

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041804.D
 Acq On : 24 Dec 2020 14:14
 Operator : SY/MD
 Sample : VU1225WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB30

Quant Time: Dec 25 03:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 25 03:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136480	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39215	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	41339	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.57	63	62510	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	166270	54.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.50%
24) Chloroform-d	5.08	84	83165	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	46615	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.74	84	154336	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.70	67	50249	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.90	98	128935	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.18	79	20603	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	127372	44.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48746	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52942	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

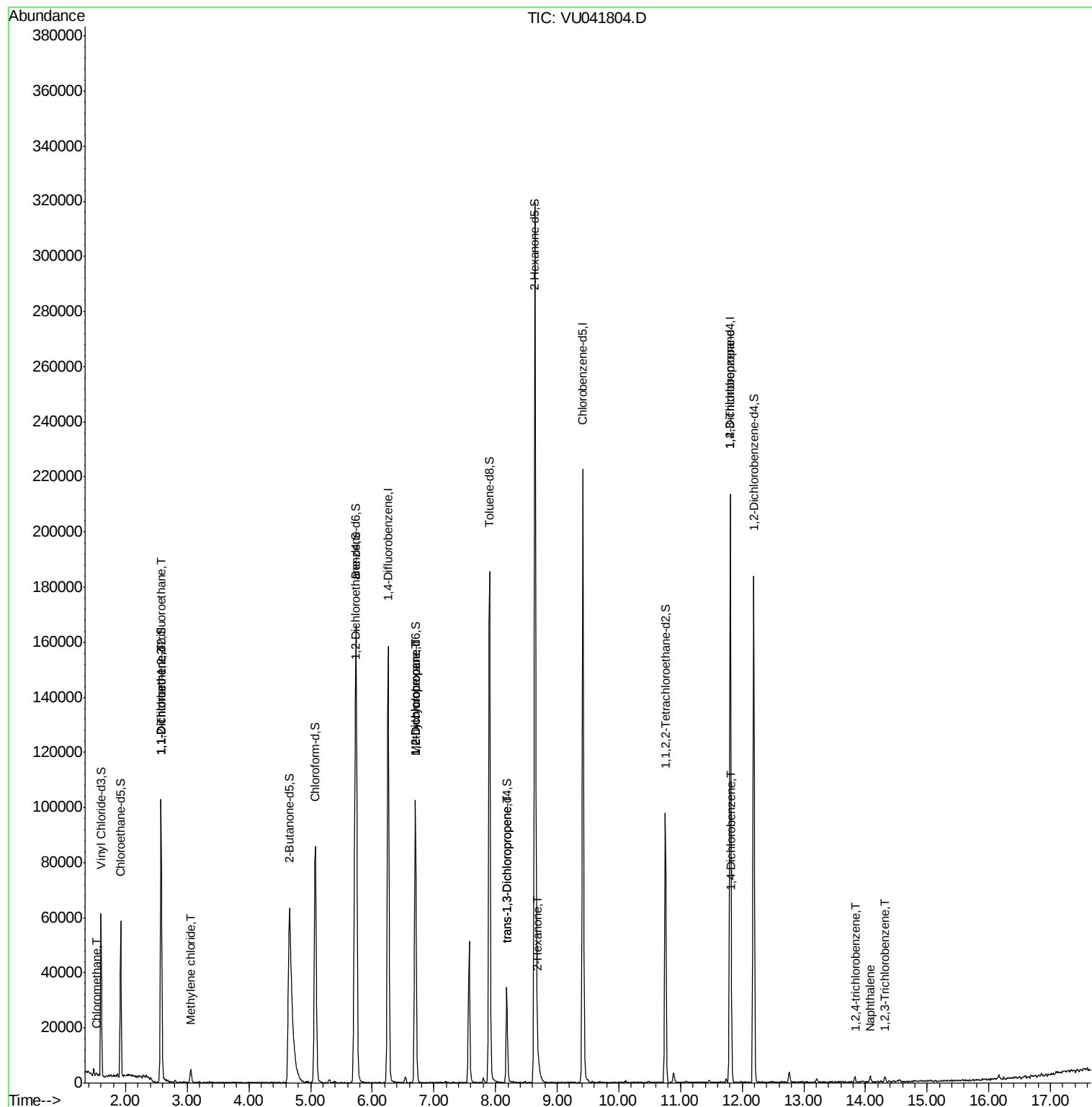
					Ovalue
3) Chloromethane	1.52	50	734	0.065	ug/L # 79
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	663	0.071	ug/L # 22
12) 1,1-Dichloroethene	2.58	96	550	0.059	ug/L # 1
16) Methylene chloride	3.06	84	2506	0.227	ug/L 80
35) Methylcyclohexane	6.70	83	12269	0.721	ug/L # 20
37) 1,2-Dichloropropane	6.70	63	5148	0.480	ug/L # 88
44) trans-1,3-Dichloropropene	8.17	75	538	0.038	ug/L 83
48) 2-Hexanone	8.68	43	2621	0.472	ug/L # 78
59) 1,2,3-Trichloropropane	11.81	75	6983	0.868	ug/L 98
63) 1,4-Dichlorobenzene	11.83	146	786	0.042	ug/L 98
68) 1,2,4-trichlorobenzene	13.83	180	1000	0.085	ug/L 89
69) Naphthalene	14.08	128	2464	0.101	ug/L # 82
70) 1,2,3-Trichlorobenzene	14.32	180	980	0.087	ug/L # 15

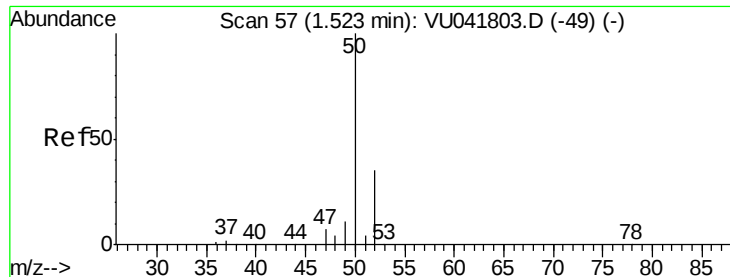
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.065 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

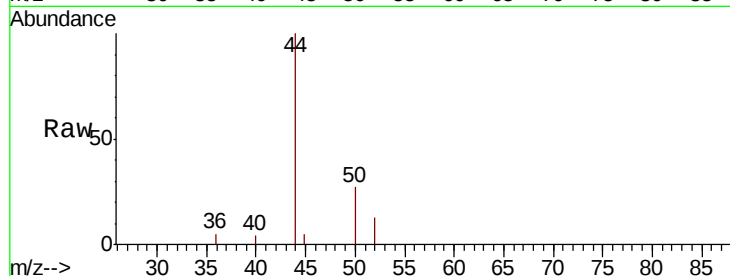
BFB30

Tot Ion: 50 Resp: 734

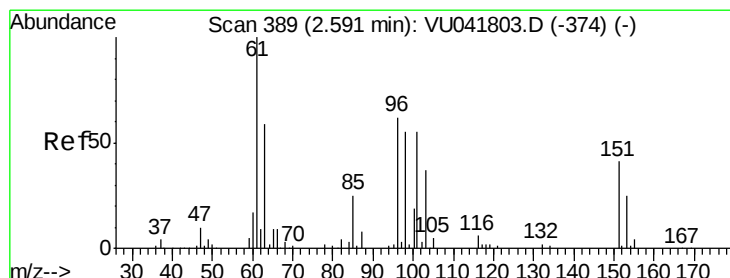
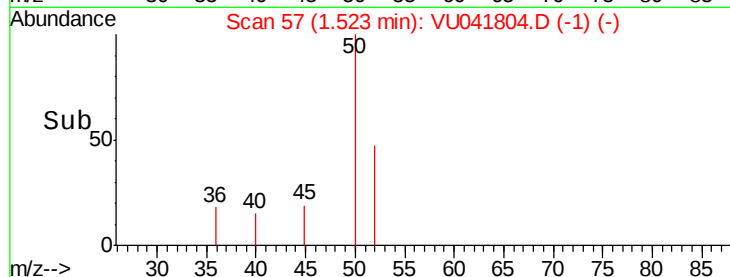
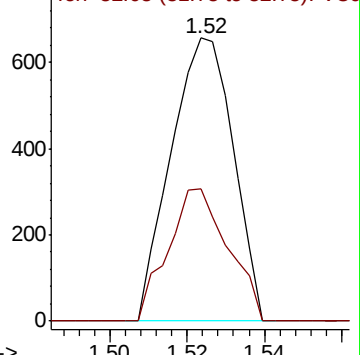
Ion Ratio Lower Upper

50 100

52 46.9 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU041803.D (-49) (-)



#10

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

Concen: 0.071 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

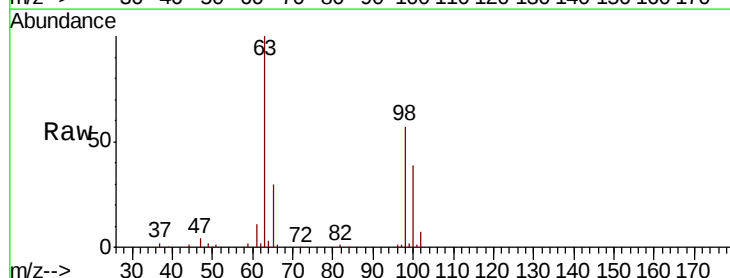
Tgt Ion: 101 Resp: 663

Ion Ratio Lower Upper

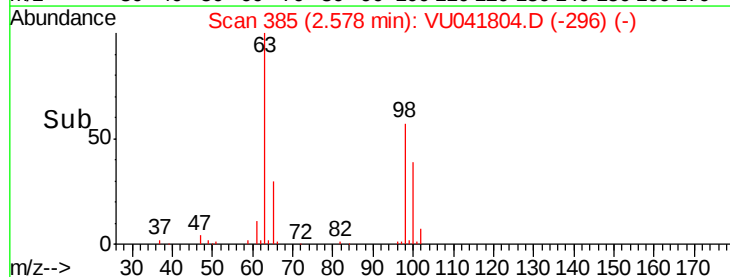
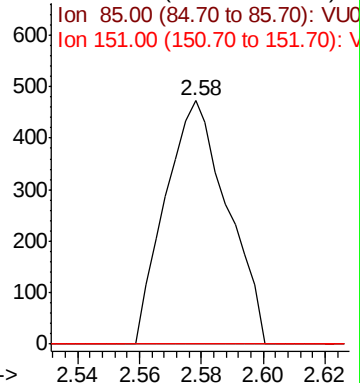
101 100

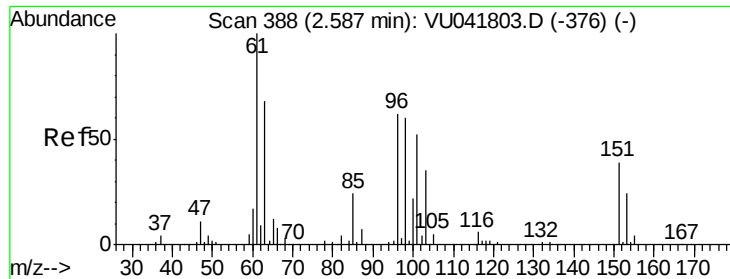
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041804.D (-296) (-)





#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

BFB30

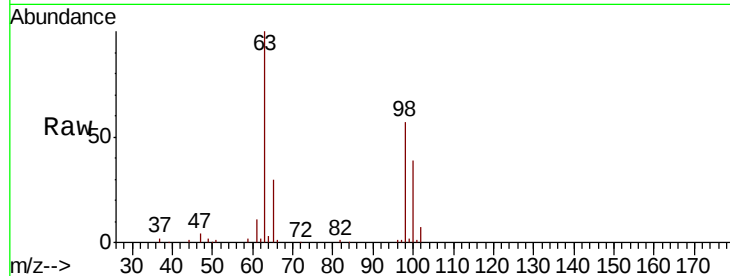
Tot Ion: 96 Resp: 550

Ion Ratio Lower Upper

96 100

61 1171.4 123.8 230.0#

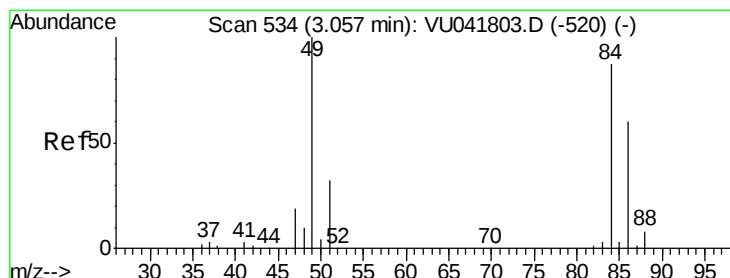
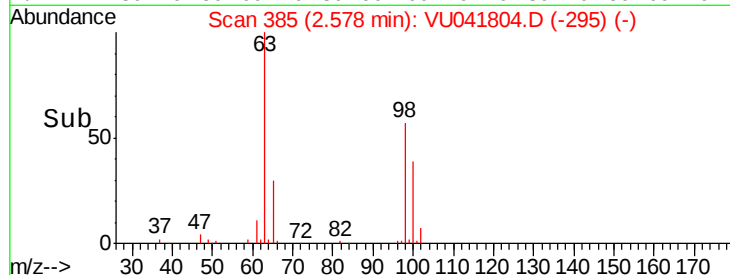
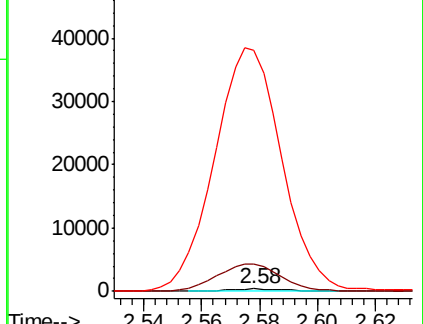
63 10302.7 81.0 150.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.227 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

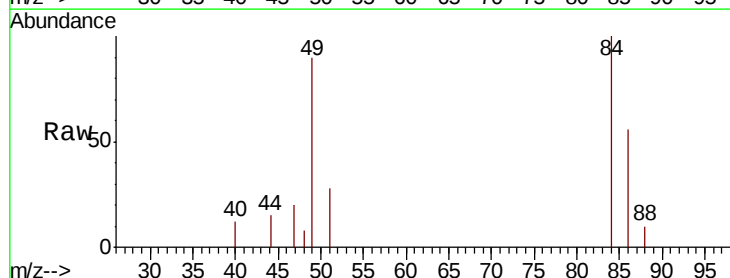
Tgt Ion: 84 Resp: 2506

Ion Ratio Lower Upper

84 100

86 56.1 45.1 83.7

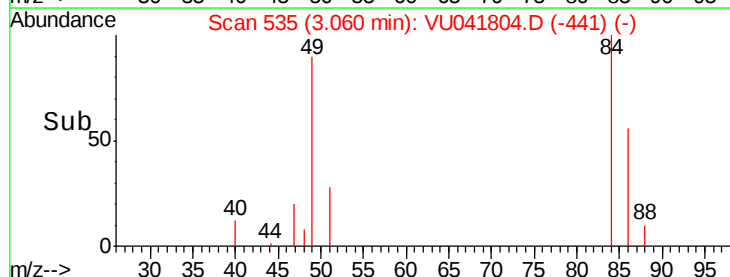
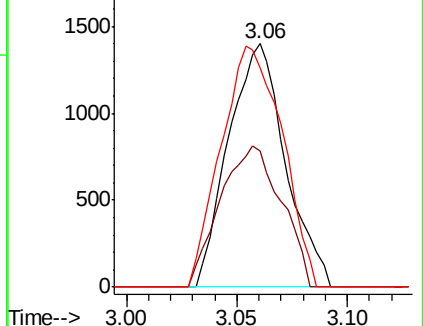
49 90.1 83.1 154.3

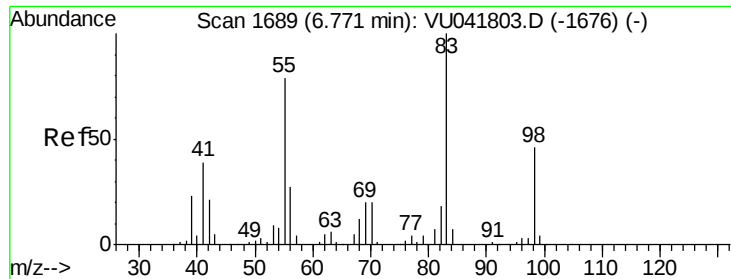


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

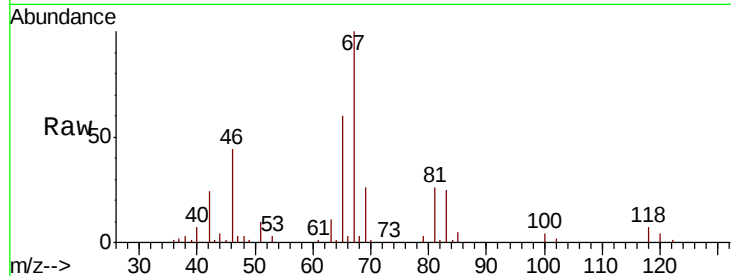




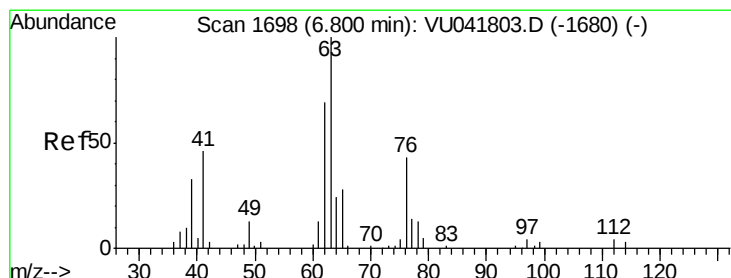
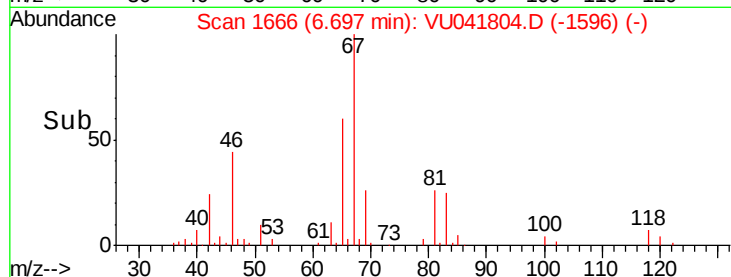
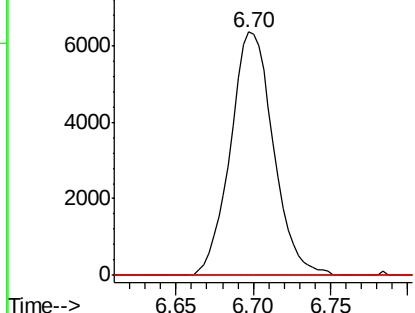
#35
Methvlcvclohexane
Concen: 0.721 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.07 min
Lab File: VU041804.D
Acq: 24 Dec 2020 14:14

Instrument :
MSVOA_U
ClientSampleId :
BFB30

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	3.1	36.6	54.8#

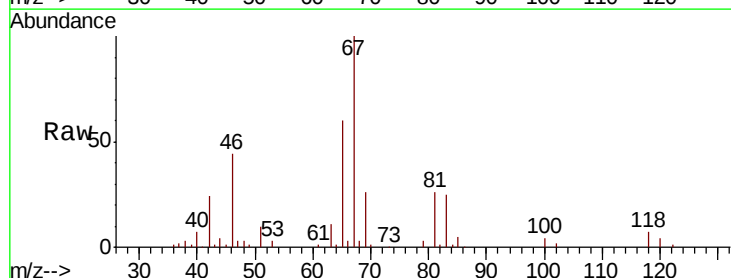


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

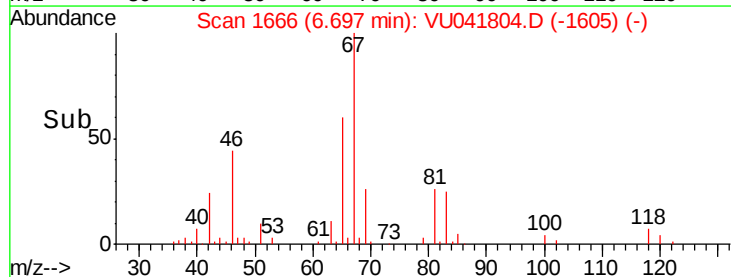
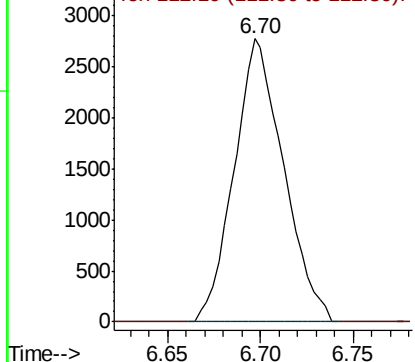


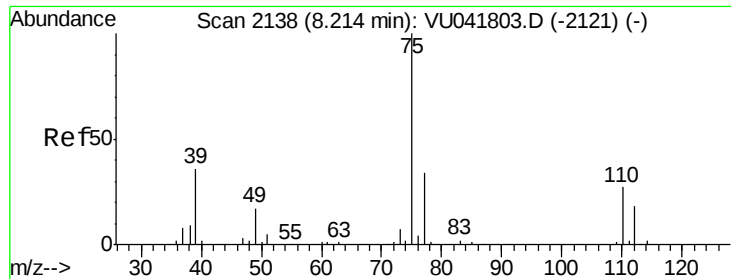
#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041804.D
Acq: 24 Dec 2020 14:14

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

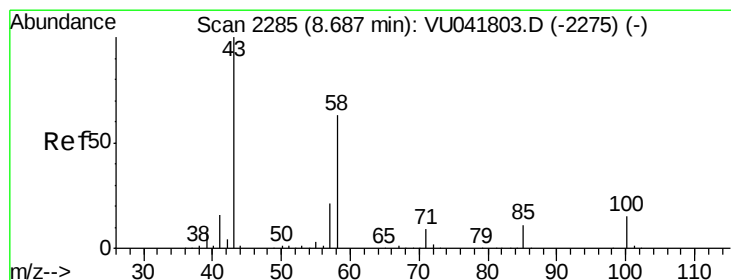
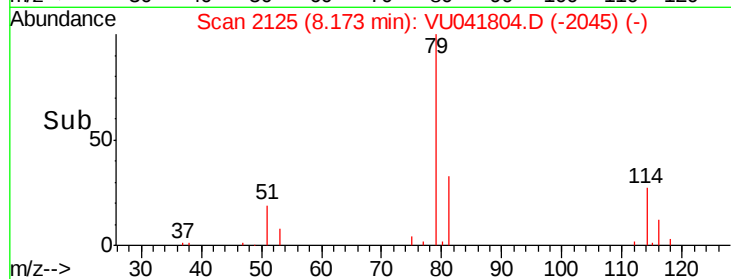
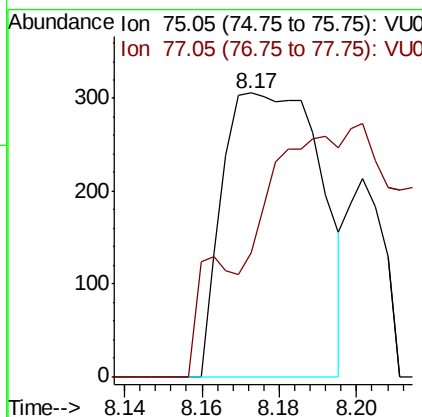
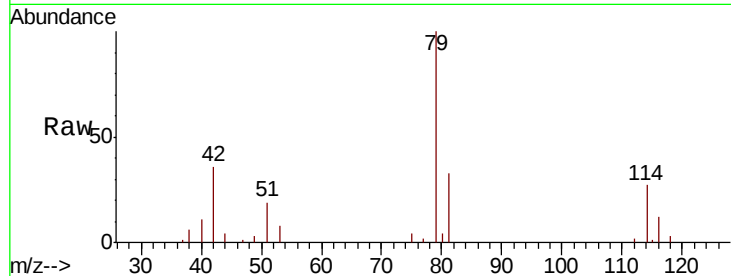




#44
trans-1,3-Dichloropropene
Concen: 0.038 ug/L
RT: 8.17 min Scan# 2125
Delta R.T. -0.04 min
Lab File: VU041804.D
Acq: 24 Dec 2020 14:14

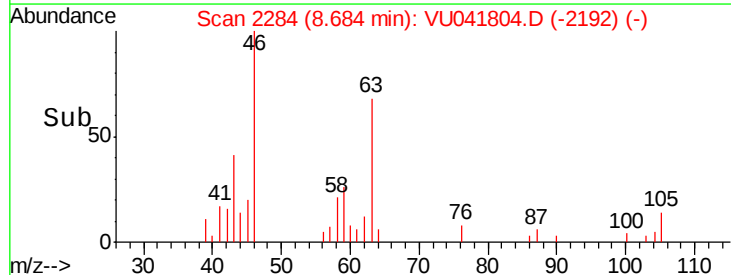
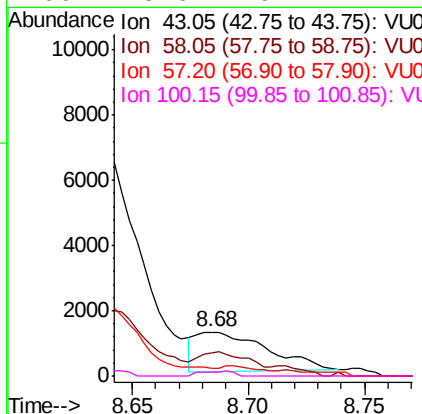
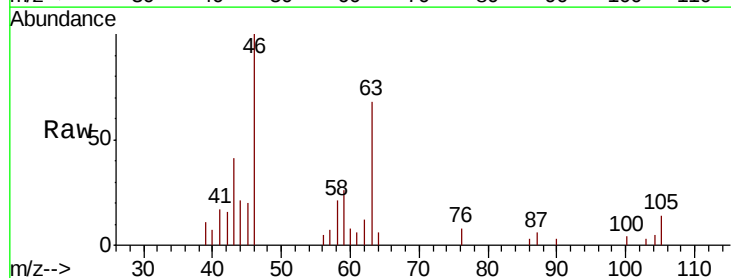
Instrument :
MSVOA_U
ClientSampleId :
BFB30

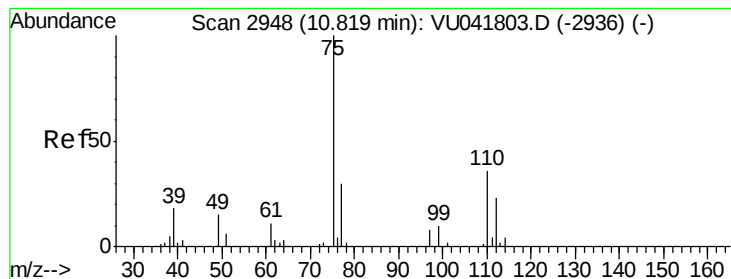
Tot Ion: 75 Resp: 538
Ion Ratio Lower Upper
75 100
77 43.8 23.8 44.2



#48
2-Hexanone
Concen: 0.472 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VU041804.D
Acq: 24 Dec 2020 14:14

Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
58 44.3 47.9 71.9#
57 6.7 16.5 24.7#
100 5.6 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.868 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

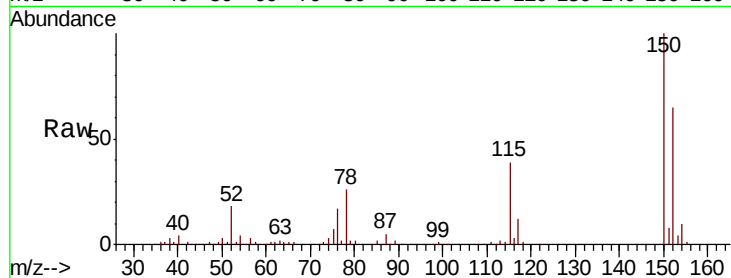
BFB30

Tot Ion: 75 Resp: 6983

Ion Ratio Lower Upper

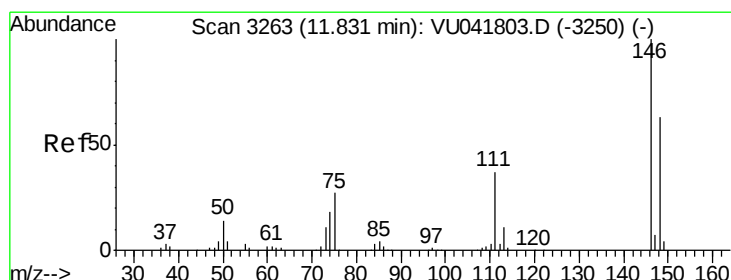
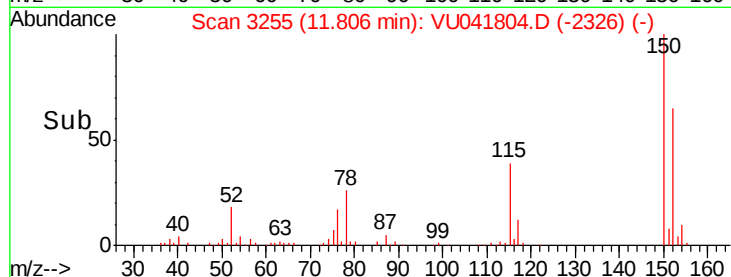
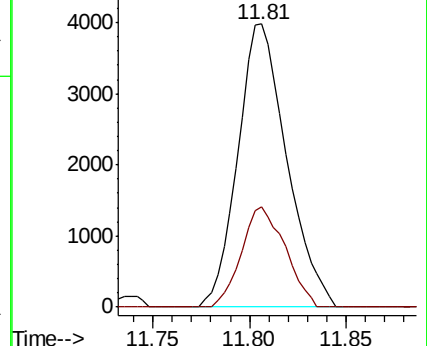
75 100

77 31.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU041803.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041803.D (-2936) (-)



#63

1,4-Dichlorobenzene

Concen: 0.042 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.00 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

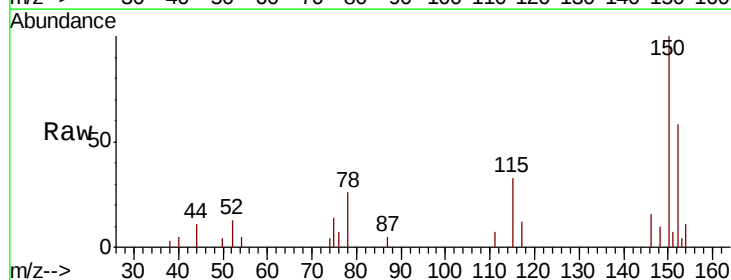
Tgt Ion: 146 Resp: 786

Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.9

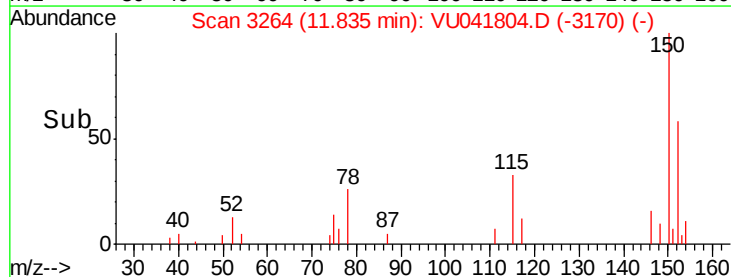
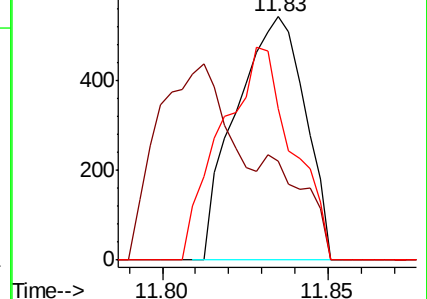
148 62.4 45.0 83.6

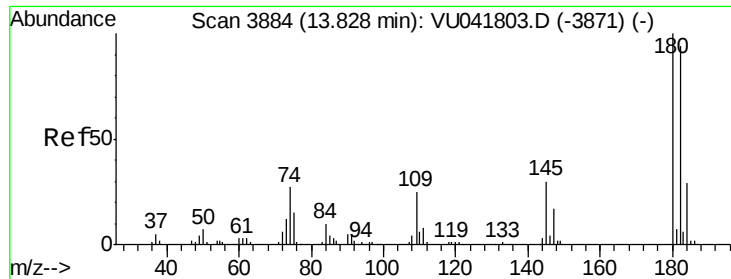


Abundance Ion 145.95 (145.65 to 146.65): VU041803.D (-3250) (-)

Ion 111.00 (110.70 to 111.70): VU041803.D (-3250) (-)

Ion 148.00 (147.70 to 148.70): VU041803.D (-3250) (-)

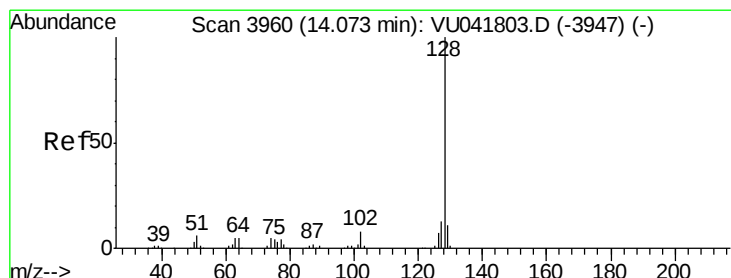
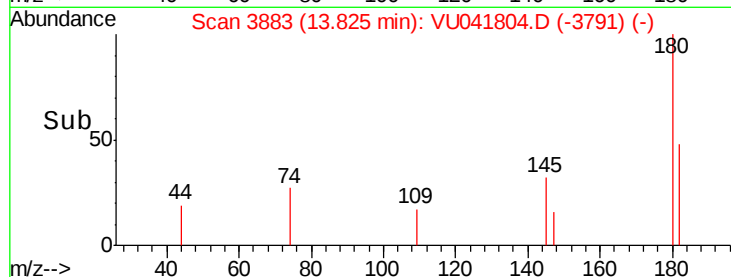
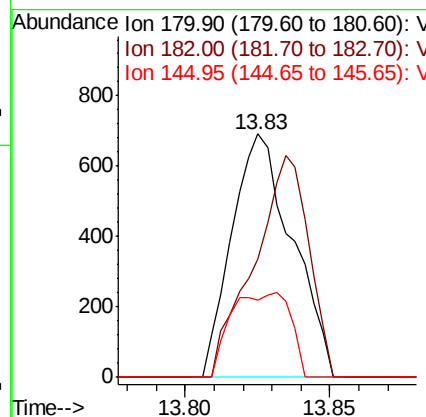
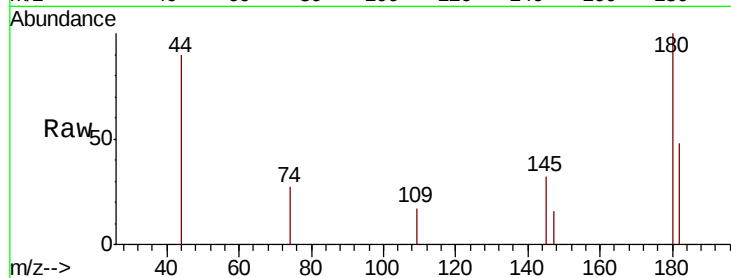




#68
 1,2,4-trichlorobenzene
 Concen: 0.085 ug/L
 RT: 13.83 min Scan# 3883
 Delta R.T. -0.00 min
 Lab File: VU041804.D
 Acq: 24 Dec 2020 14:14

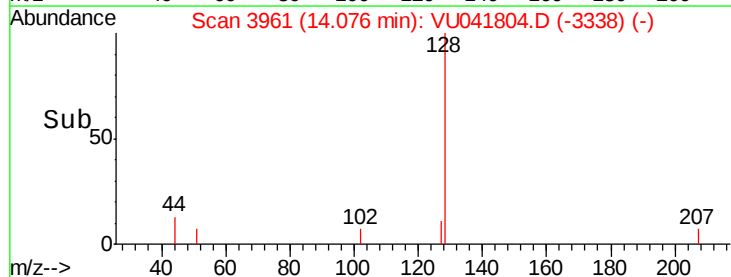
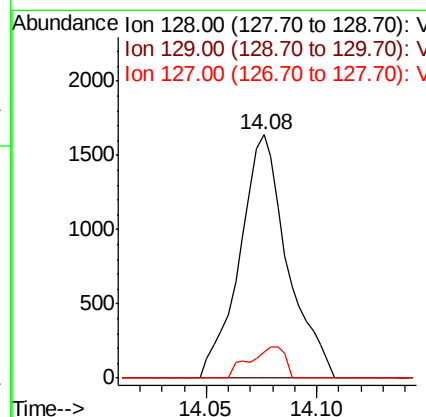
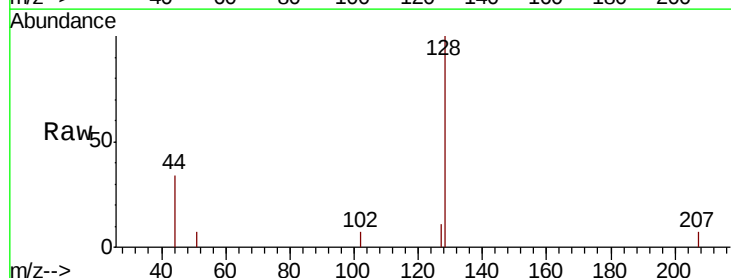
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB30

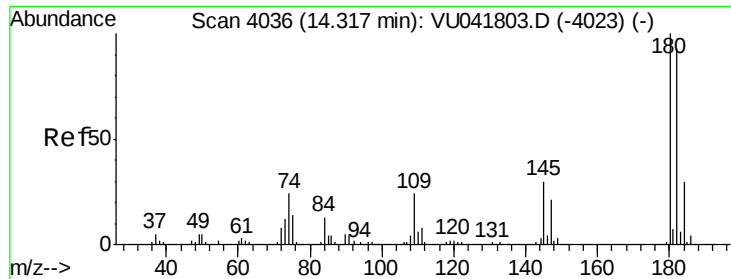
Tot Ion:180 Resp: 1000
 Ion Ratio Lower Upper
 180 100
 182 82.4 75.4 113.0
 145 34.3 24.5 36.7



#69
 Naphthalene
 Concen: 0.101 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: VU041804.D
 Acq: 24 Dec 2020 14:14

Tgt Ion:128 Resp: 2464
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 9.6 10.2 15.4#





#70

1,2,3-Trichlorobenzene

Concen: 0.087 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. 0.00 min

Lab File: VU041804.D

Acq: 24 Dec 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

BFB30

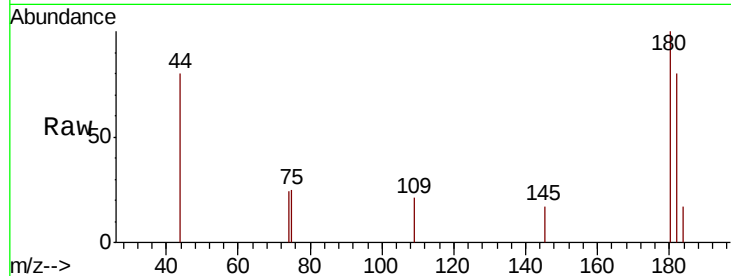
Tot Ion:180 Resp: 980

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.4#

145 7.2 26.4 39.6#



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

