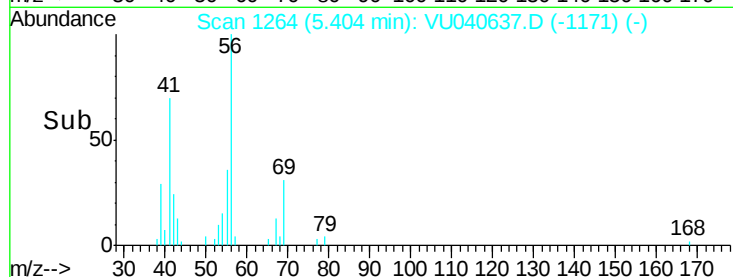
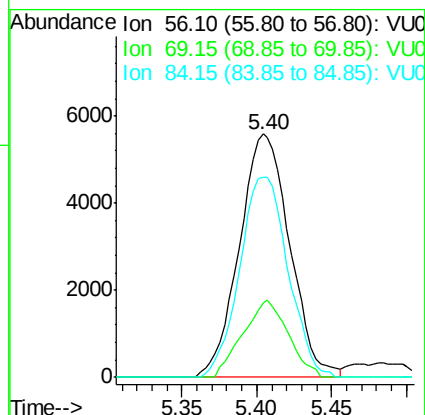
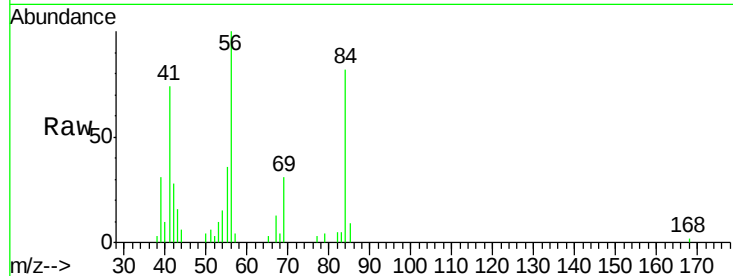




#30
Cyclohexane
Concen: 0.801 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VU040637.D
Acq: 10 Oct 2020 16:18

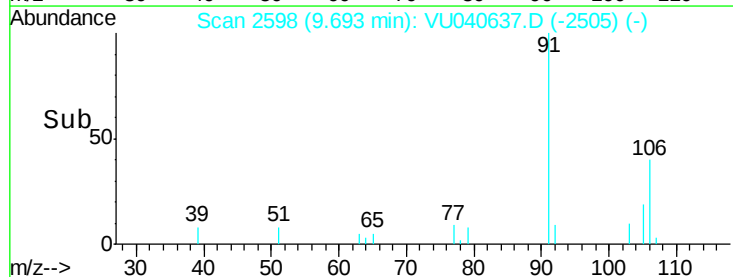
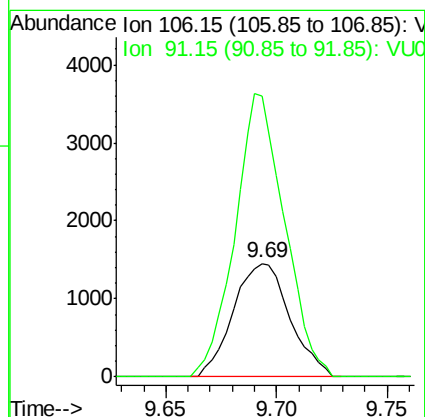
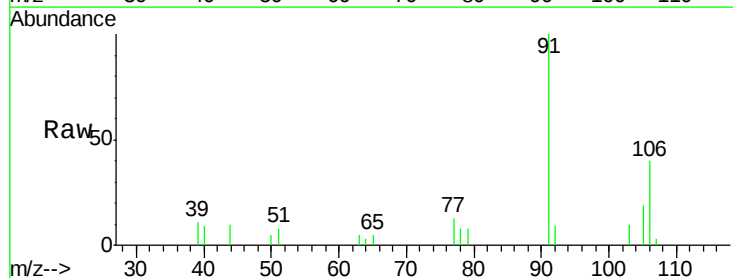
Instrument :
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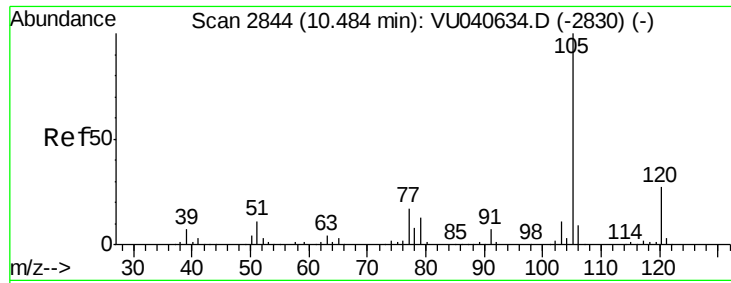
Tot Ion: 56 Resp: 13086
Ion Ratio Lower Upper
56 100
69 28.5 23.8 35.8
84 79.1 64.0 96.0



#53
m,p-Xylene
Concen: 0.151 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040637.D
Acq: 10 Oct 2020 16:18

Tgt Ion: 106 Resp: 2578
Ion Ratio Lower Upper
106 100
91 247.4 148.5 275.7





#56

Isopropylbenzene

Concen: 0.181 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040637.D

Acq: 10 Oct 2020 16:18

Instrument :

MSVOA_U

ClientSampleId :

BG3T0DL

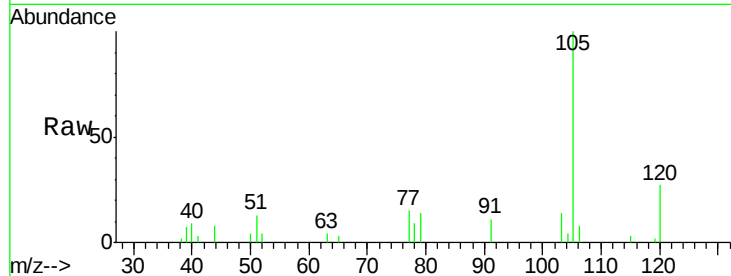
Tot Ion:105 Resp: 7975

Ion Ratio Lower Upper

105 100

120 24.7 20.6 30.8

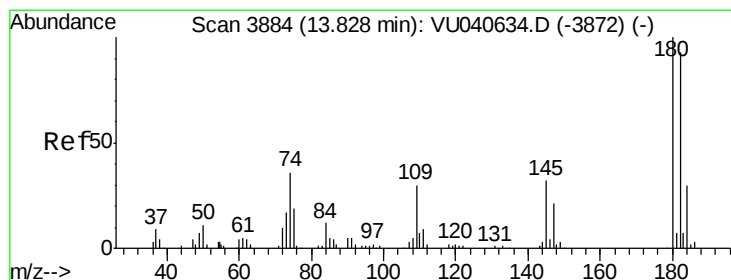
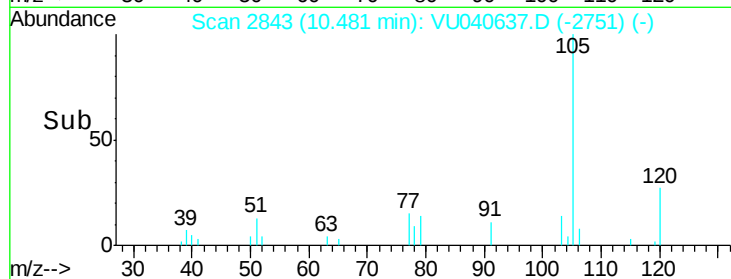
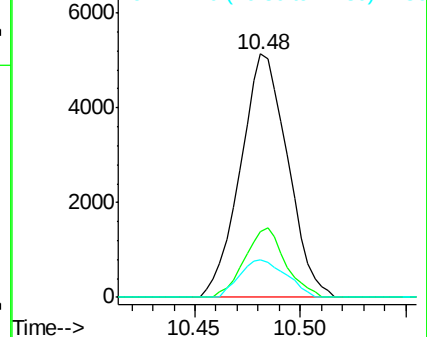
77 15.2 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#68

1,2,4-trichlorobenzene

Concen: 0.915 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. 0.00 min

Lab File: VU040637.D

Acq: 10 Oct 2020 16:18

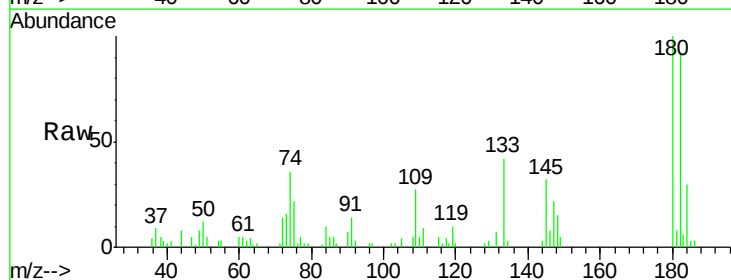
Tgt Ion:180 Resp: 11599

Ion Ratio Lower Upper

180 100

182 94.8 78.8 118.2

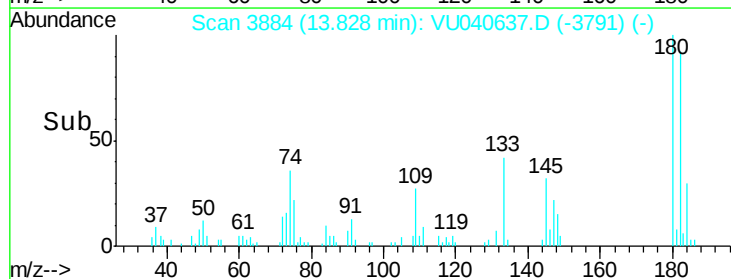
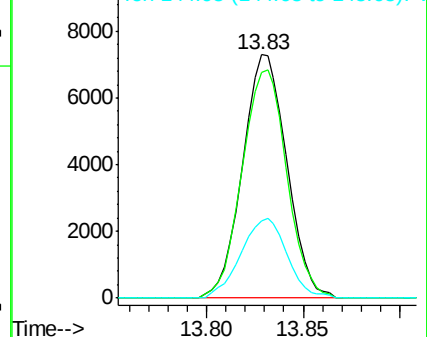
145 34.1 26.1 39.1

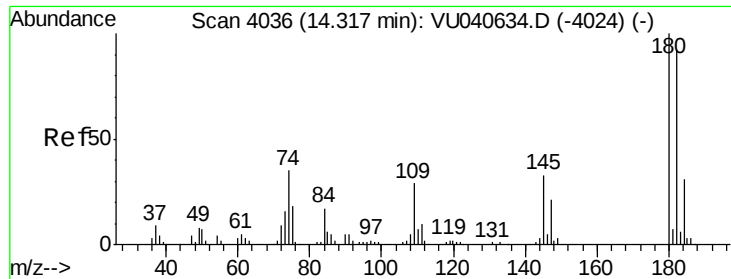


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70

1,2,3-Trichlorobenzene

Concen: 0.279 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU040637.D

Acq: 10 Oct 2020 16:18

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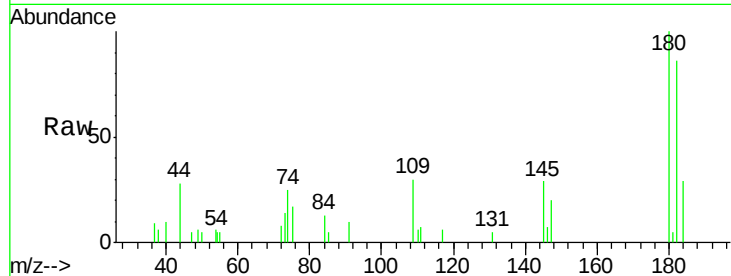
Tot Ion:180 Resp: 3282

Ion Ratio Lower Upper

180 100

182 91.1 75.8 113.8

145 35.3 27.4 41.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

