

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040773.D
 Acq On : 17 Oct 2020 20:04
 Operator : SY/MD
 Sample : L4423-01
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF7

Quant Time: Oct 19 03:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43615	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32771	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	32508	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	54207	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	168525	61.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.64%
24) Chloroform-d	5.08	84	81046	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.72	65	51218	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.74	84	140595	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	52107	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.91	98	105200	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	19185	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	113395	53.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47017	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46163	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

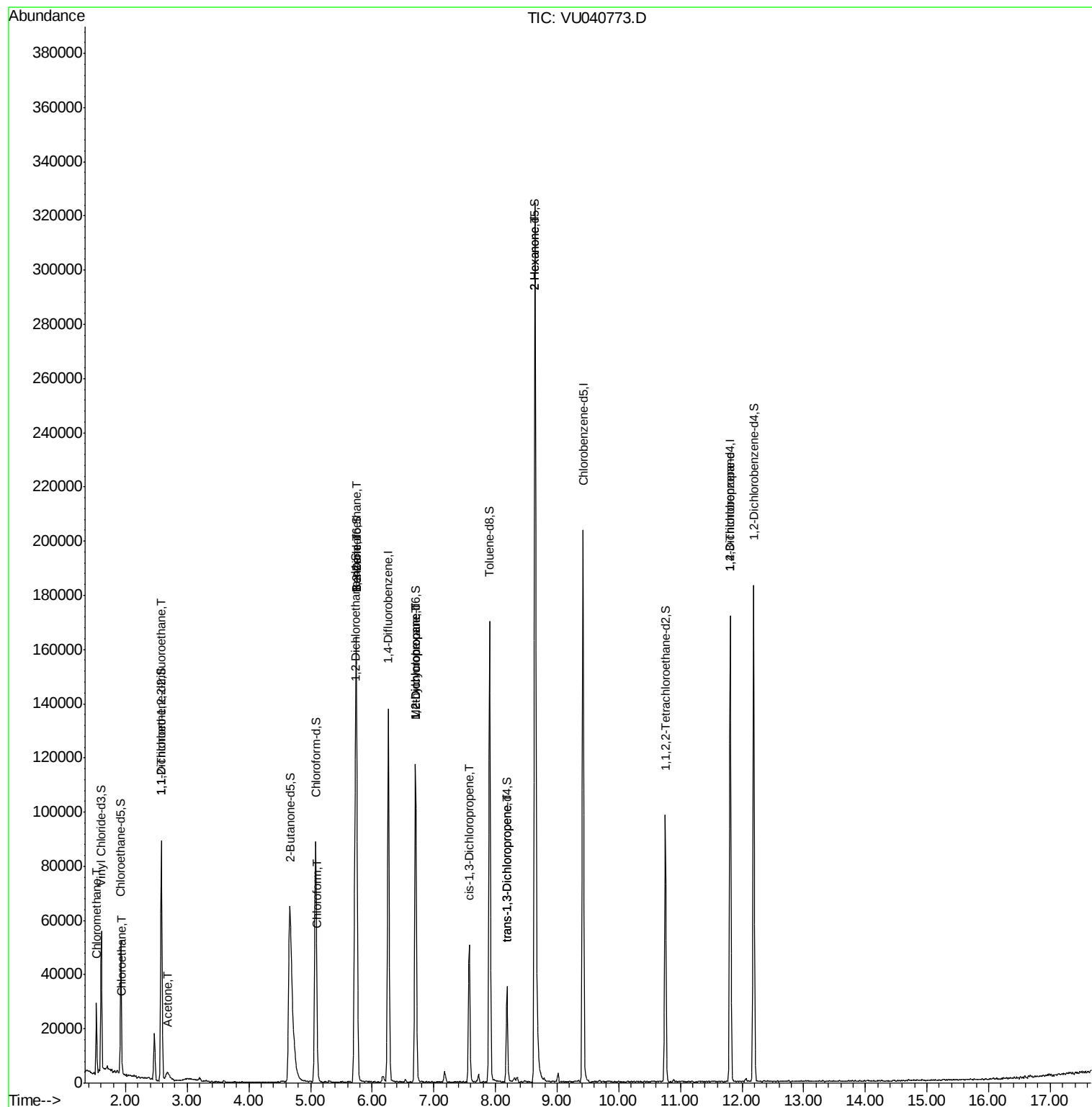
				Ovalue
3) Chloromethane	1.53	50	17416	1.999 ug/L 100
8) Chloroethane	1.95	64	778	0.133 ug/L # 69
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	413	0.048 ug/L # 20
13) Acetone	2.69	43	6034	2.856 ug/L 99
25) Chloroform	5.11	83	2580	0.159 ug/L 79
27) 1,2-Dichloroethane	5.74	62	864	0.075 ug/L # 77
33) Benzene	5.74	78	1241	0.035 ug/L 100
35) Methylcyclohexane	6.70	83	12132	0.941 ug/L # 14
37) 1,2-Dichloropropane	6.70	63	6082	0.623 ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1328	0.099 ug/L # 28
44) trans-1,3-Dichloropropene	8.19	75	836	0.068 ug/L # 53
48) 2-Hexanone	8.64	43	18241	3.146 ug/L # 69
59) 1,2,3-Trichloropropane	11.81	75	5878	0.819 ug/L 94

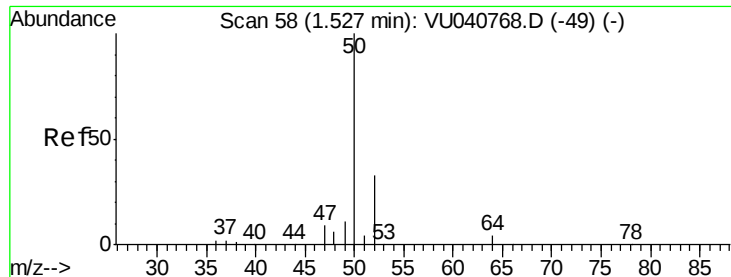
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.999 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Instrument :

MSVOA_U

ClientSampled :

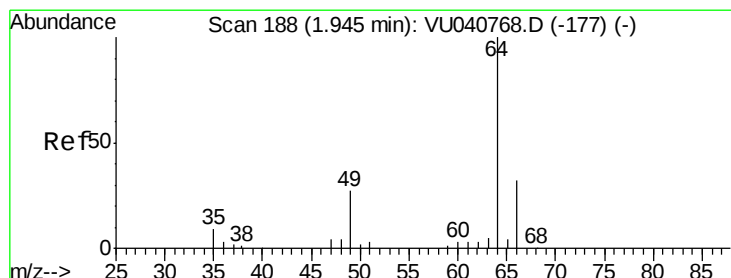
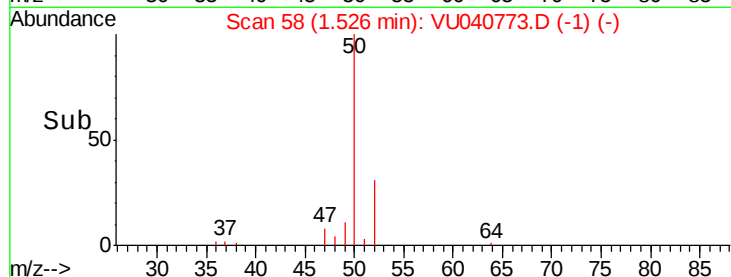
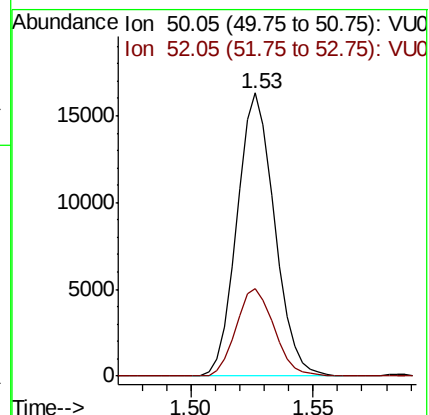
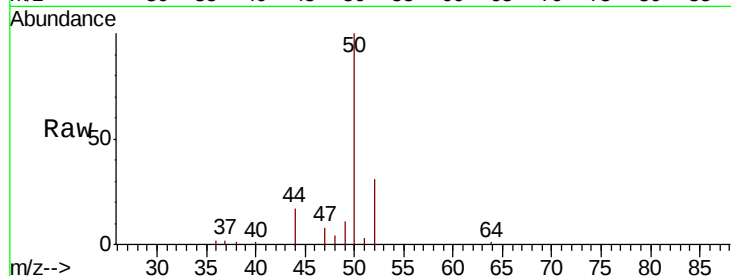
BFSF7

Tot Ion: 50 Resp: 17416

Ion Ratio Lower Upper

50 100

52 31.1 21.9 40.7



#8

Chloroethane

Concen: 0.133 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040773.D

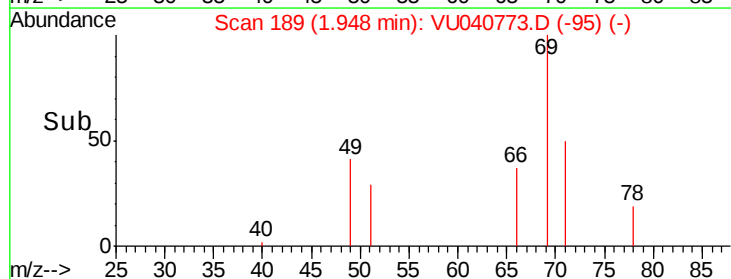
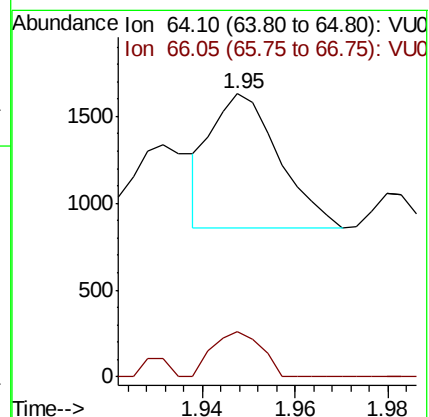
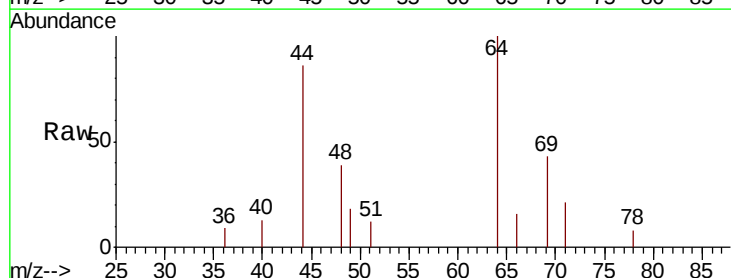
Acq: 17 Oct 2020 20:04

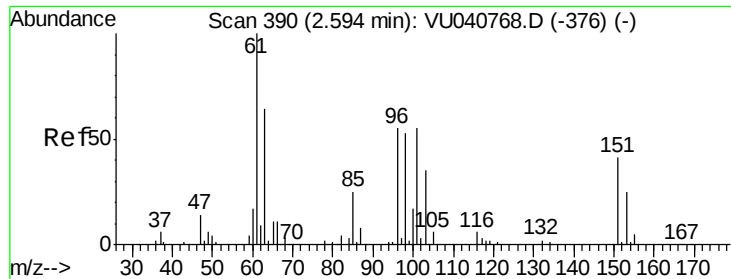
Tgt Ion: 64 Resp: 778

Ion Ratio Lower Upper

64 100

66 15.8 23.3 43.3#





#10

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

Concen: 0.048 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Instrument :

MSVOA_U

ClientSampleId :

BFSF7

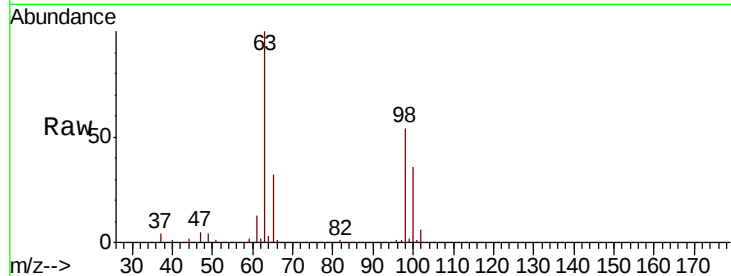
Tot Ion:101 Resp: 413

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

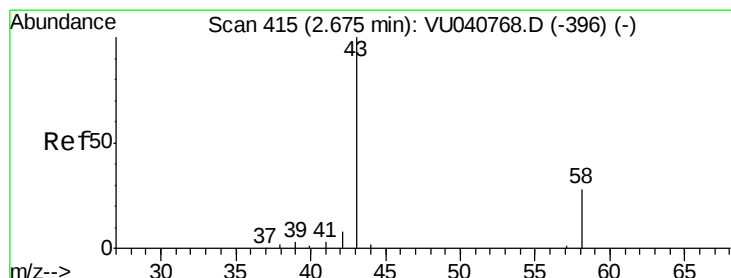
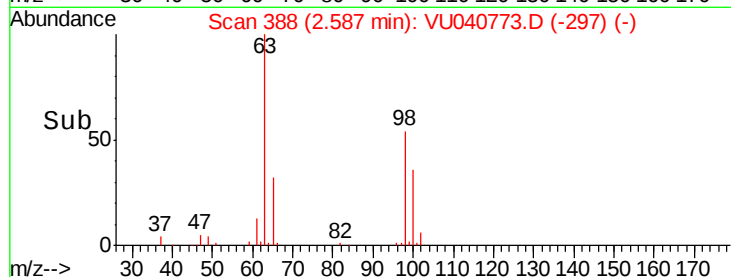
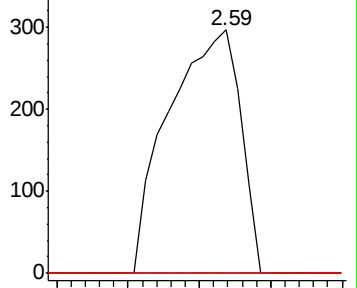
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.856 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU040773.D

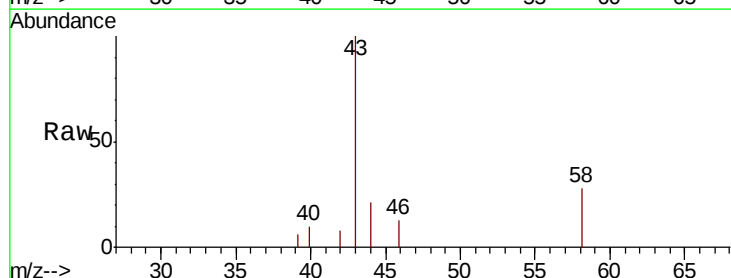
Acq: 17 Oct 2020 20:04

Tgt Ion: 43 Resp: 6034

Ion Ratio Lower Upper

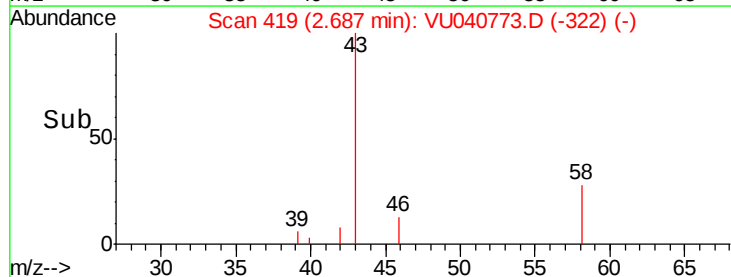
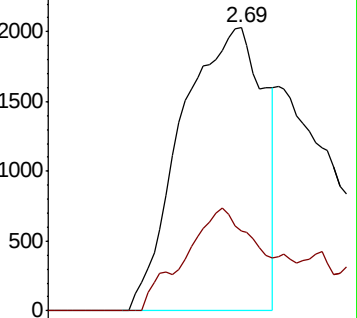
43 100

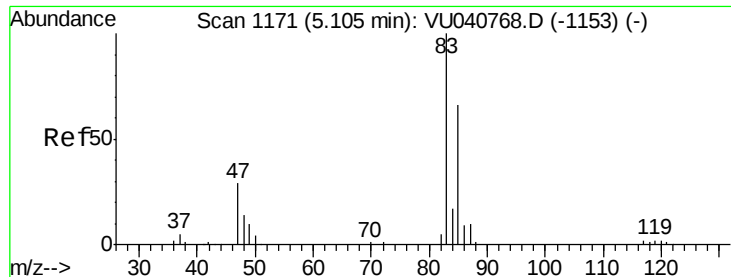
58 30.8 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

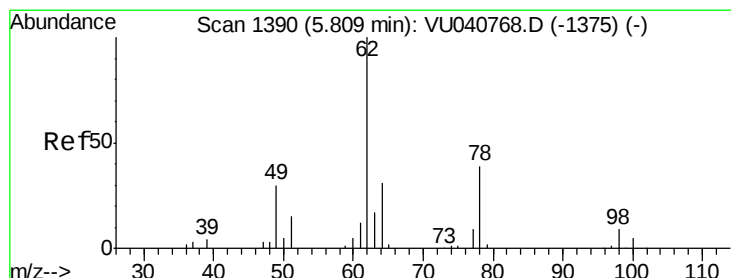
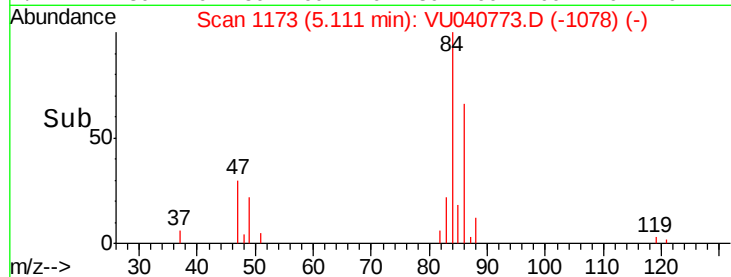
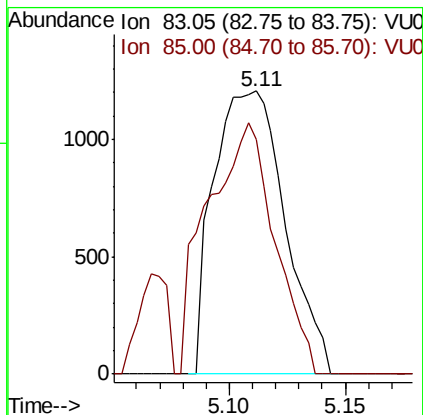
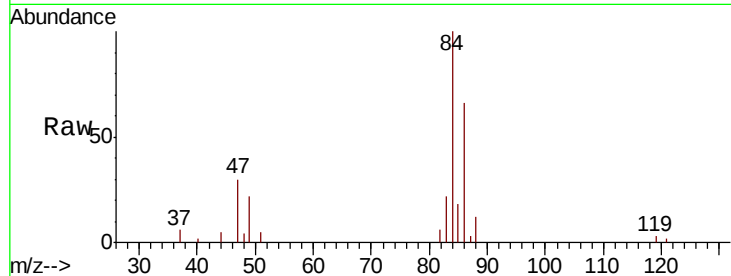




#25
Chloroform
Concen: 0.159 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

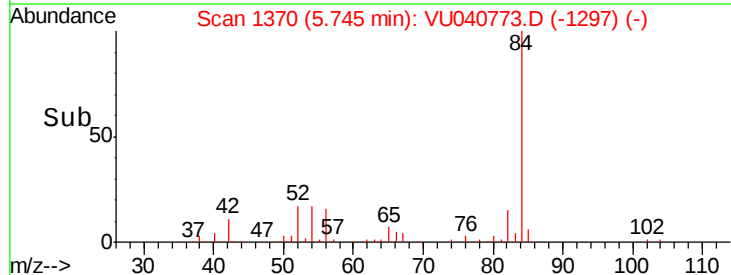
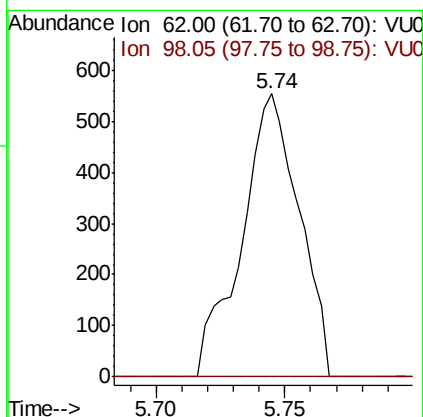
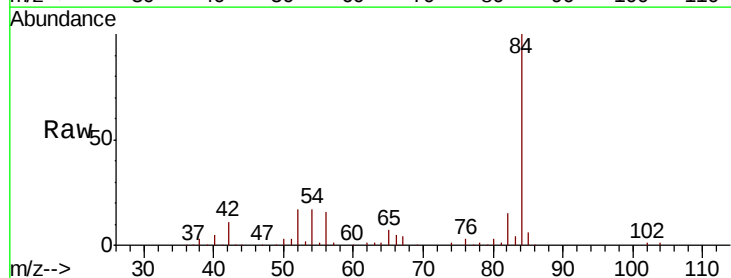
Instrument :
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BFSF7

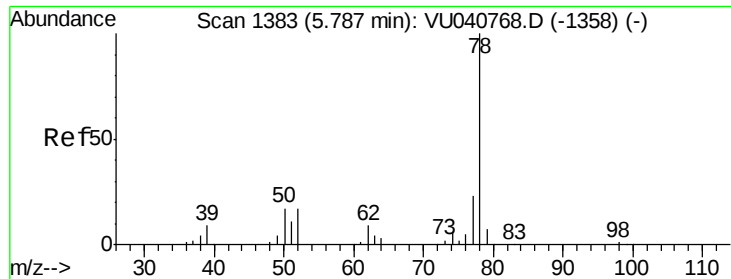
Tot Ion: 83 Resp: 2580
Ion Ratio Lower Upper
83 100
85 83.1 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 62 Resp: 864
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#33

Benzene

Concen: 0.035 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

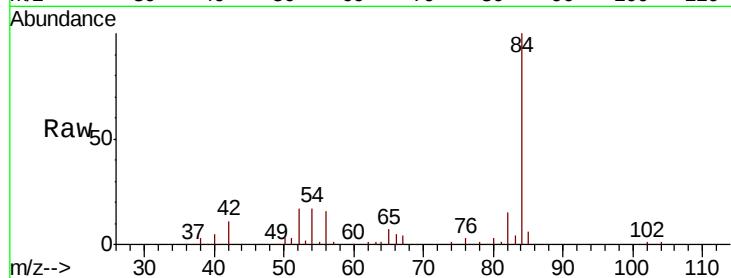
Instrument :

MSVOA_U

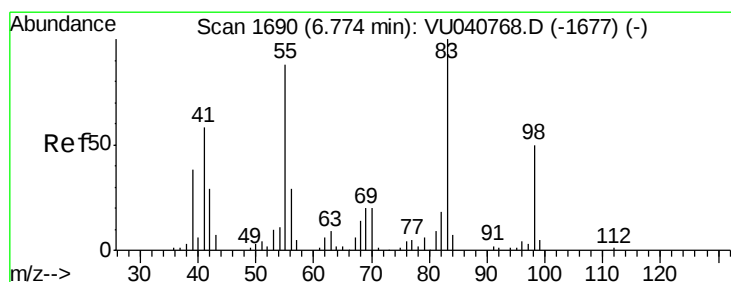
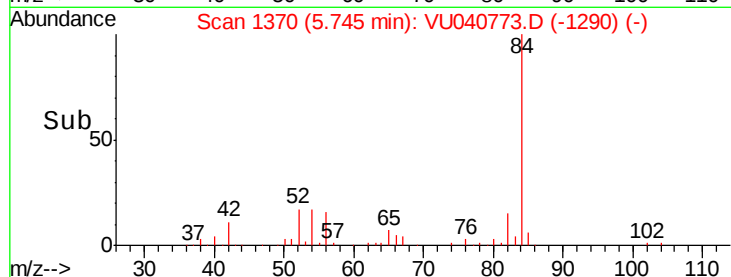
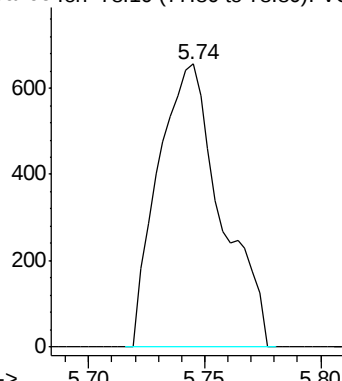
ClientSampleId :

BFSF7

Tgt Ion: 78 Resp: 1241



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.941 ug/L

RT: 6.70 min Scan# 1668

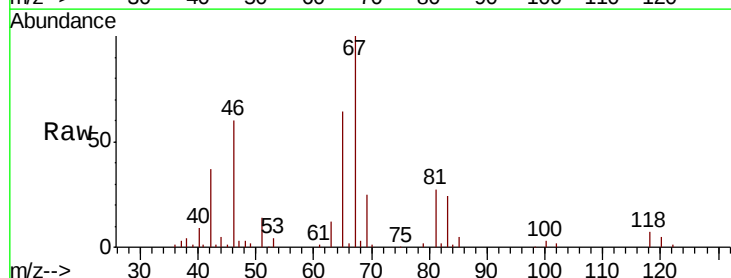
Delta R.T. -0.07 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Tgt Ion: 83 Resp: 12132

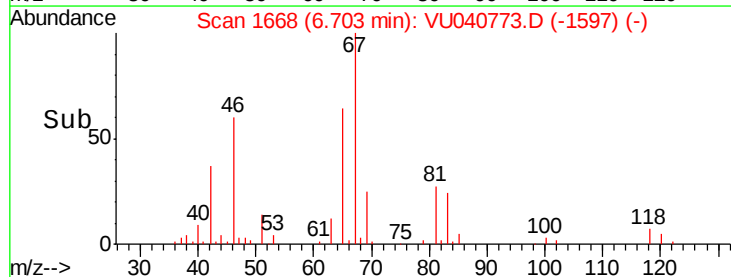
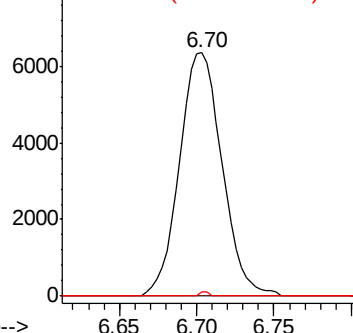
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.3	38.4	57.6#

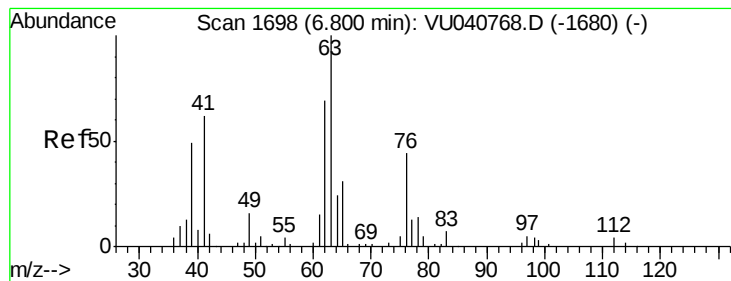


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Instrument :

MSVOA_U

ClientSampled :

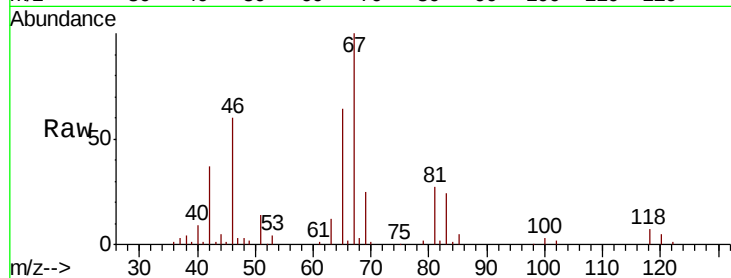
BFSF7

Tot Ion: 63 Resp: 6082

Ion Ratio Lower Upper

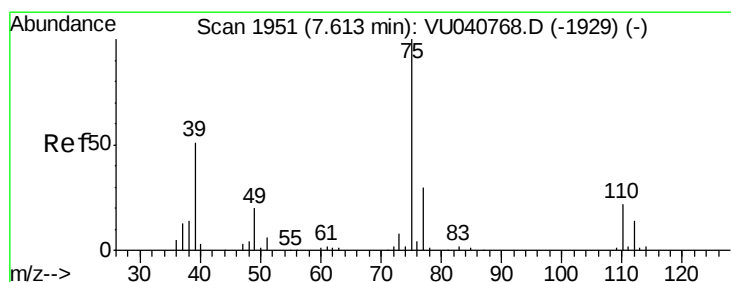
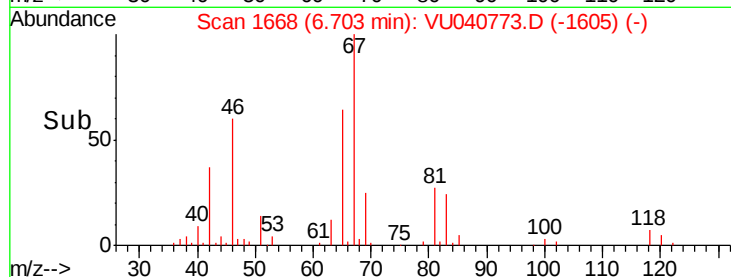
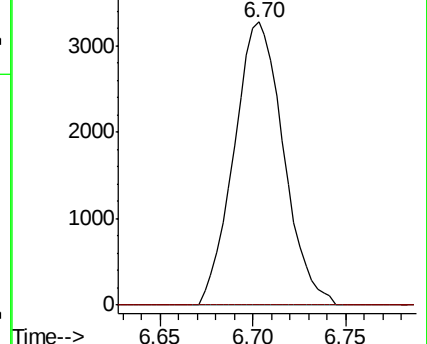
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU040768.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU040768.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.57 min Scan# 1937

Delta R.T. -0.05 min

Lab File: VU040773.D

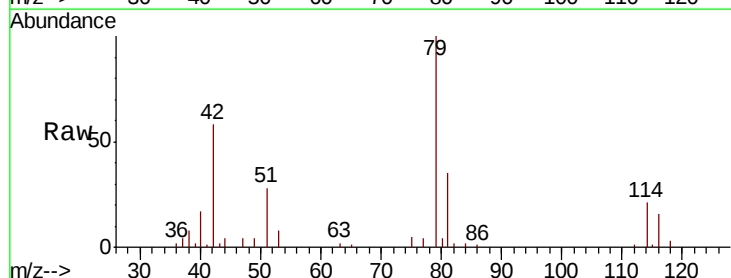
Acq: 17 Oct 2020 20:04

Tgt Ion: 75 Resp: 1328

Ion Ratio Lower Upper

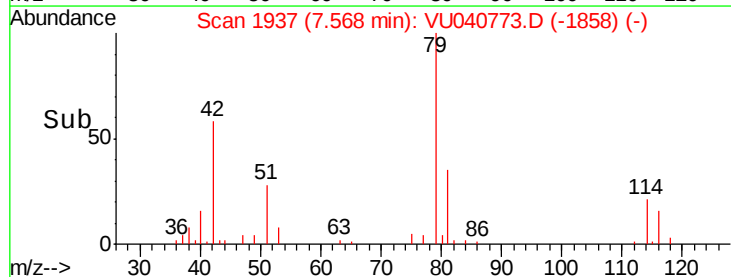
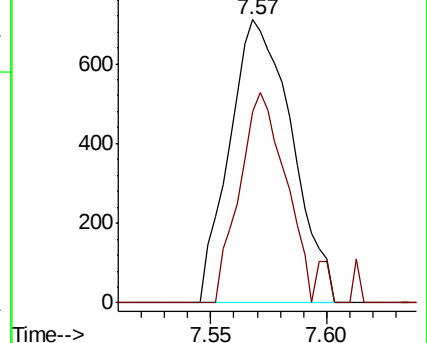
75 100

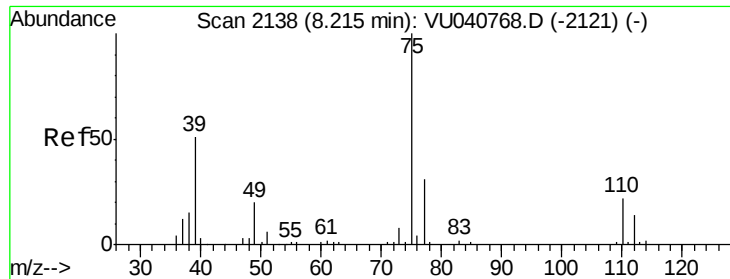
77 67.7 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU040768.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU040768.D (-1929) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Instrument :

MSVOA_U

ClientSampled :

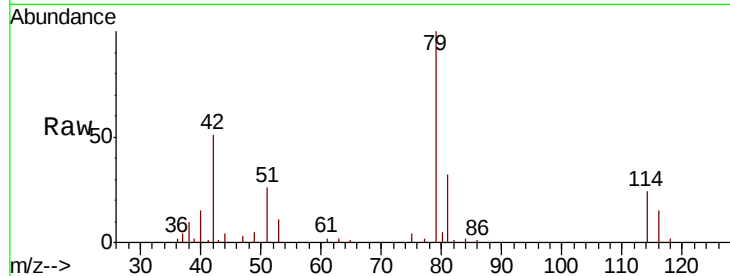
BFSF7

Tot Ion: 75 Resp: 836

Ion Ratio Lower Upper

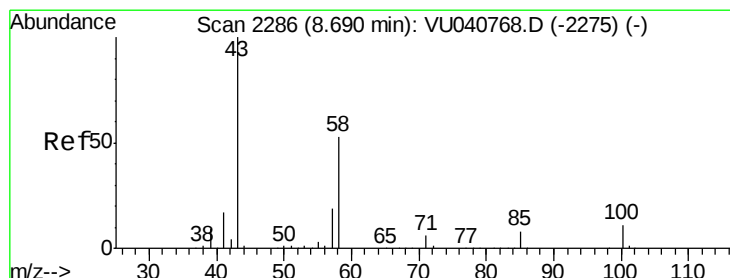
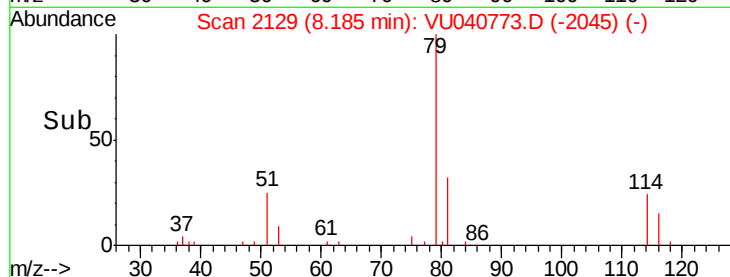
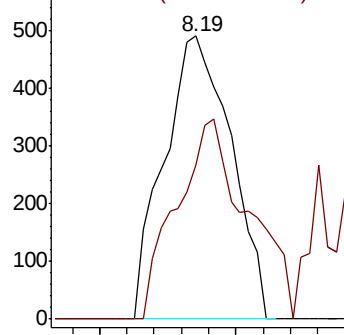
75 100

77 54.2 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 3.146 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Tgt Ion: 43 Resp: 18241

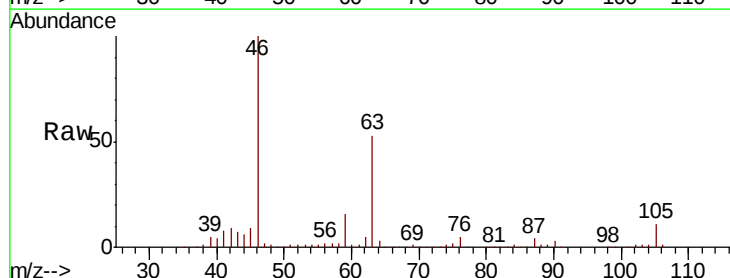
Ion Ratio Lower Upper

43 100

58 29.4 41.0 61.6#

57 32.4 14.4 21.6#

100 0.4 8.6 13.0#

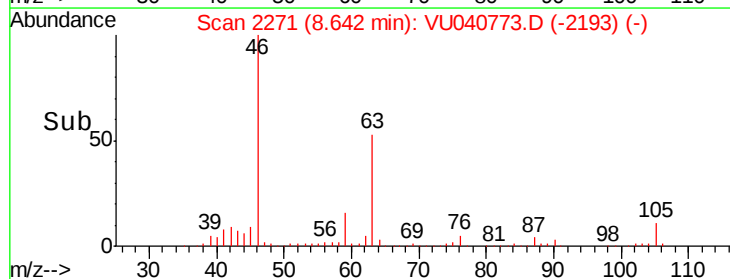
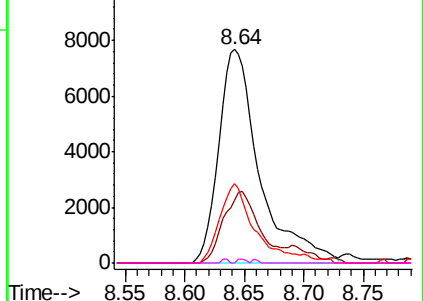


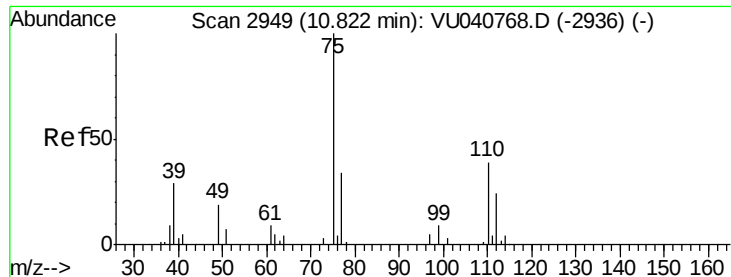
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.819 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040773.D

Acq: 17 Oct 2020 20:04

Instrument :

MSVOA_U

ClientSampleId :

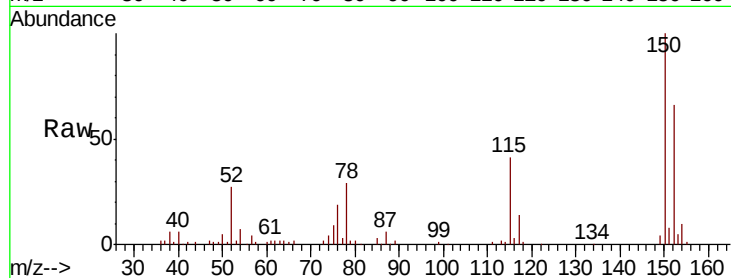
BFSF7

Tot Ion: 75 Resp: 5878

Ion Ratio Lower Upper

75 100

77 36.6 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

