

Data File : VU037063.D
Acq On : 05 Mar 2020 01:38
Operator : JC/MD
Sample : L1780-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DG7

Quant Time: Mar 05 02:59:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	235618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	80106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92166	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.74%
7) Chloroethane-d5	1.92	69	87302	50.22	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.44%
11) 1,1-Dichloroethene-d2	2.59	63	119943	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	4.67	46	154207	109.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.42%
24) Chloroform-d	5.10	84	160432	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	113731	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
32) Benzene-d6	5.76	84	349778	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.72	67	117134	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.12%
41) Toluene-d8	7.92	98	308674	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%
43) trans-1,3-Dichloropropene-	8.20	79	45428	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.66	63	106801	98.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.95%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	165841	53.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.58%
64) 1,2-Dichlorobenzene-d4	12.21	152	86212	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

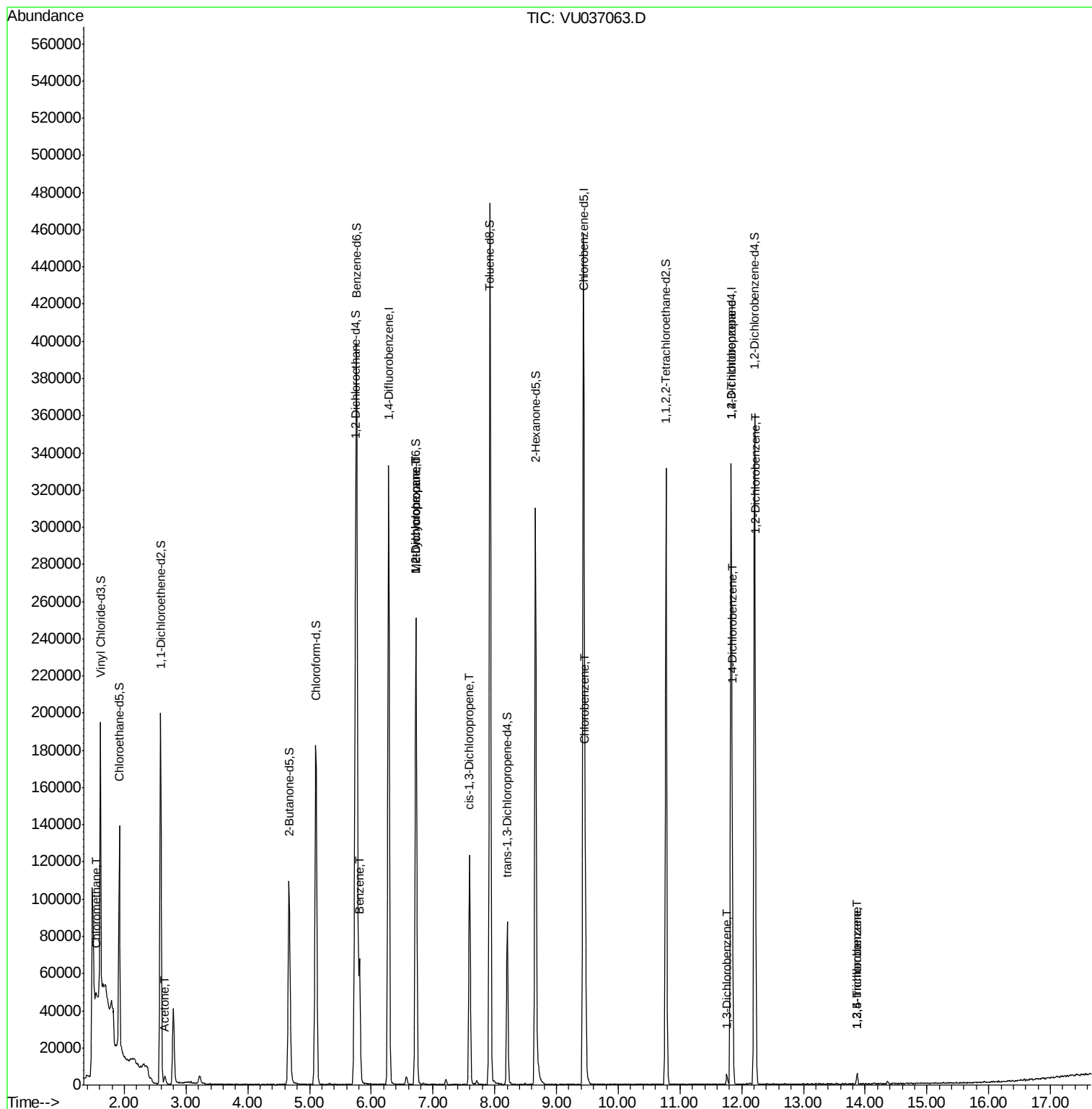
					Qvalue
3) Chloromethane	1.53	50	3145	1.288 ug/L	85
13) Acetone	2.66	43	4150	2.863 ug/L	99
33) Benzene	5.81	78	59640	8.012 ug/L	100
35) Methylcyclohexane	6.72	83	25493	8.037 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12455	6.214 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3047	0.987 ug/L #	67
51) Chlorobenzene	9.47	112	60566	12.890 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	13037	5.056 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	2585	0.995 ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	25836	10.063 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	14999	5.781 ug/L	96
67) 1,3,5-Trichlorobenzene	13.87	180	1984	1.203 ug/L	95
68) 1,2,4-trichlorobenzene	13.87	180	1984	1.605 ug/L	97

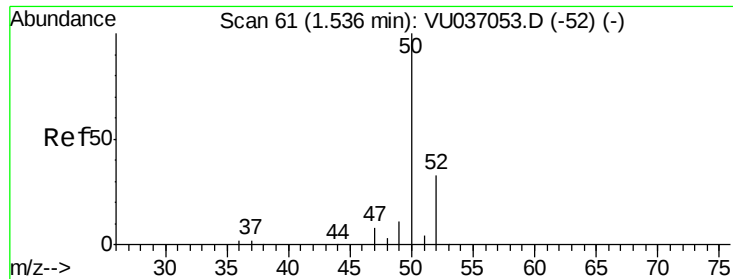
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU037063.D
Acq On : 05 Mar 2020 01:38
Operator : JC/MD
Sample : L1780-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DG7

Quant Time: Mar 05 02:59:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.288 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Instrument :

MSVOA_U

ClientSampleId :

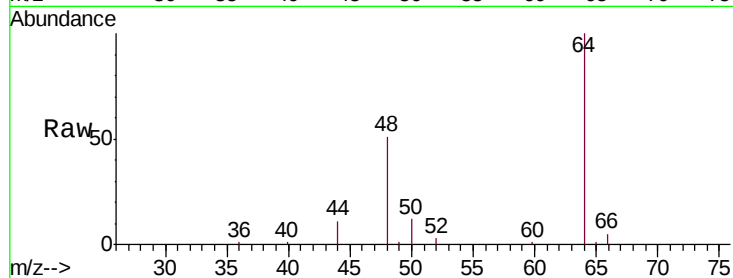
C0DG7

Tgt Ion: 50 Resp: 3145

Ion Ratio Lower Upper

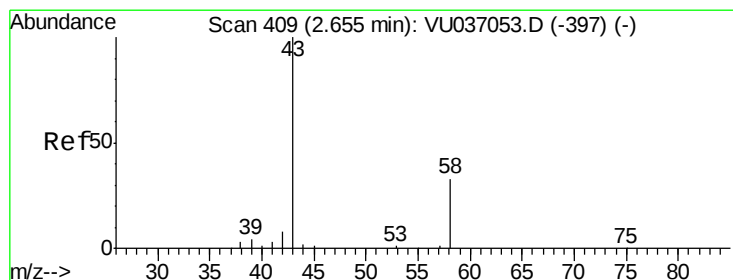
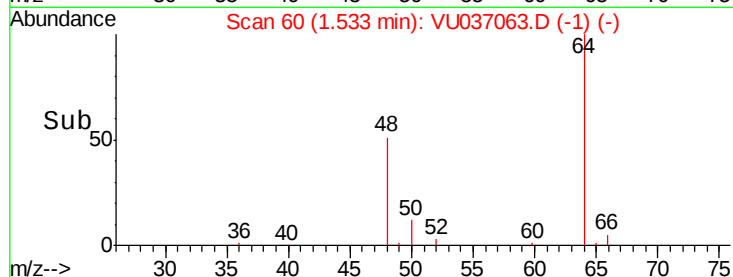
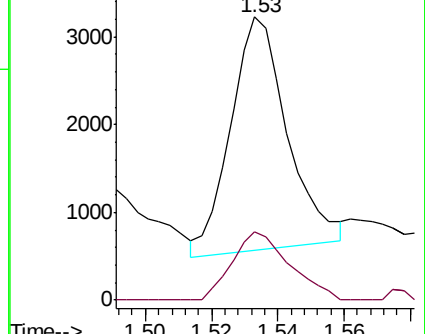
50 100

52 24.2 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037063.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037063.D (-52) (-)



#13

Acetone

Concen: 2.863 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037063.D

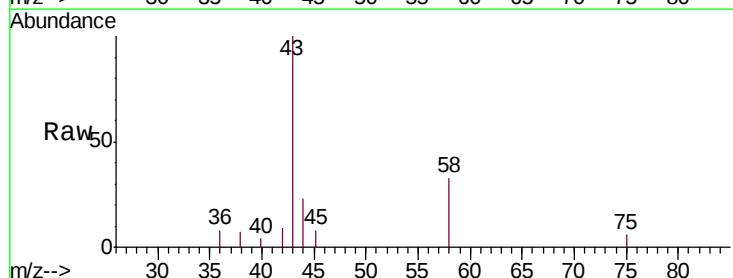
Acq: 05 Mar 2020 01:38

Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

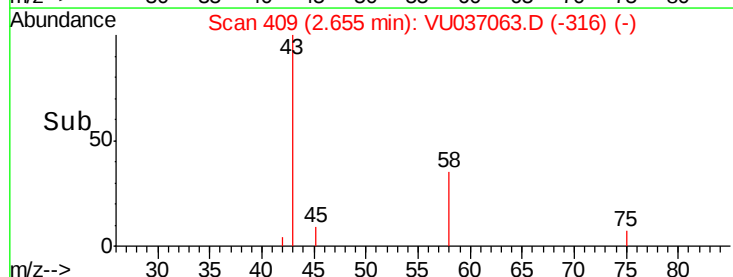
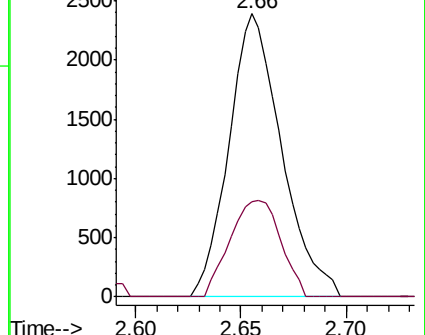
43 100

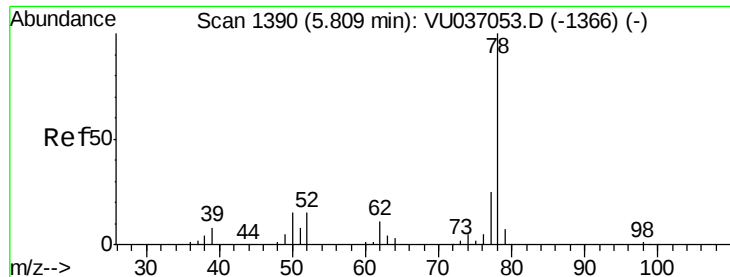
58 32.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037063.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037063.D (-397) (-)





#33

Benzene

Concen: 8.012 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

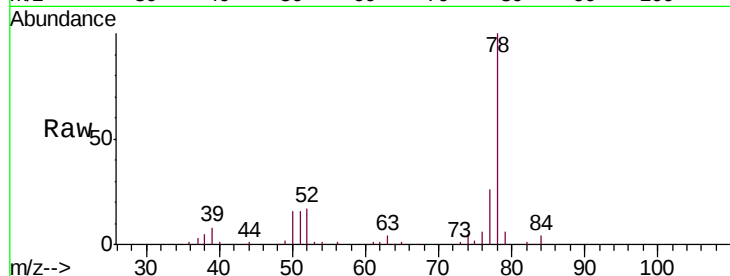
Instrument :

MSVOA_U

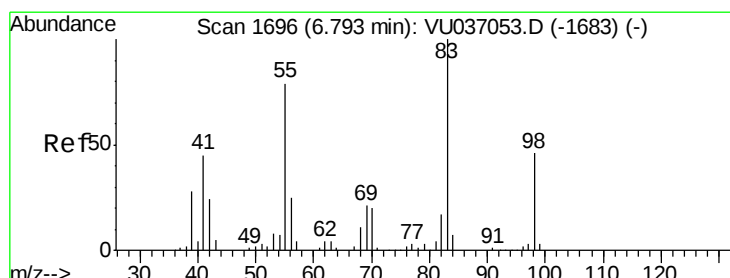
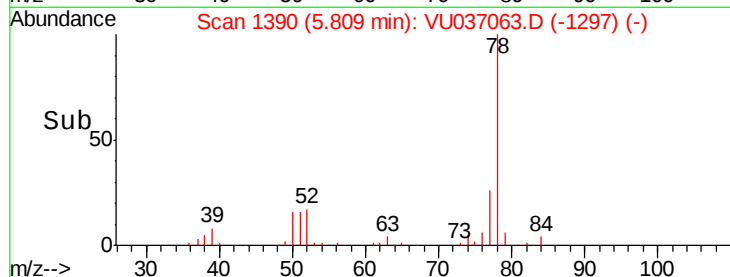
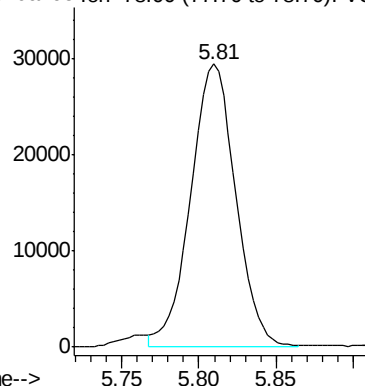
ClientSampled :

C0DG7

Tgt Ion: 78 Resp: 59640



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 8.037 ug/L

RT: 6.72 min Scan# 1674

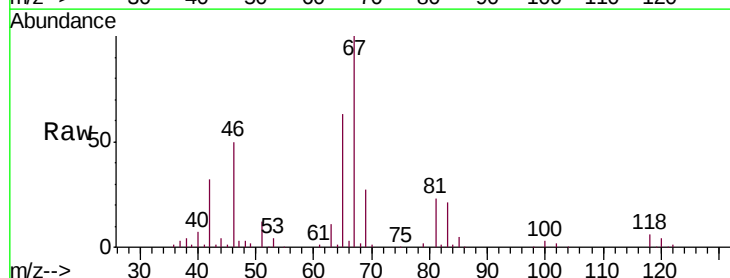
Delta R.T. -0.07 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Tgt Ion: 83 Resp: 25493

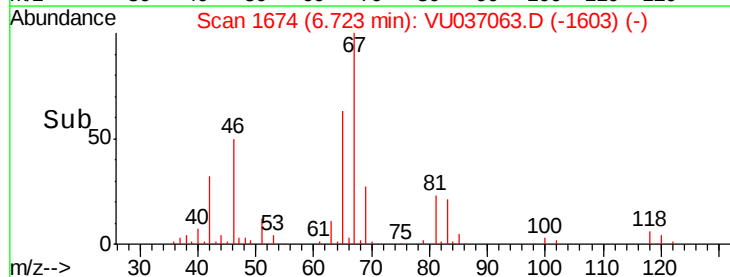
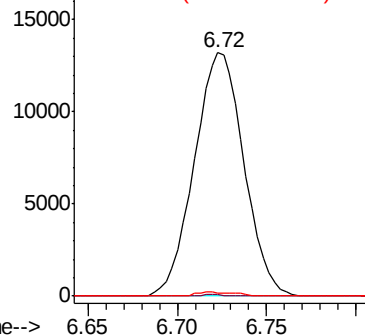
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	93.8#
98	0.8	35.1	52.7#

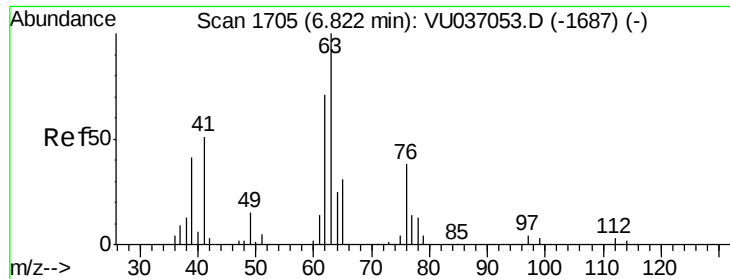


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

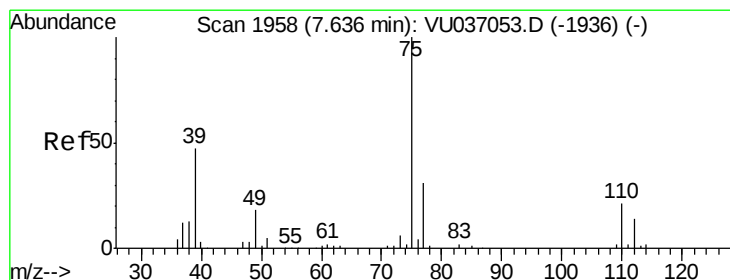
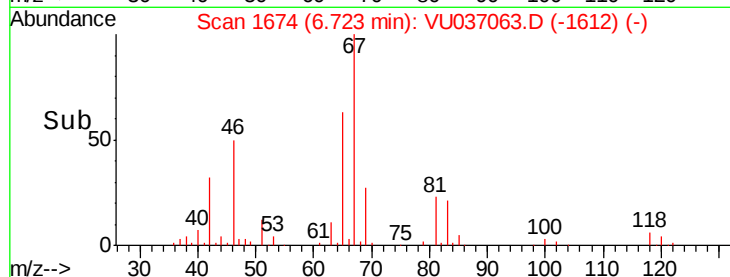
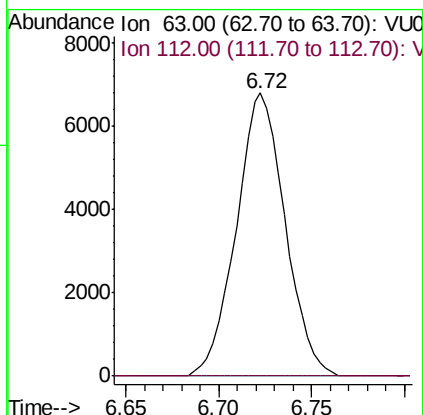
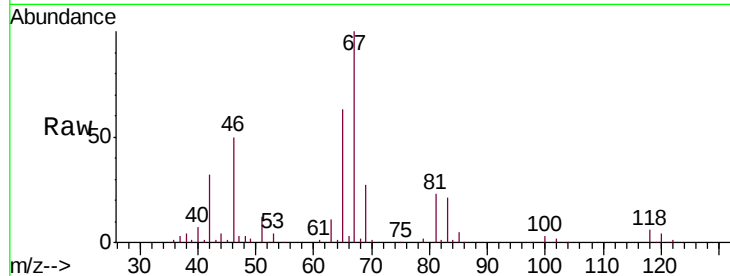




#37
 1,2-Dichloropropane
 Concen: 6.214 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037063.D
 Acq: 05 Mar 2020 01:38

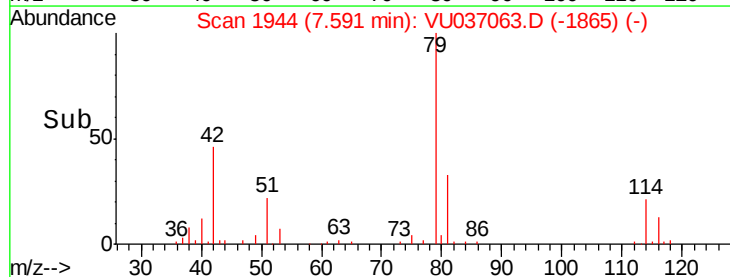
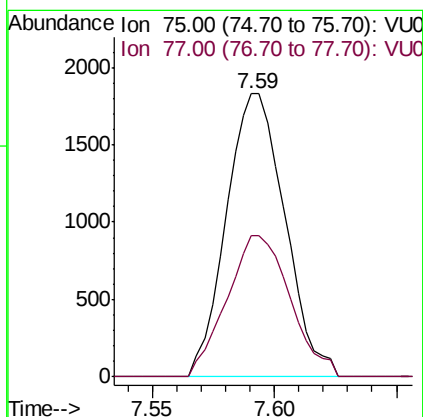
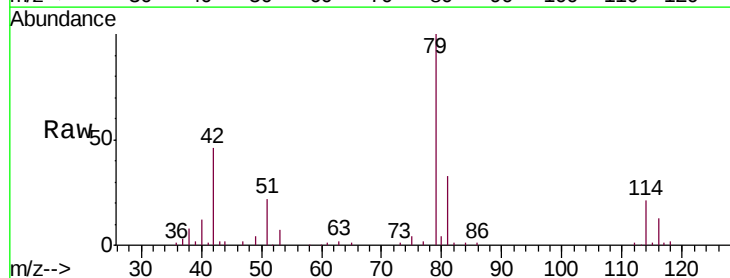
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG7

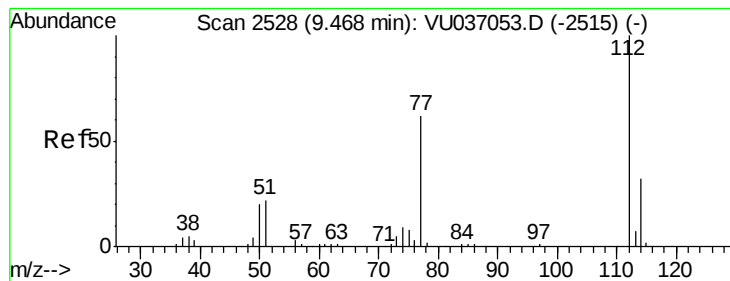
Tgt Ion: 63 Resp: 12455
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.987 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037063.D
 Acq: 05 Mar 2020 01:38

Tgt Ion: 75 Resp: 3047
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.0 41.0#





#51

Chlorobenzene

Concen: 12.890 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0DG7

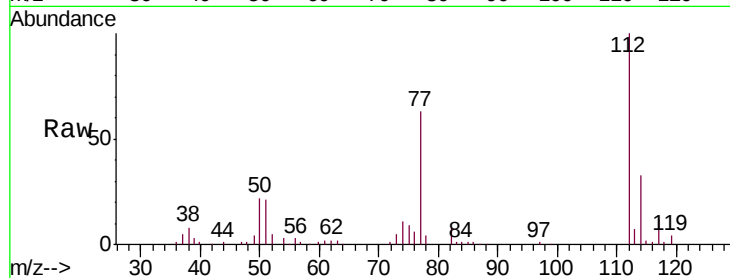
Tgt Ion: 112 Resp: 60566

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

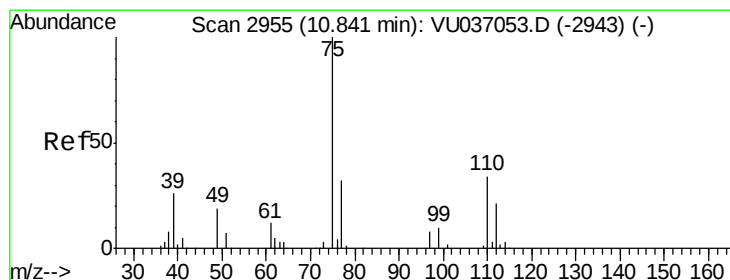
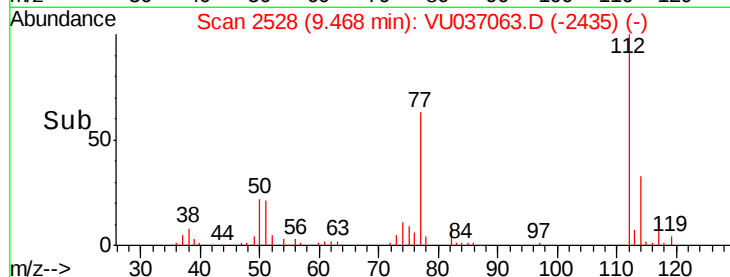
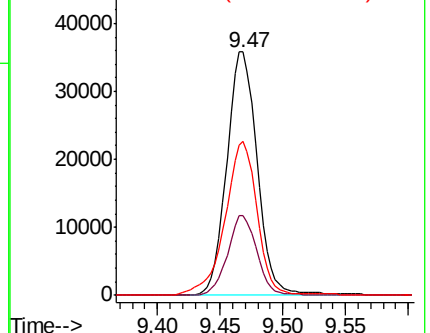
77 63.2 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.056 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037063.D

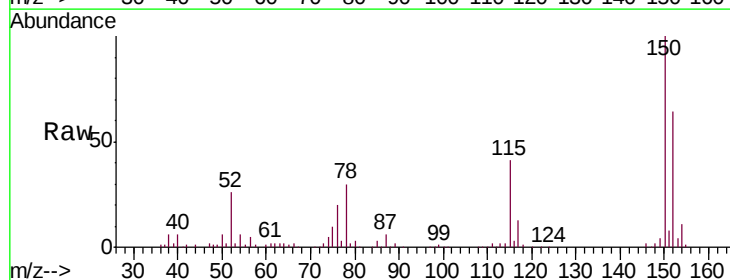
Acq: 05 Mar 2020 01:38

Tgt Ion: 75 Resp: 13037

Ion Ratio Lower Upper

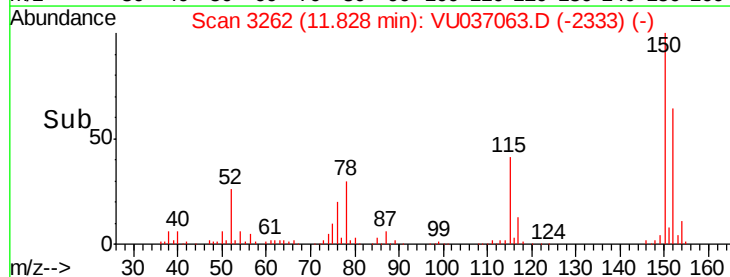
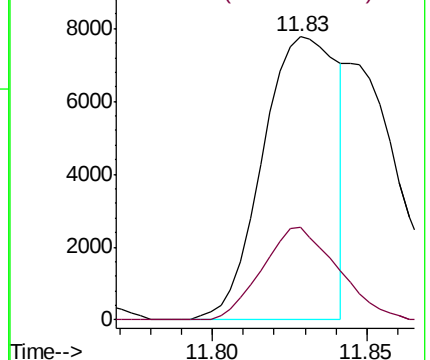
75 100

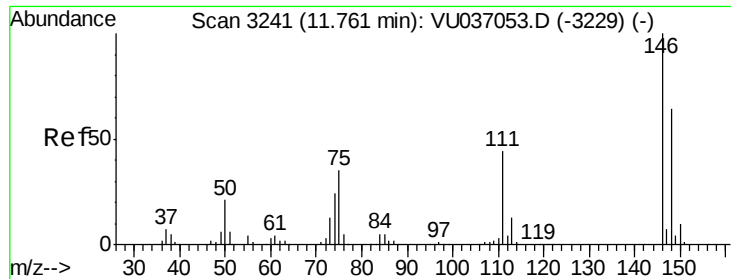
77 33.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#62

1,3-Dichlorobenzene

Concen: 0.995 ug/L

RT: 11.76 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0DG7

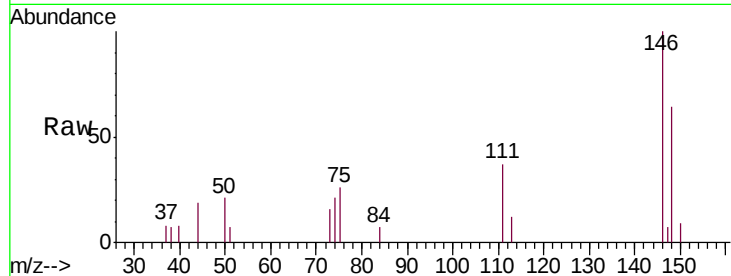
Tgt Ion:146 Resp: 2585

Ion Ratio Lower Upper

146 100

111 37.3 30.7 56.9

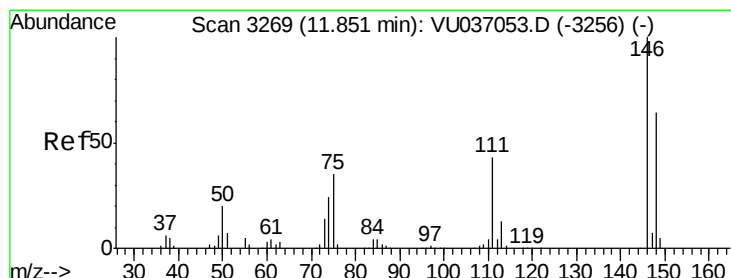
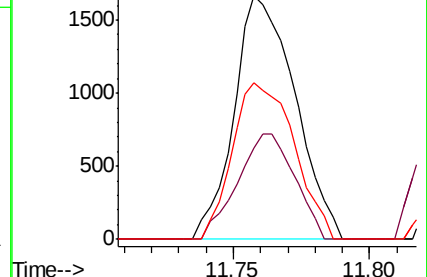
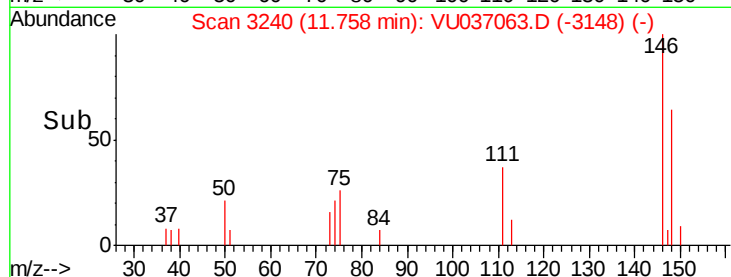
148 64.2 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 10.063 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

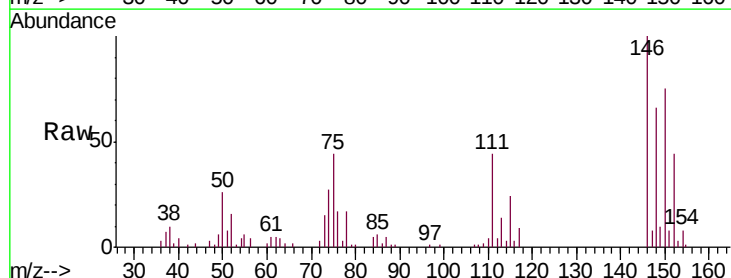
Tgt Ion:146 Resp: 25836

Ion Ratio Lower Upper

146 100

111 43.8 29.8 55.4

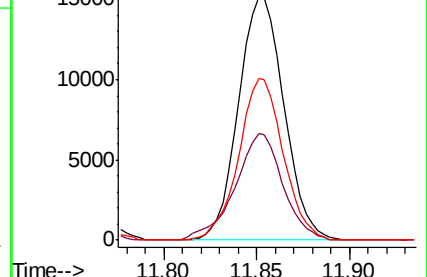
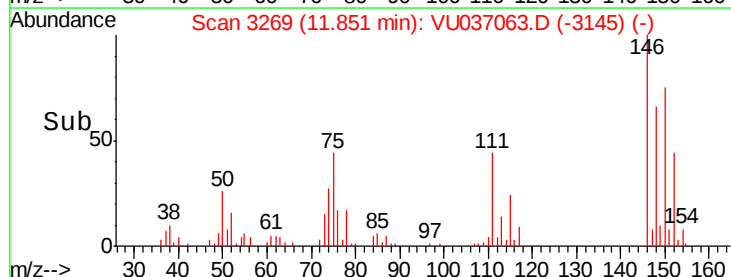
148 66.3 45.1 83.9

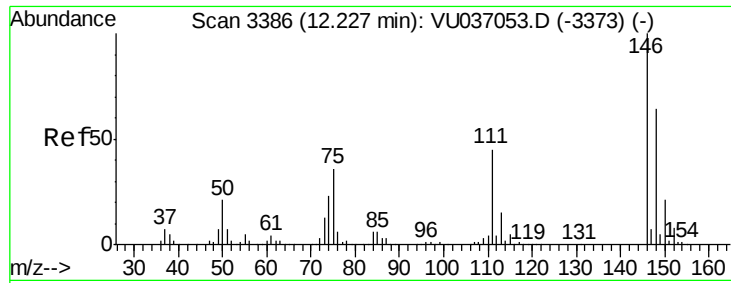


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.781 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0DG7

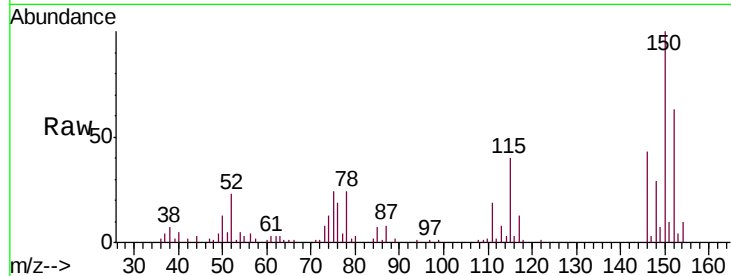
Tgt Ion:146 Resp: 14999

Ion Ratio Lower Upper

146 100

111 45.3 35.4 53.0

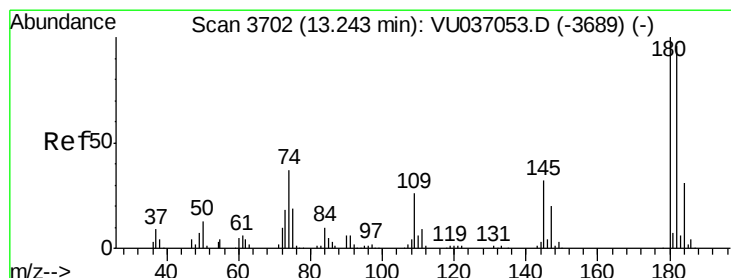
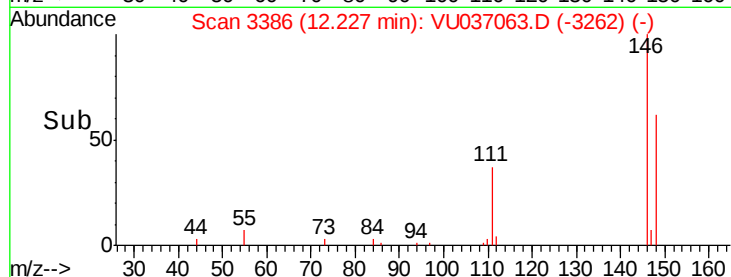
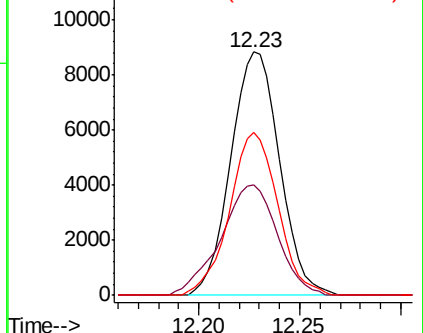
148 66.8 50.5 75.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 1.203 ug/L

RT: 13.87 min Scan# 3898

Delta R.T. 0.63 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Tgt Ion:180 Resp: 1984

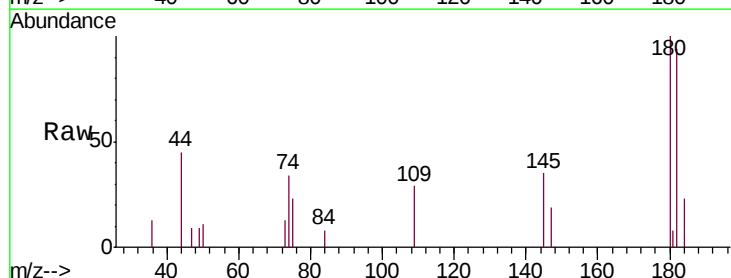
Ion Ratio Lower Upper

180 100

182 91.1 76.9 115.3

184 27.4 24.2 36.2

145 34.0 25.3 37.9

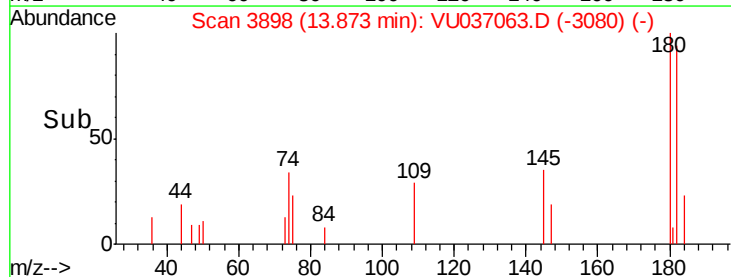
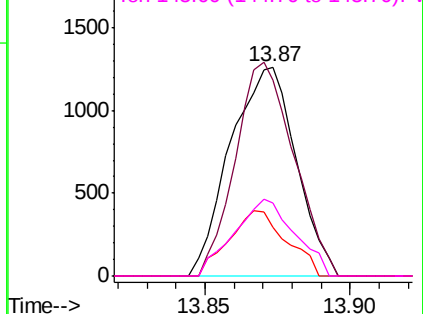


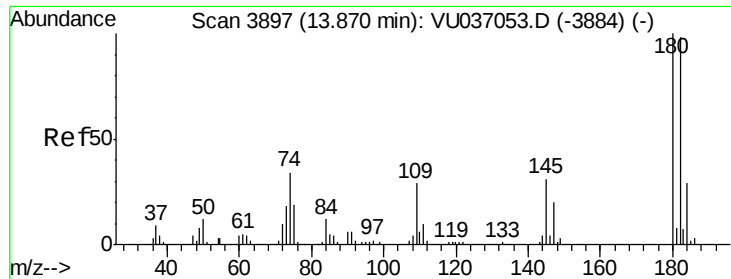
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#68

1,2,4-trichlorobenzene

Concen: 1.605 ug/L

RT: 13.87 min Scan# 3898

Delta R.T. 0.00 min

Lab File: VU037063.D

Acq: 05 Mar 2020 01:38

Instrument :

MSVOA_U

ClientSampleId :

C0DG7

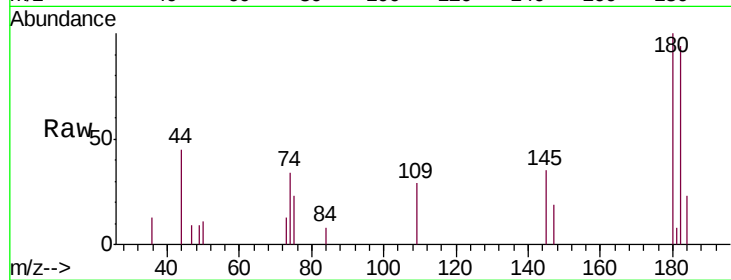
Tgt Ion:180 Resp: 1984

Ion Ratio Lower Upper

180 100

182 91.1 75.3 112.9

145 34.0 26.2 39.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

