

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040421.D
 Acq On : 01 Oct 2020 13:50
 Operator : SY/MD
 Sample : L4202-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB7

Quant Time: Oct 02 03:21:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63947	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27225	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.92	69	29022	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	47928	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.65	46	182096	51.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	5.08	84	77135	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	48990	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.75	84	134283	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	50444	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	103914	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	18934	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	128774	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50124	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50032	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

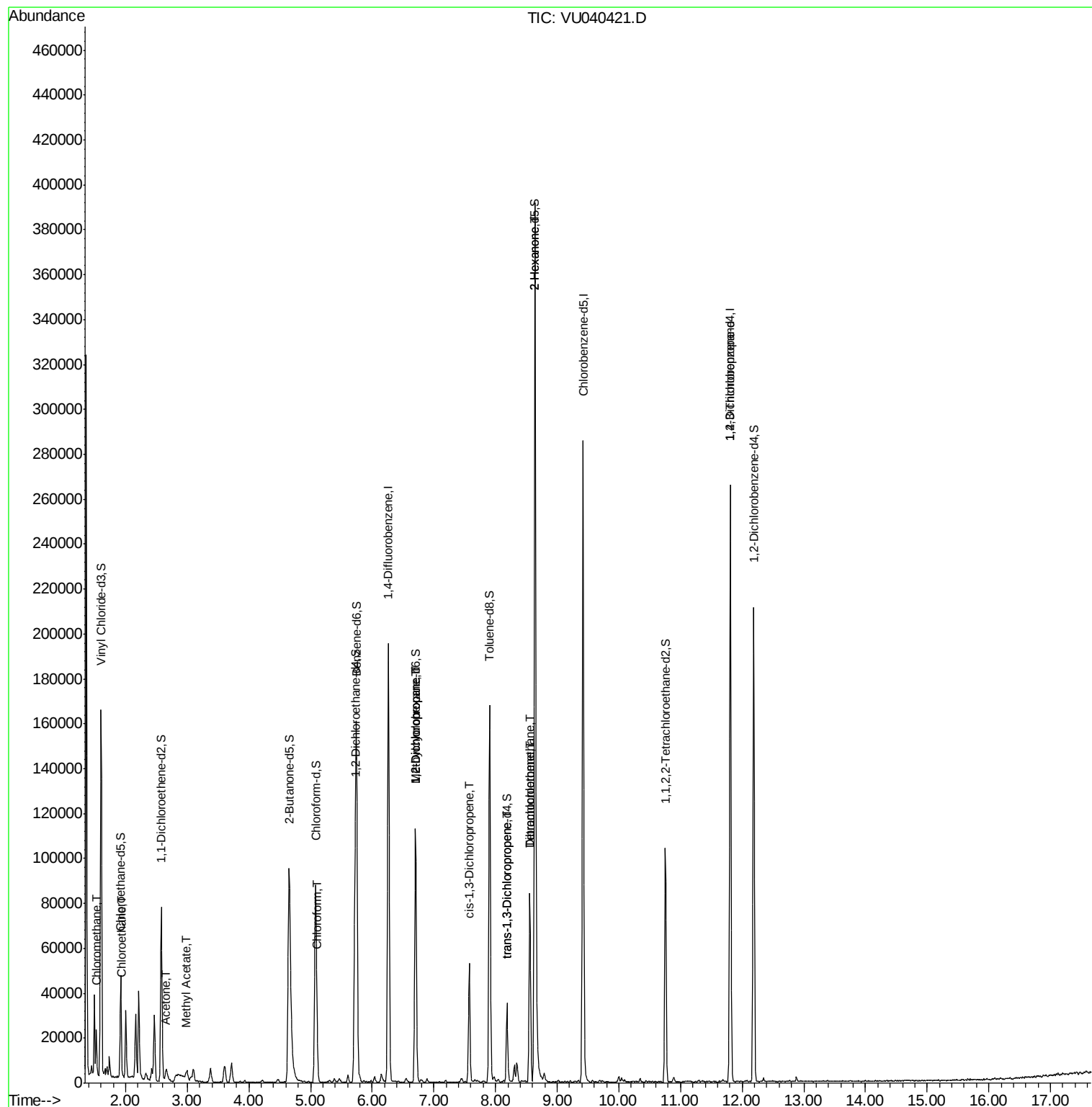
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	13288	0.943	ug/L	93
8) Chloroethane	1.94	64	657	0.080	ug/L	88
13) Acetone	2.66	43	9838	3.351	ug/L	88
15) Methyl Acetate	2.97	43	1407	0.199	ug/L #	56
25) Chloroform	5.11	83	4114	0.174	ug/L	97
35) Methylcyclohexane	6.70	83	11724	0.612	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5983	0.437	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1529	0.083	ug/L	82
44) trans-1,3-Dichloropropene	8.18	75	1018	0.060	ug/L	84
47) Tetrachloroethene	8.56	164	17246	1.859	ug/L	97
48) 2-Hexanone	8.64	43	17554	2.219	ug/L #	72
49) Dibromochloromethane	8.56	129	17599	1.575	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	9026	0.909	ug/L	91

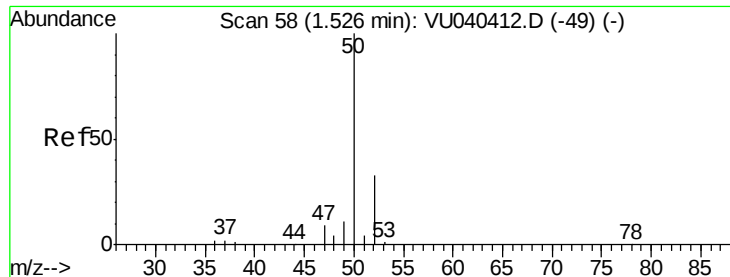
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.943 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040421.D

Acq: 01 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

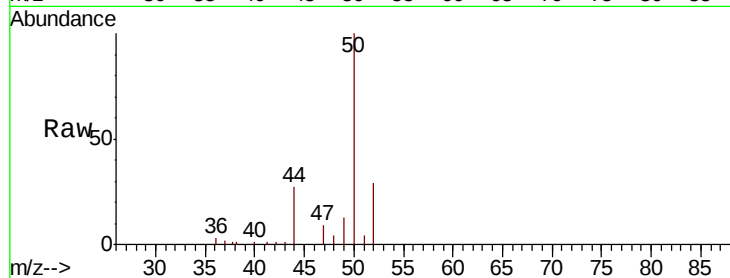
BFSB7

Tot Ion: 50 Resp: 13288

Ion Ratio Lower Upper

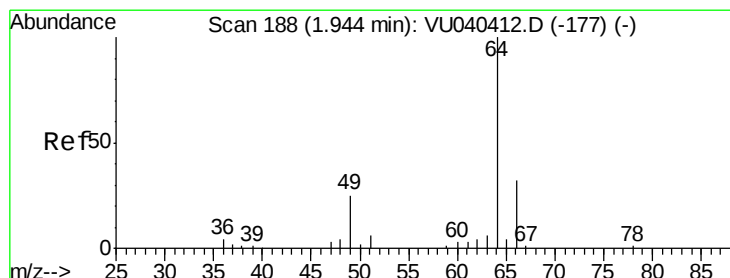
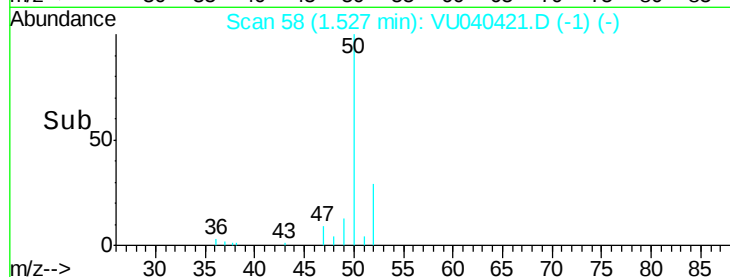
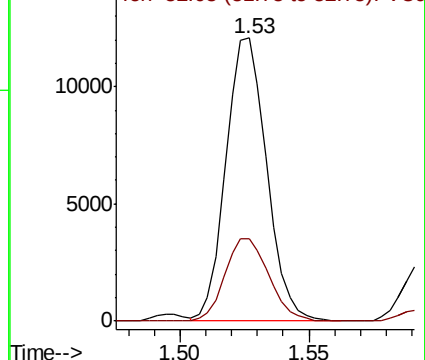
50 100

52 29.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.080 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040421.D

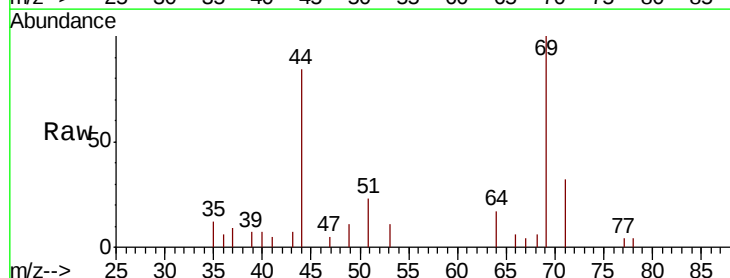
Acq: 01 Oct 2020 13:50

Tgt Ion: 64 Resp: 657

Ion Ratio Lower Upper

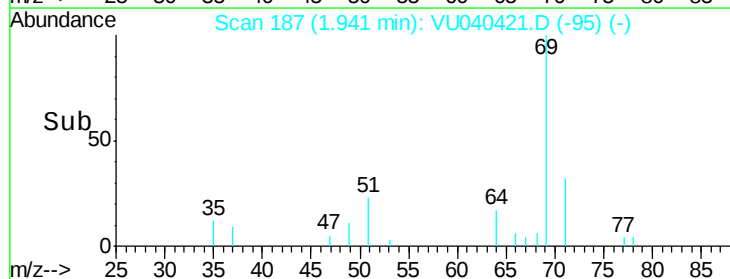
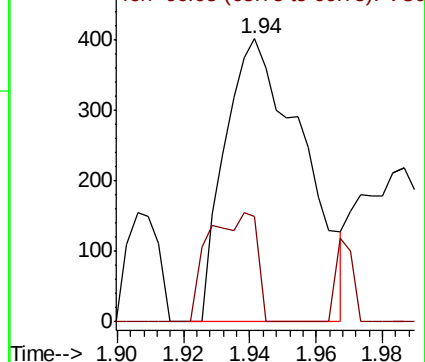
64 100

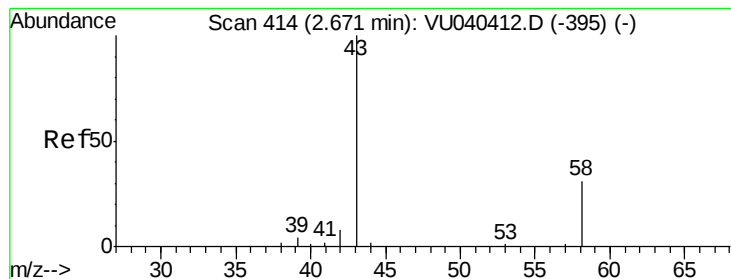
66 37.3 21.3 39.6



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 3.351 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040421.D

Acq: 01 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

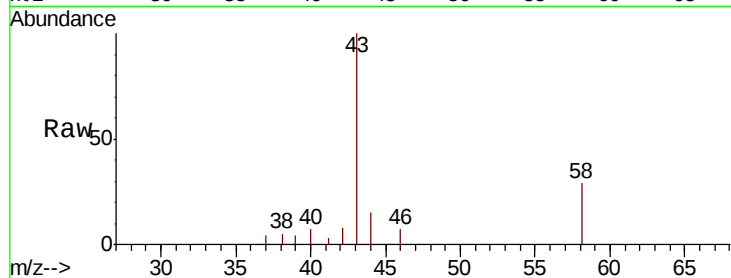
BFSB7

Tot Ion: 43 Resp: 9838

Ion Ratio Lower Upper

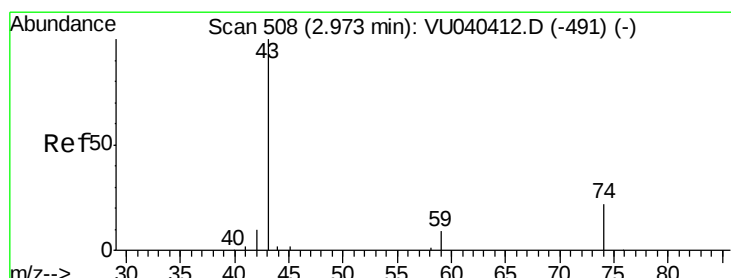
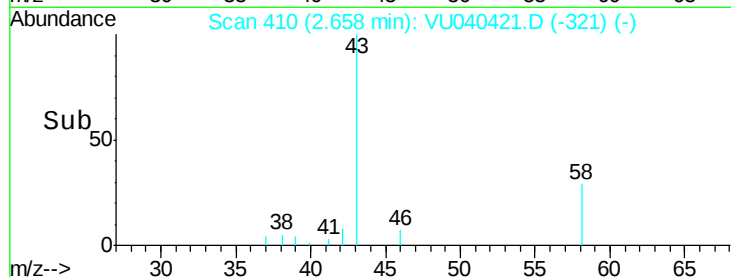
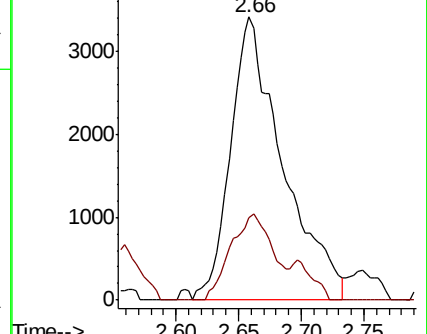
43 100

58 24.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040421.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040421.D (-395) (-)



#15

Methyl Acetate

Concen: 0.199 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040421.D

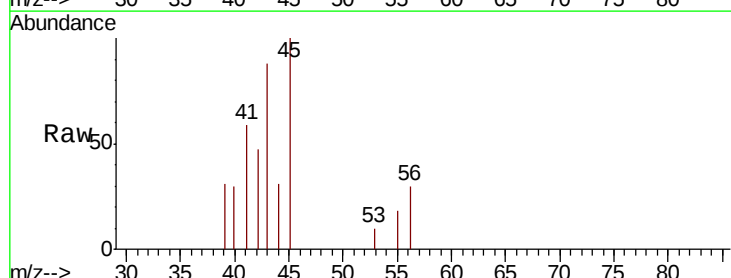
Acq: 01 Oct 2020 13:50

Tgt Ion: 43 Resp: 1407

Ion Ratio Lower Upper

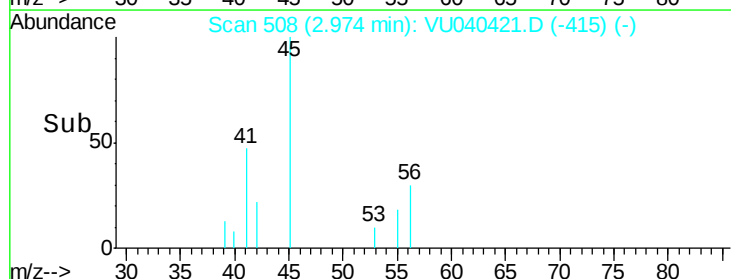
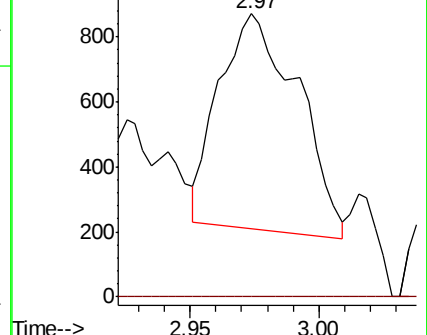
43 100

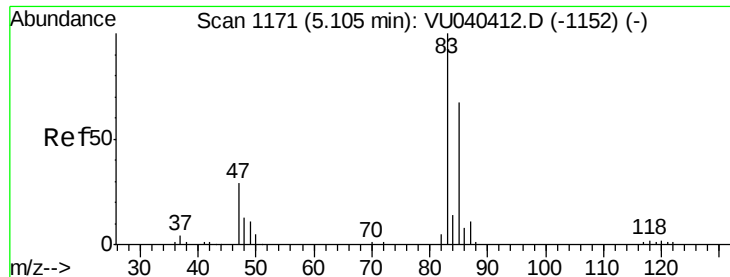
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU040421.D (-491) (-)

Ion 74.05 (73.75 to 74.75): VU040421.D (-491) (-)

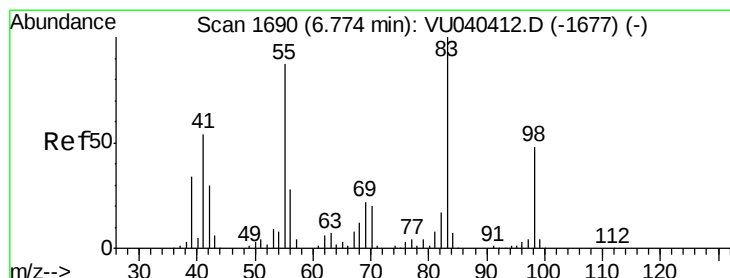
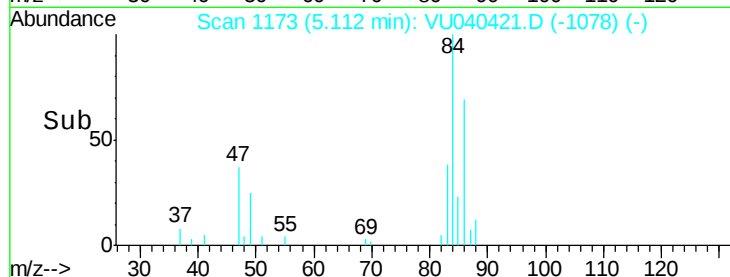
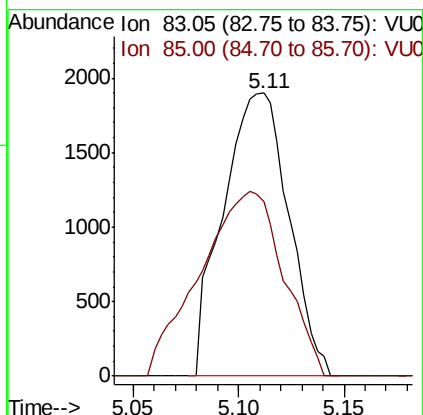
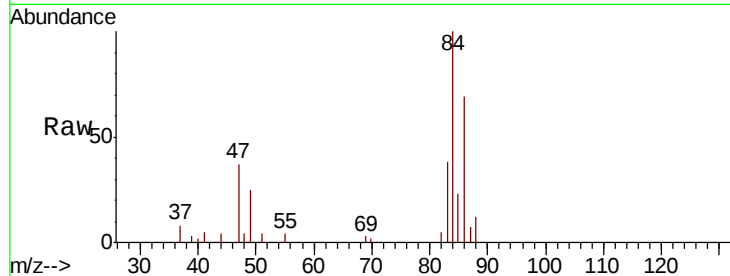




#25
Chloroform
Concen: 0.174 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040421.D
Acq: 01 Oct 2020 13:50

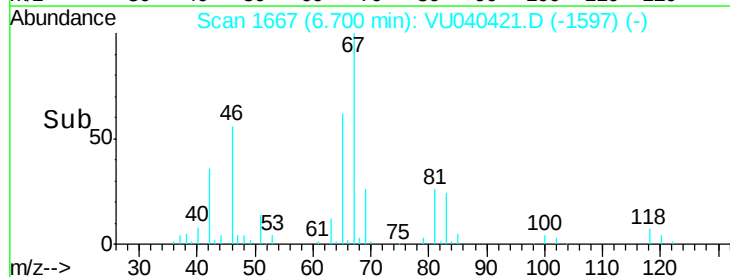
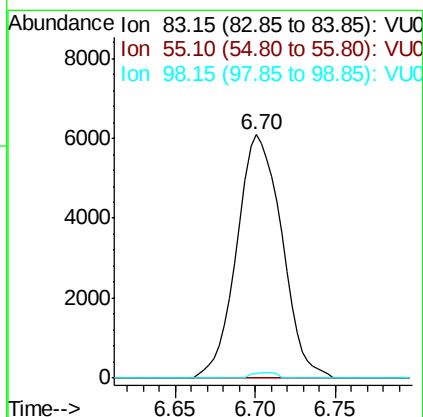
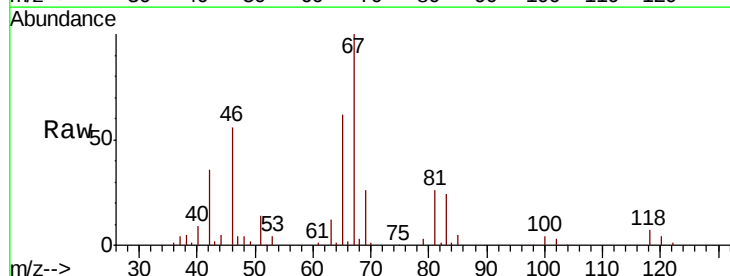
Instrument :
MSVOA_U
ClientSampleId :
BFSB7

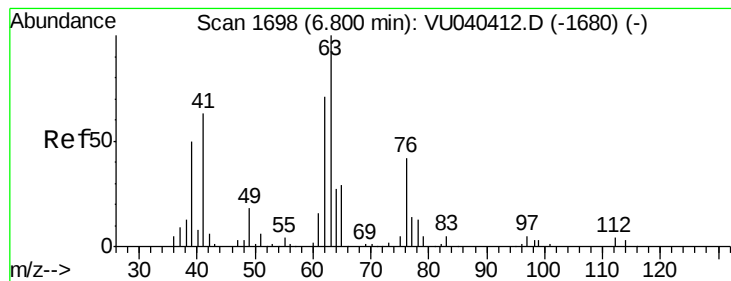
Tot Ion: 83 Resp: 4114
Ion Ratio Lower Upper
83 100
85 61.7 44.6 82.8



#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040421.D
Acq: 01 Oct 2020 13:50

Tgt Ion: 83 Resp: 11724
Ion Ratio Lower Upper
83 100
55 0.6 71.4 107.2#
98 1.2 38.5 57.7#





#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040421.D

Acq: 01 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

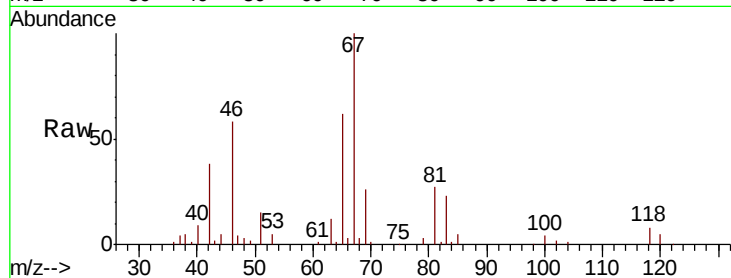
BFSB7

Tot Ion: 63 Resp: 5983

Ion Ratio Lower Upper

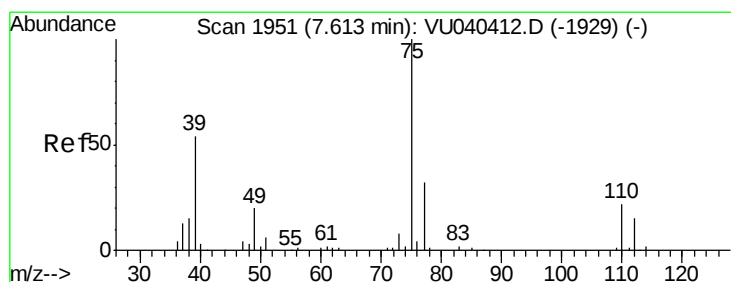
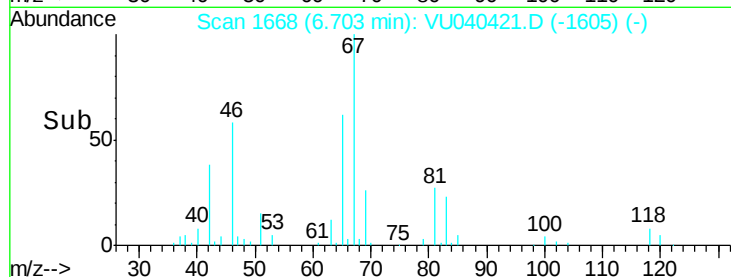
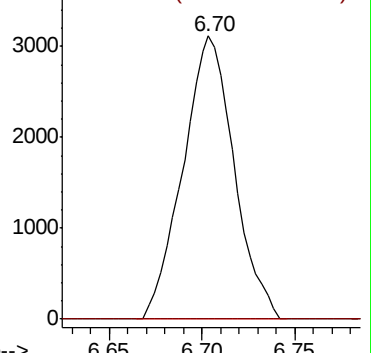
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040421.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040421.D (-1668) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040421.D

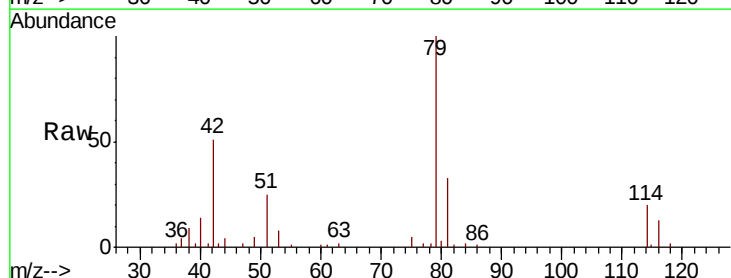
Acq: 01 Oct 2020 13:50

Tgt Ion: 75 Resp: 1529

Ion Ratio Lower Upper

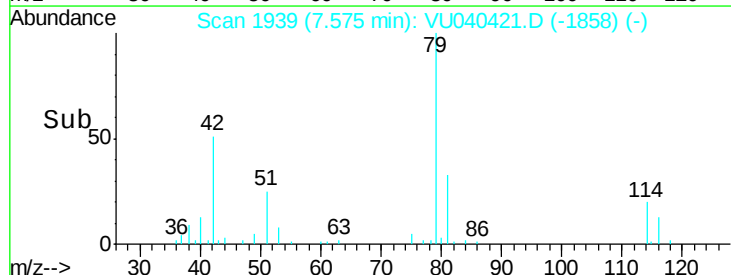
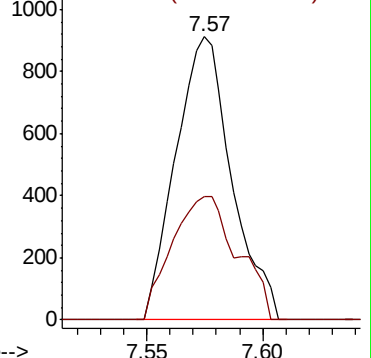
75 100

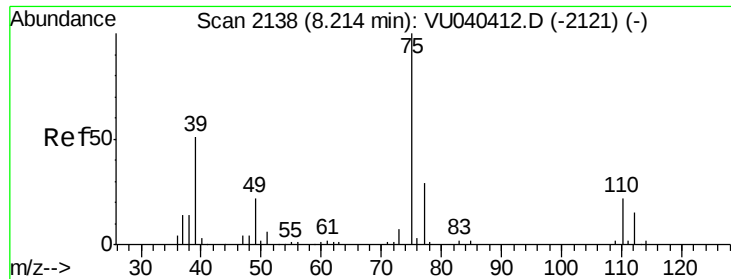
77 43.6 23.5 43.7



Abundance Ion 75.05 (74.75 to 75.75): VU040421.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU040421.D (-1858) (-)

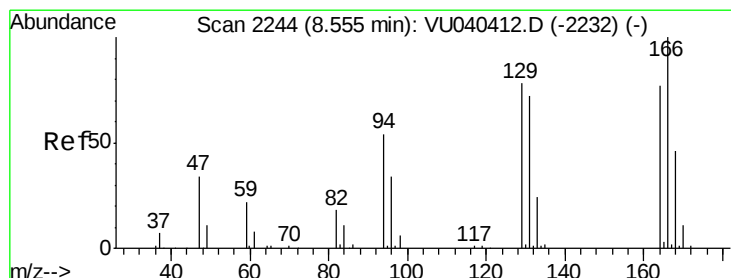
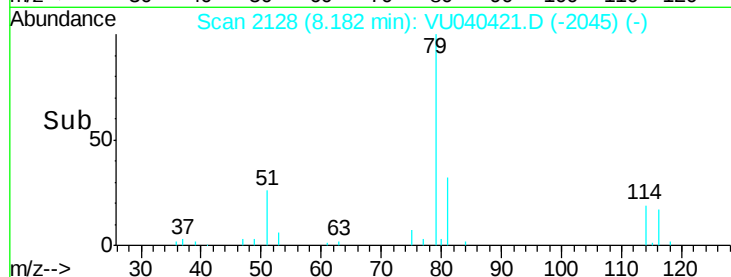
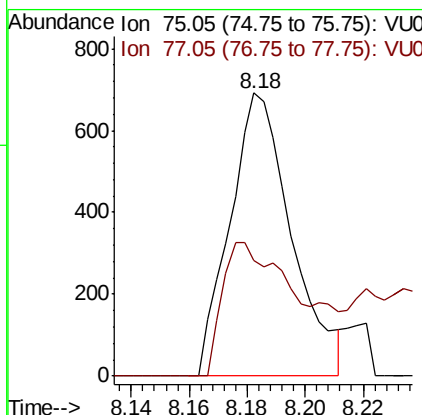
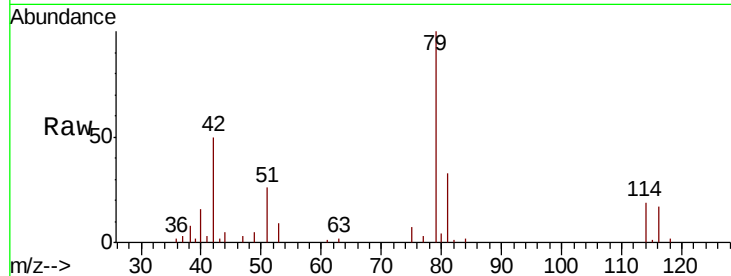




#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040421.D
Acq: 01 Oct 2020 13:50

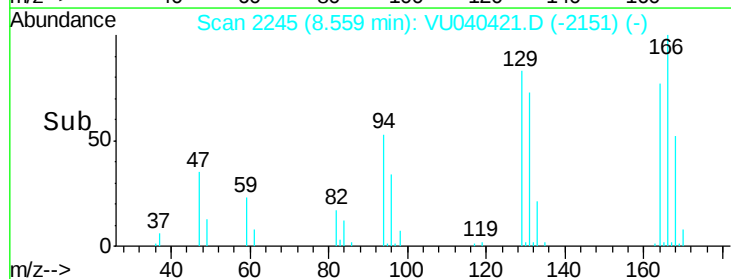
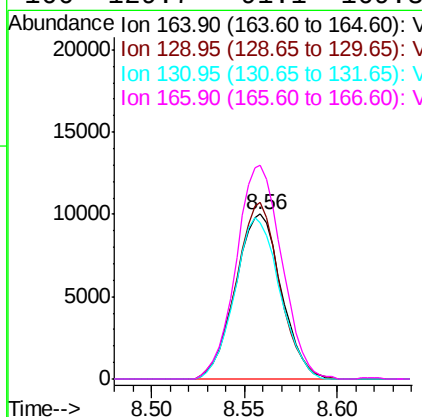
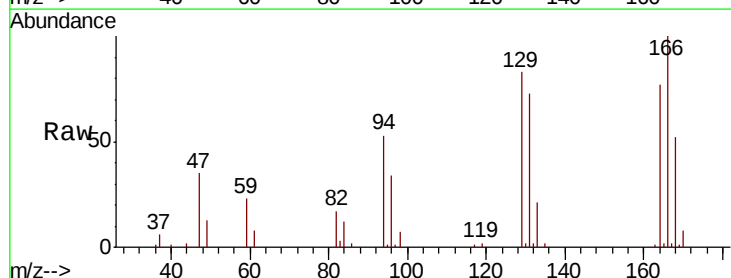
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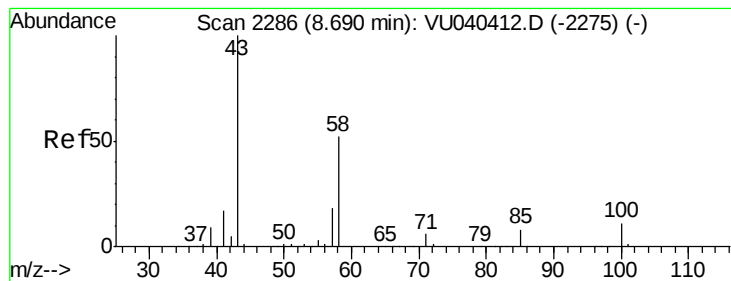
Tot Ion: 75 Resp: 1018
Ion Ratio Lower Upper
75 100
77 40.8 22.3 41.3



#47
Tetrachloroethene
Concen: 1.859 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040421.D
Acq: 01 Oct 2020 13:50

Tgt Ion:164 Resp: 17246
Ion Ratio Lower Upper
164 100
129 107.2 70.3 130.7
131 95.2 69.2 128.6
166 129.7 91.1 169.3





#48

2-Hexanone

Concen: 2.219 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040421.D

Acq: 01 Oct 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

BFSB7

Tot Ion: 43 Resp: 17554

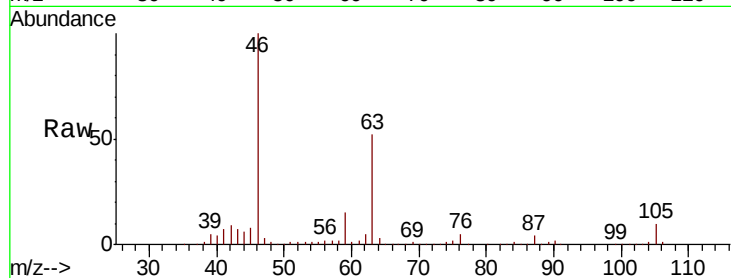
Ion Ratio Lower Upper

43 100

58 29.6 41.0 61.4#

57 29.1 14.6 22.0#

100 1.4 8.2 12.4#

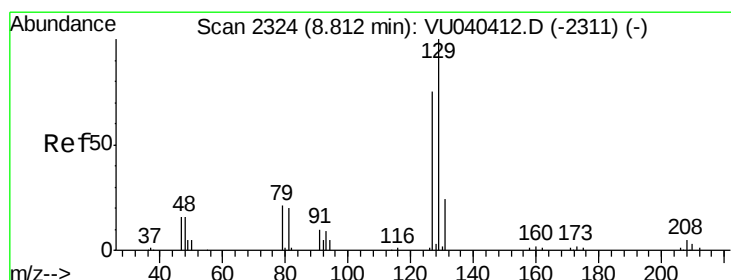
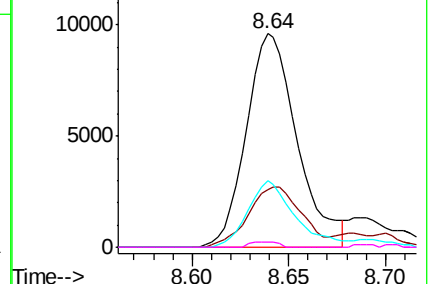
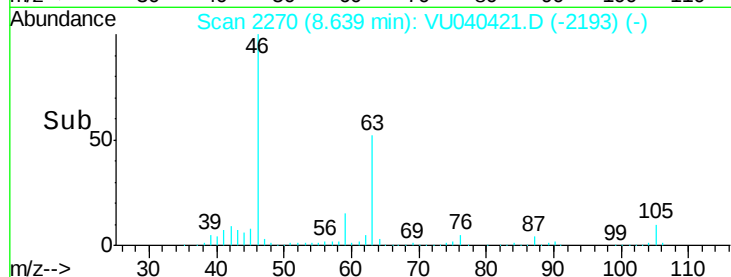


Abundance Ion 43.05 (42.75 to 43.75): VU040421.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040421.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040421.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040421.D (-2275) (-)



#49

Dibromochloromethane

Concen: 1.575 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040421.D

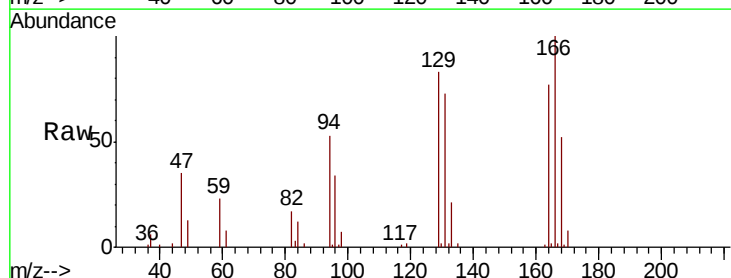
Acq: 01 Oct 2020 13:50

Tgt Ion: 129 Resp: 17599

Ion Ratio Lower Upper

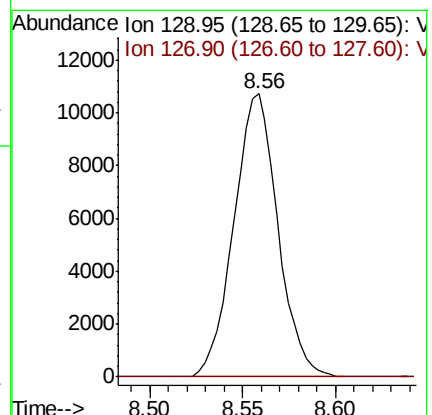
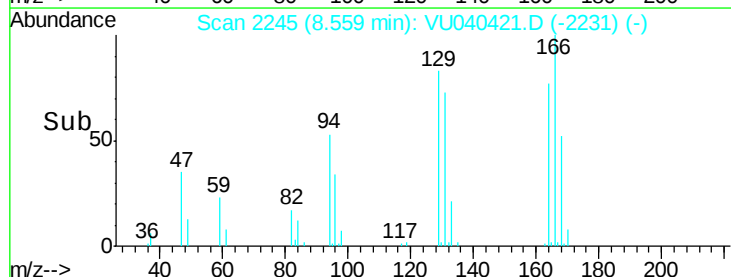
129 100

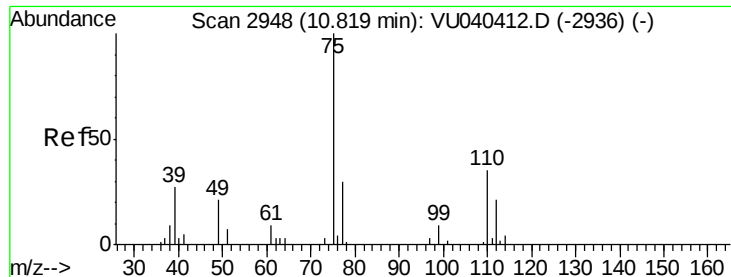
127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): VU040421.D (-2231) (-)

Ion 126.90 (126.60 to 127.60): VU040421.D (-2231) (-)





#59

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040421.D

Acq: 01 Oct 2020 13:50

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ClientSampleId :

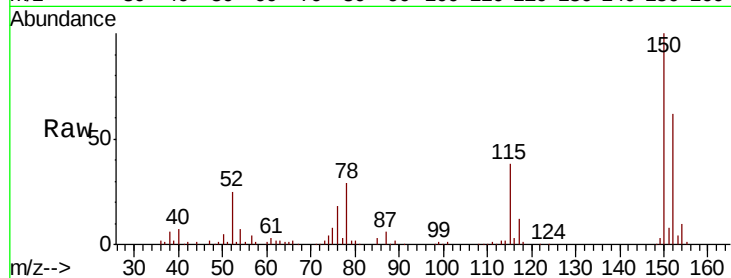
BFSB7

Tot Ion: 75 Resp: 9026

Ion Ratio Lower Upper

75 100

77 37.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

