

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038911.D
 Acq On : 15 Jun 2020 22:55
 Operator : SY/MD
 Sample : L2985-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT73DL

Quant Time: Jun 16 02:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86740	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.93	69	96904	7.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.80%#
11) 1,1-Dichloroethene-d2	2.58	63	140598	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.69	46	327652	65.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.00%
24) Chloroform-d	5.10	84	184647	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	112477	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.76	84	364149	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.72	67	111790	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.92	98	301481	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	46578	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.67	63	267638	62.19	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121441	6.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.60%#
64) 1,2-Dichlorobenzene-d4	12.20	152	126394	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

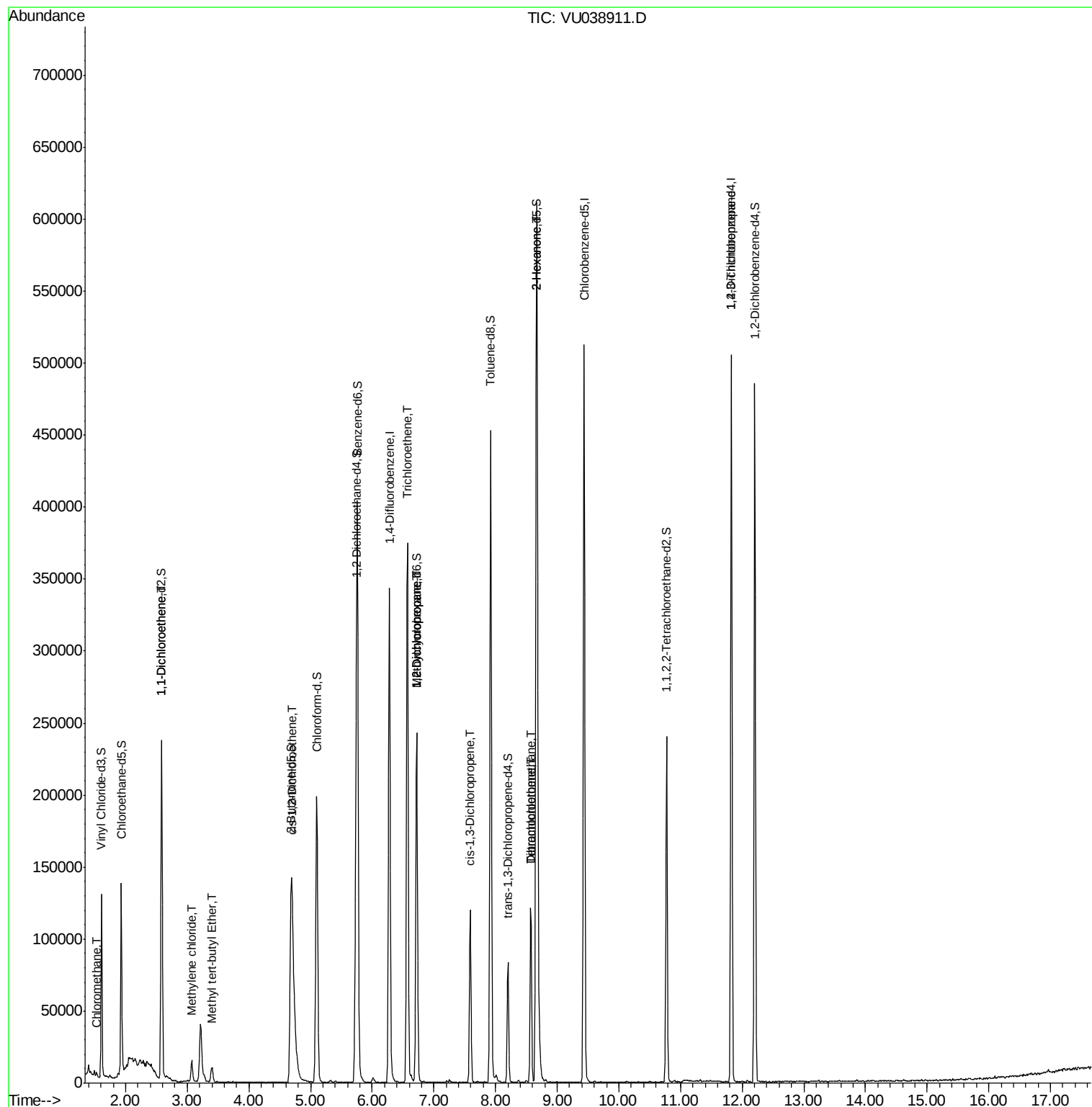
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2767	0.122	ug/L #	75
12) 1,1-Dichloroethene	2.58	96	1389	0.070	ug/L #	1
16) Methylene chloride	3.07	84	6986	0.308	ug/L	86
17) Methyl tert-butyl Ether	3.40	73	11268	0.224	ug/L	96
22) cis-1,2-Dichloroethene	4.70	96	5109	0.233	ug/L	93
34) Trichloroethene	6.57	95	126275	5.720	ug/L	99
35) Methylcyclohexane	6.72	83	26995	0.821	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12306	0.564	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2885	0.092	ug/L #	55
47) Tetrachloroethene	8.57	164	26991	1.595	ug/L	95
48) 2-Hexanone	8.67	43	33909	2.874	ug/L #	69
49) Dibromochloromethane	8.57	129	24285	1.255	ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	16220	0.965	ug/L #	84

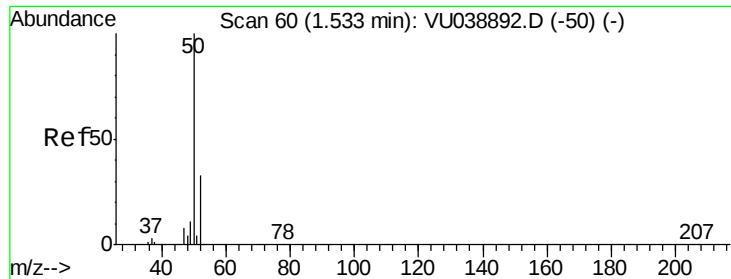
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

Instrument :

MSVOA_U

ClientSampled :

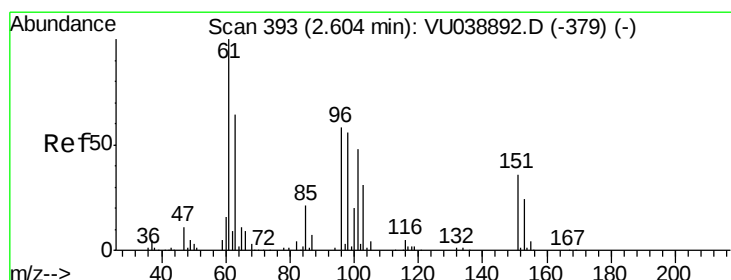
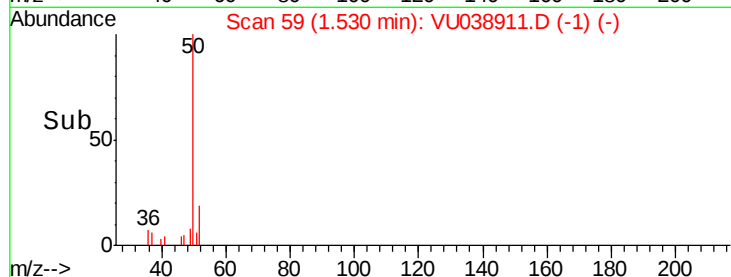
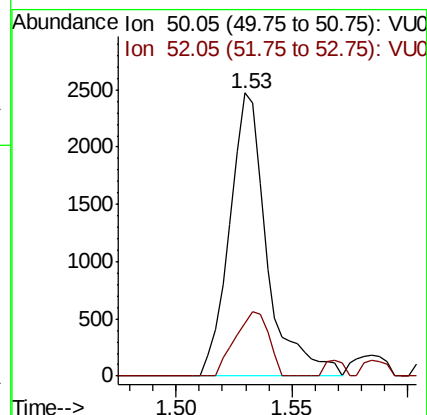
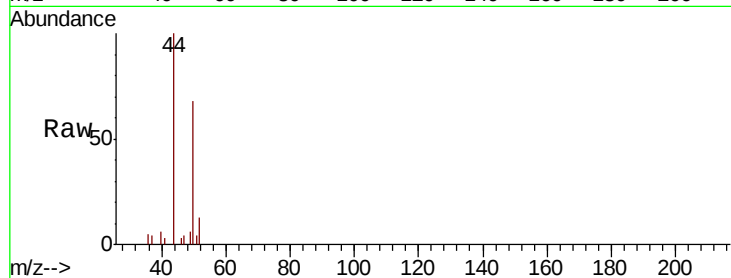
BFT73DL

Tot Ion: 50 Resp: 2767

Ion Ratio Lower Upper

50 100

52 18.8 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

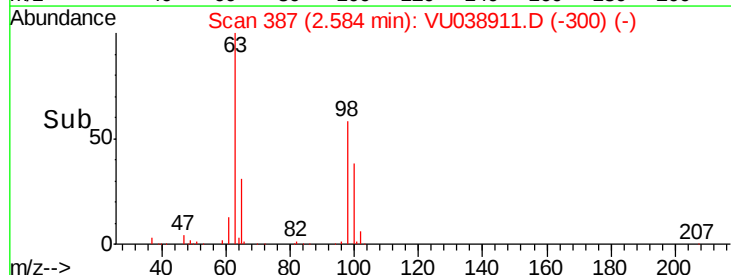
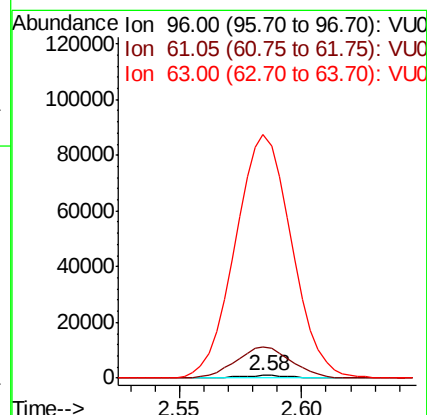
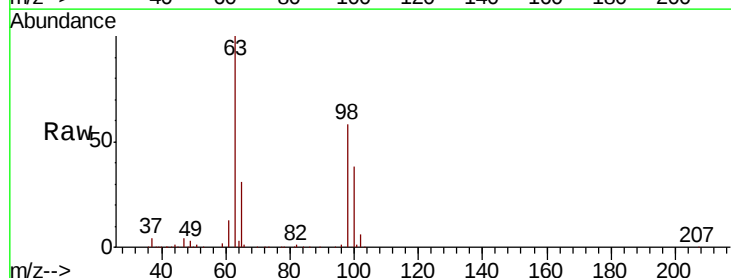
Tgt Ion: 96 Resp: 1389

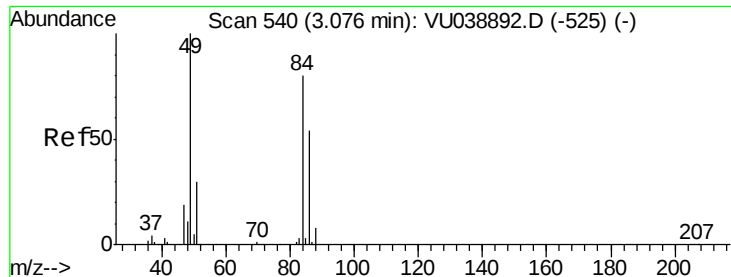
Ion Ratio Lower Upper

96 100

61 1203.9 124.9 232.1#

63 9229.1 79.1 146.9#

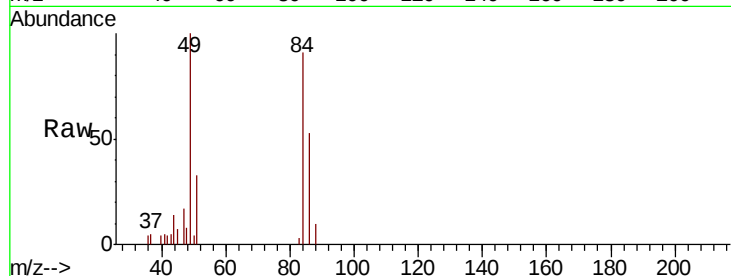




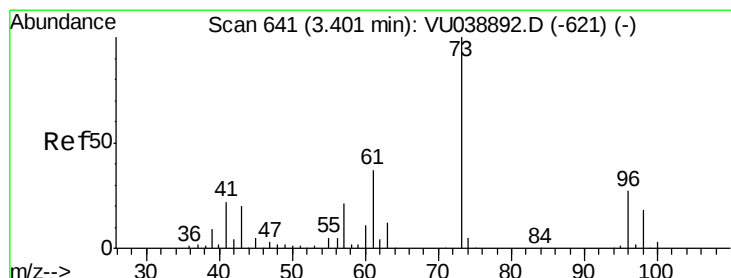
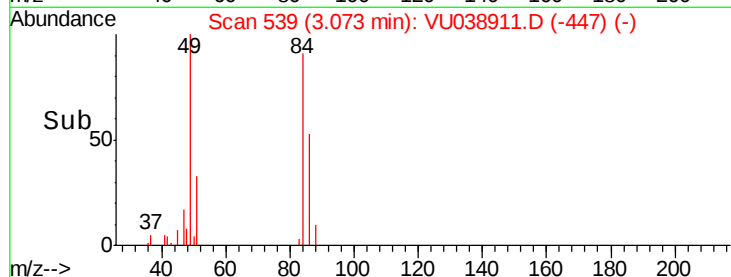
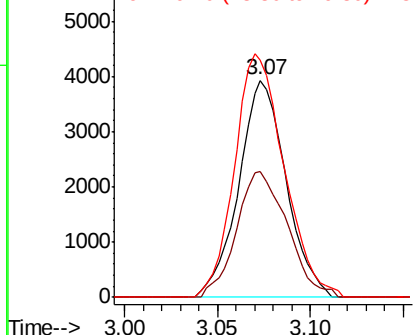
#16
Methylene chloride
Concen: 0.308 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Instrument :
MSVOA_U
ClientSampleId :
BFT73DL

Tot Ion: 84 Resp: 6986
Ion Ratio Lower Upper
84 100
86 58.0 47.9 89.1
49 109.5 88.4 164.2

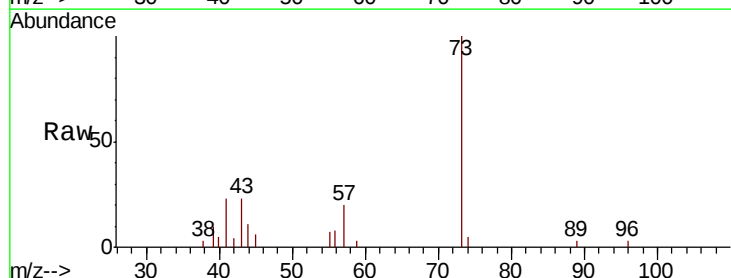


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

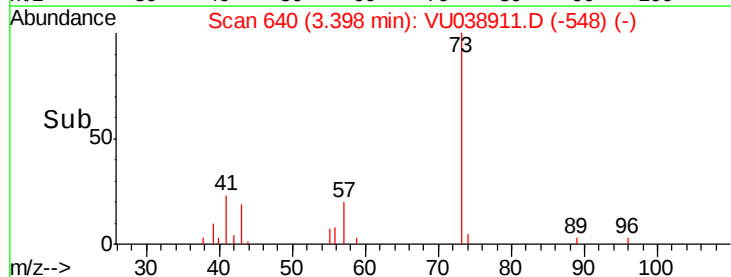
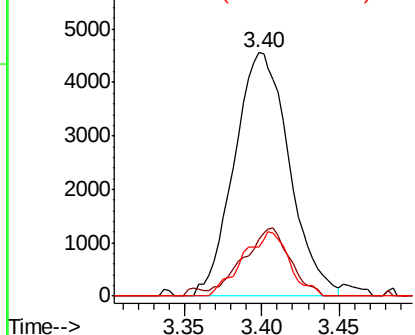


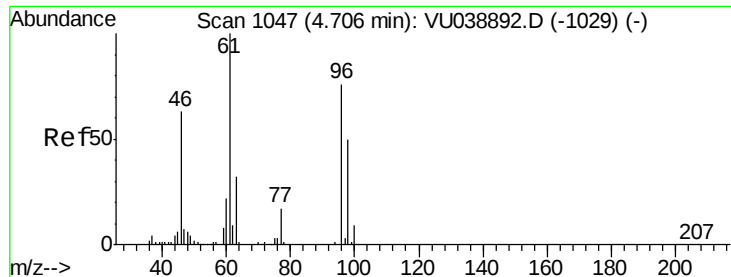
#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Tgt Ion: 73 Resp: 11268
Ion Ratio Lower Upper
73 100
43 23.7 16.6 24.8
57 22.4 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

BFT73DL

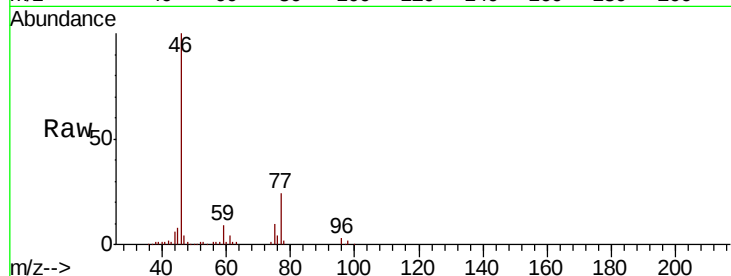
Tot Ion: 96 Resp: 5109

Ion Ratio Lower Upper

96 100

61 137.4 90.5 168.1

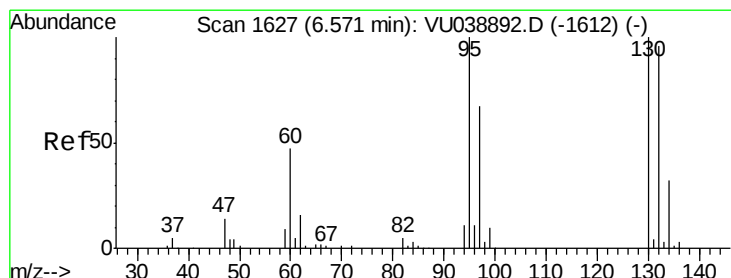
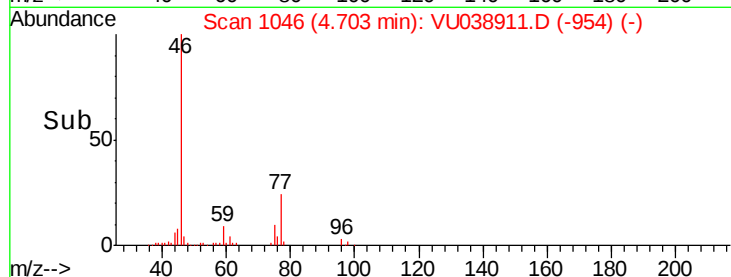
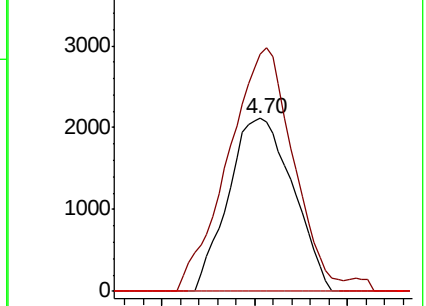
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038911.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038911.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038911.D (-1534) (-)



#34

Trichloroethene

Concen: 5.720 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

Tgt Ion: 95 Resp: 126275

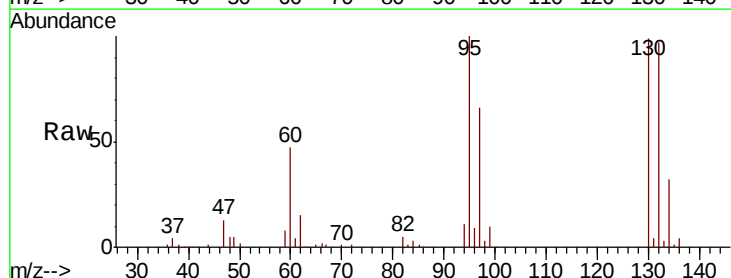
Ion Ratio Lower Upper

95 100

97 66.1 46.1 85.5

132 96.7 68.2 126.6

130 99.1 71.0 131.9

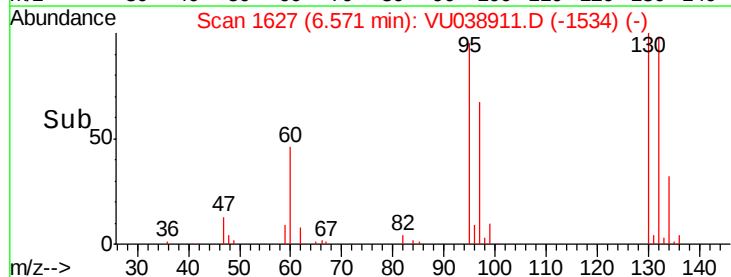
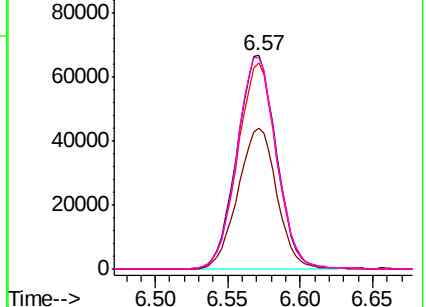


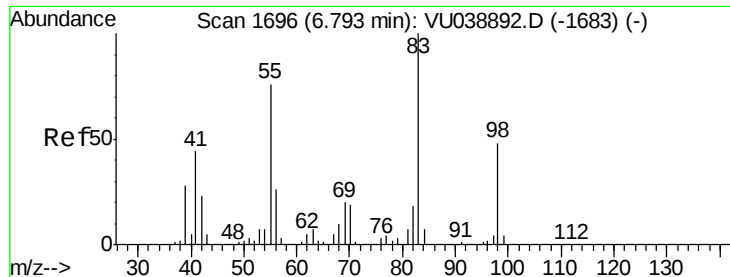
Abundance Ion 95.00 (94.70 to 95.70): VU038911.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038911.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038911.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038911.D (-1534) (-)

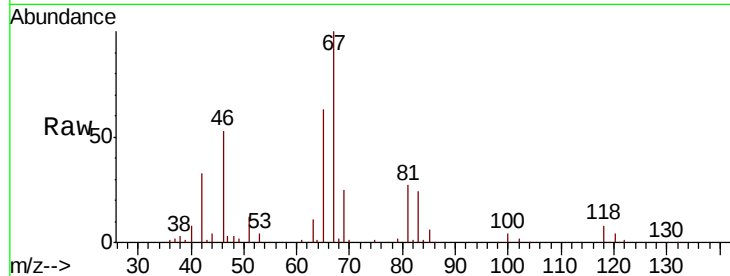




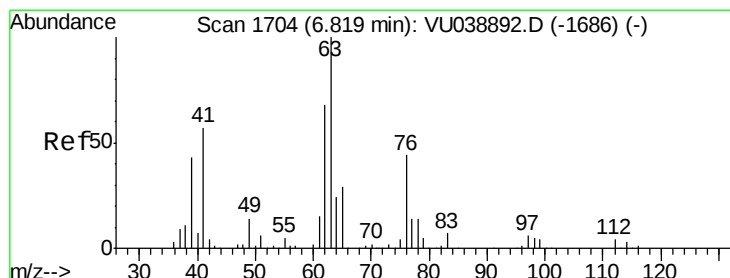
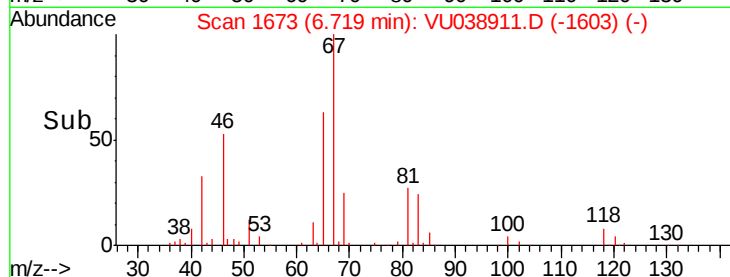
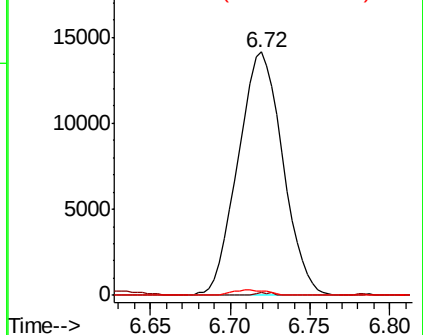
#35
Methvlcvclohexane
Concen: 0.821 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Instrument :
MSVOA_U
ClientSampleId :
BFT73DL

Tot Ion: 83 Resp: 26995
Ion Ratio Lower Upper
83 100
55 0.4 63.6 95.4#
98 1.8 38.9 58.3#

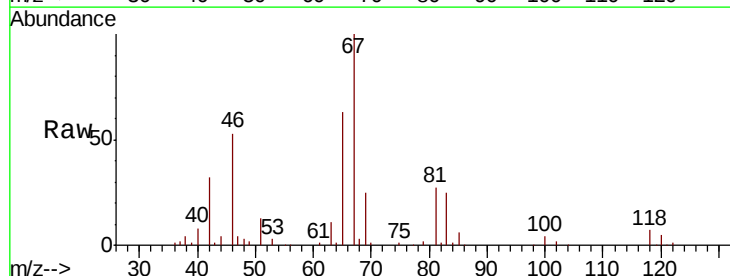


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

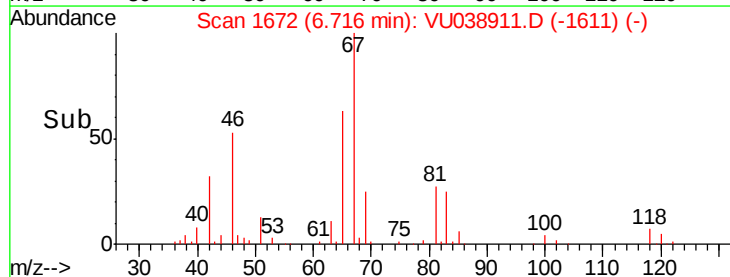
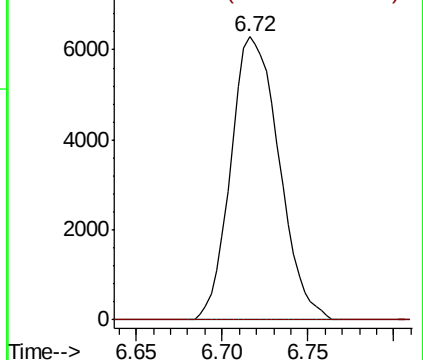


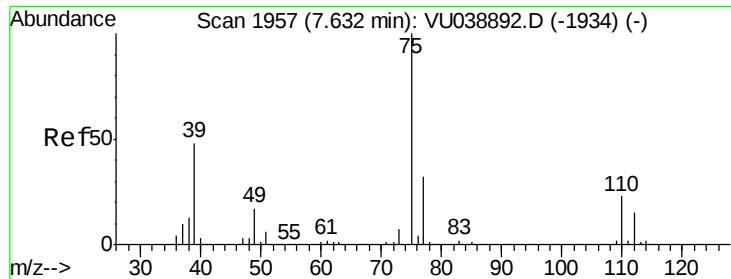
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Tgt Ion: 63 Resp: 12306
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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

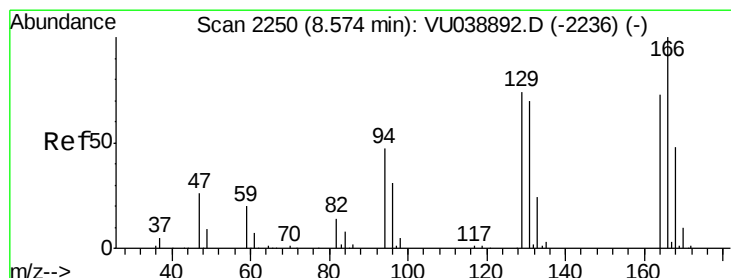
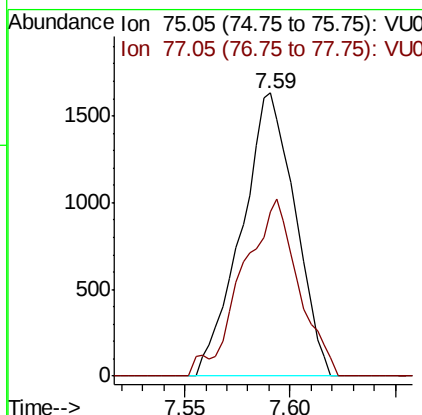
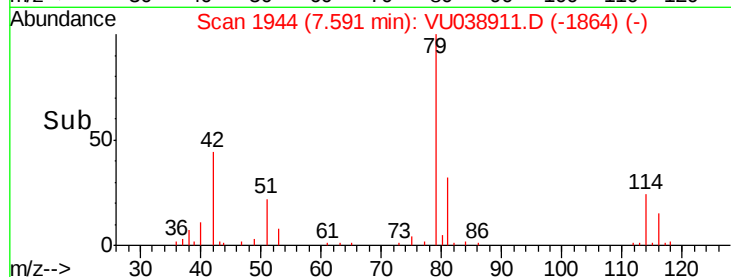
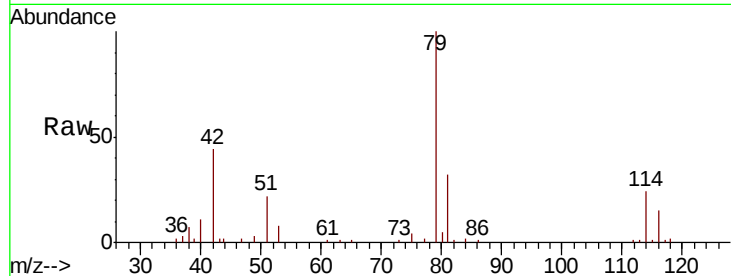




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038911.D
 Acq: 15 Jun 2020 22:55

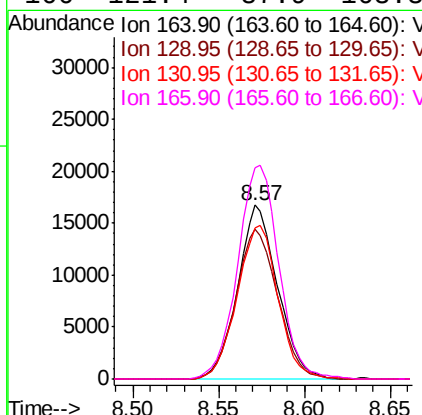
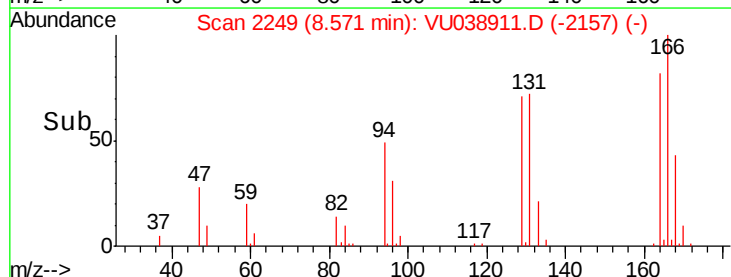
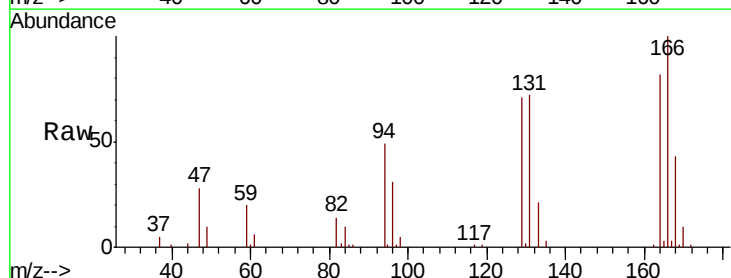
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT73DL

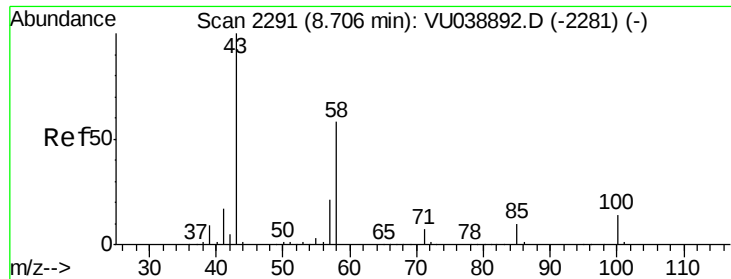
Tot Ion: 75 Resp: 2885
 Ion Ratio Lower Upper
 75 100
 77 58.0 23.0 42.6#



#47
 Tetrachloroethene
 Concen: 1.595 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038911.D
 Acq: 15 Jun 2020 22:55

Tgt Ion:164 Resp: 26991
 Ion Ratio Lower Upper
 164 100
 129 86.3 65.5 121.7
 131 87.0 63.9 118.7
 166 121.4 87.9 163.3





#48

2-Hexanone

Concen: 2.874 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.04 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

BFT73DL

Tot Ion: 43 Resp: 33909

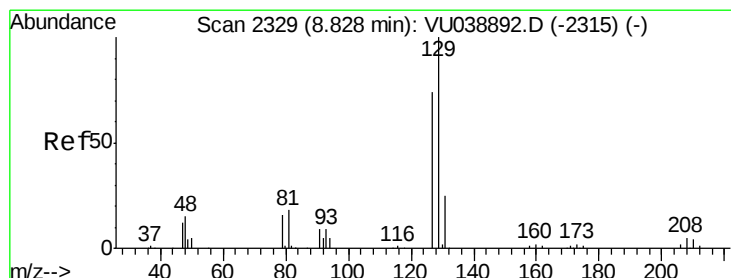
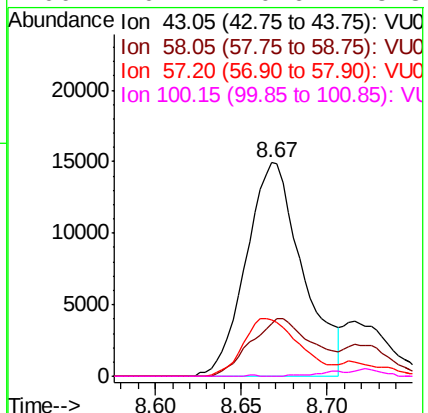
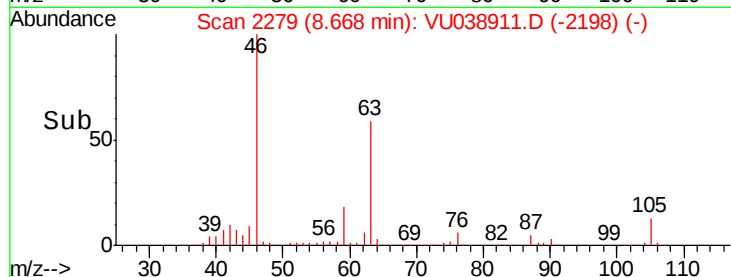
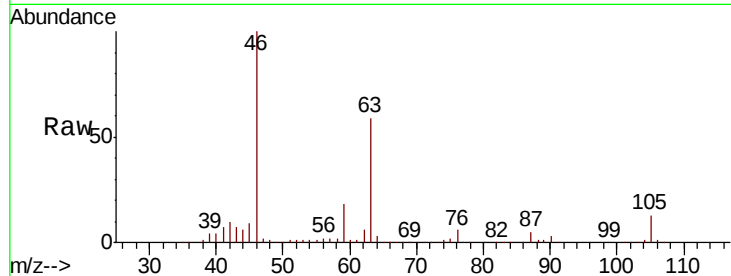
Ion Ratio Lower Upper

43 100

58 30.2 45.4 68.2#

57 27.1 16.4 24.6#

100 0.1 10.6 15.8#



#49

Dibromochloromethane

Concen: 1.255 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038911.D

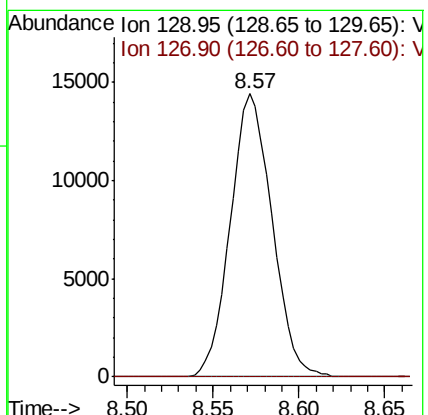
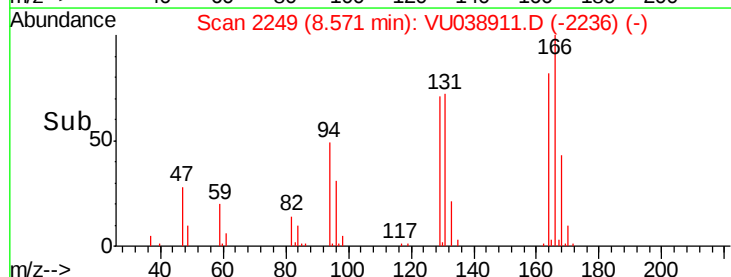
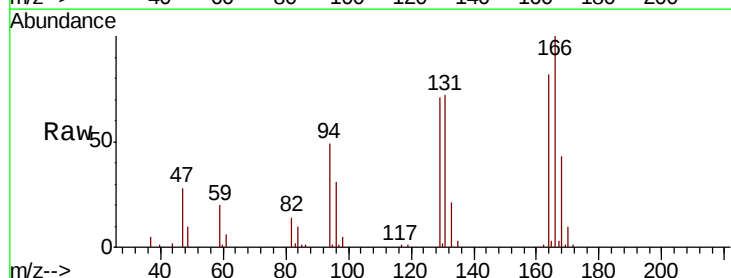
Acq: 15 Jun 2020 22:55

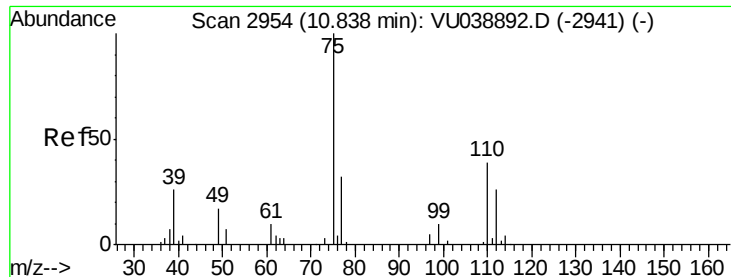
Tgt Ion: 129 Resp: 24285

Ion Ratio Lower Upper

129 100

127 0.0 56.7 105.3#





#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038911.D

Acq: 15 Jun 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

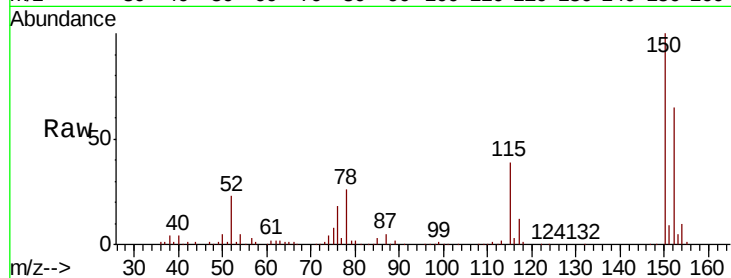
BFT73DL

Tot Ion: 75 Resp: 16220

Ion Ratio Lower Upper

75 100

77 41.3 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

