

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071720\
 Data File : VU039556.D
 Acq On : 17 Jul 2020 17:35
 Operator : SY/MD
 Sample : L3292-18DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT93DL

Quant Time: Jul 17 23:44:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40282	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19098	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.92	69	24487	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	31176	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.65	46	99972	41.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.62%
24) Chloroform-d	5.09	84	46571	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.72	65	31416	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.75	84	91783	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.71	67	32757	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.91	98	80233	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	12143	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	69792	36.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28410	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32926	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

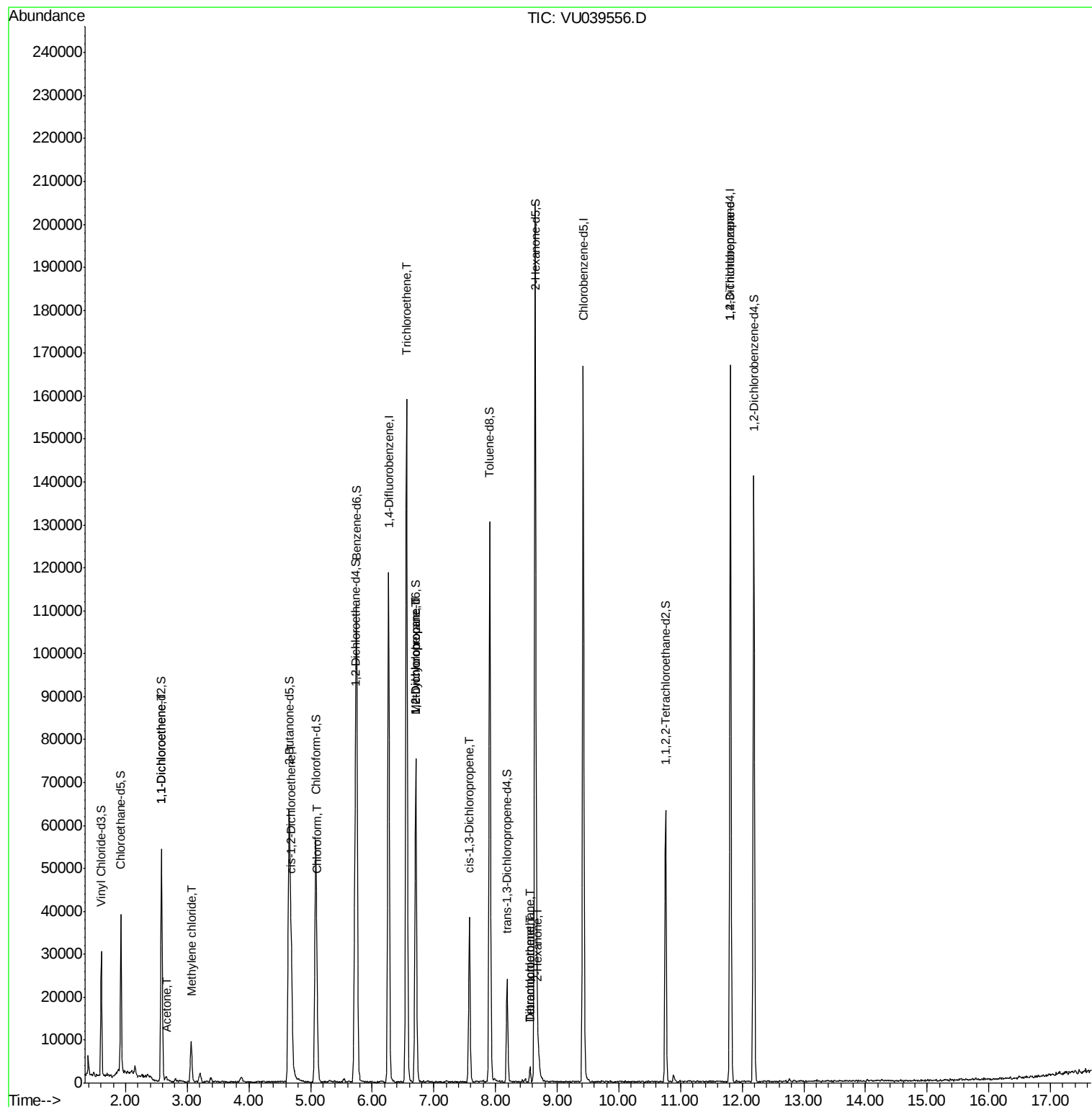
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1243	0.232	ug/L #	1
13) Acetone	2.66	43	1828	1.416	ug/L	90
16) Methylene chloride	3.07	84	4074	0.604	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	7588	1.140	ug/L	92
25) Chloroform	5.11	83	5896	0.503	ug/L	93
34) Trichloroethene	6.56	95	50970	7.592	ug/L	97
35) Methylcyclohexane	6.70	83	7195	0.669	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3915	0.553	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1004	0.094	ug/L	89
47) Tetrachloroethene	8.56	164	844	0.181	ug/L	80
48) 2-Hexanone	8.69	43	4546	1.044	ug/L #	83
49) Dibromochloromethane	8.56	129	697	0.113	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6305	1.208	ug/L	94

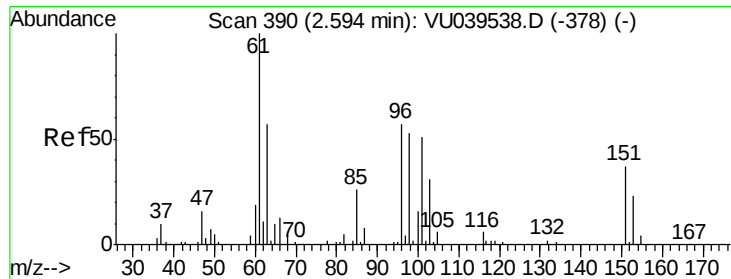
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.232 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Instrument :

MSVOA_U

ClientSampleId :

BFT93DL

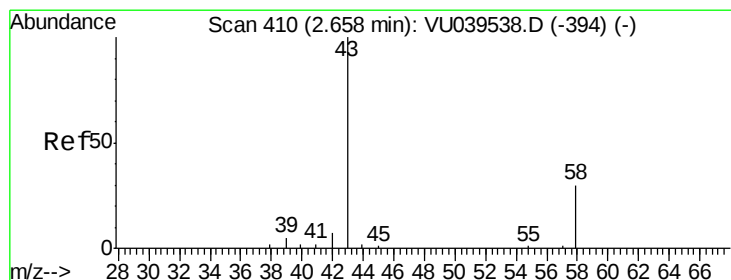
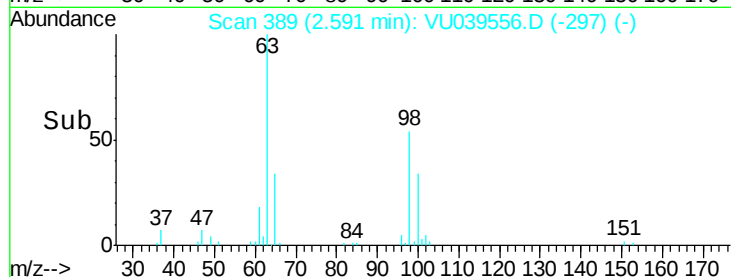
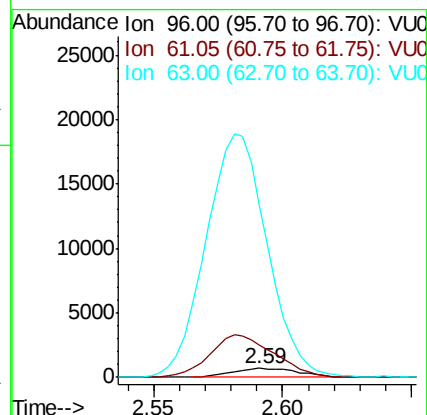
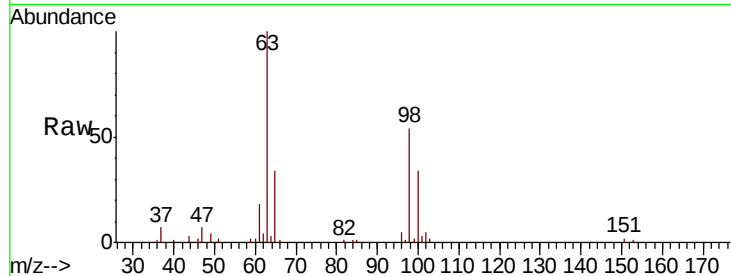
Tot Ion: 96 Resp: 1243

Ion Ratio Lower Upper

96 100

61 344.7 125.4 232.8#

63 1870.4 92.7 172.3#



#13

Acetone

Concen: 1.416 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU039556.D

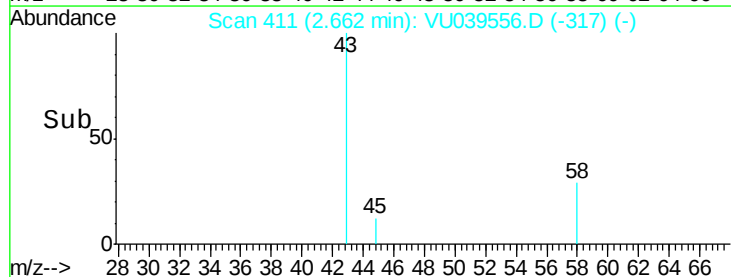
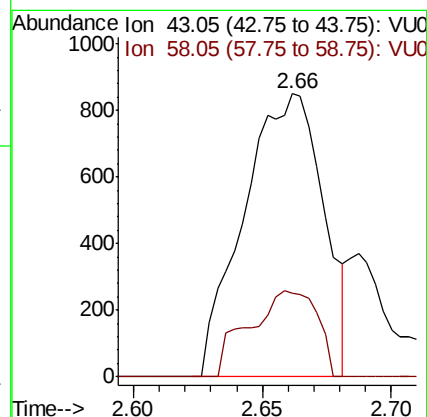
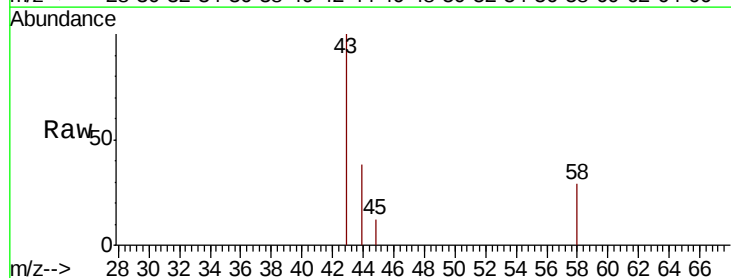
Acq: 17 Jul 2020 17:35

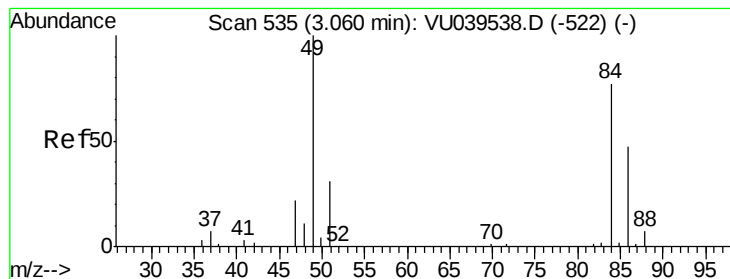
Tgt Ion: 43 Resp: 1828

Ion Ratio Lower Upper

43 100

58 26.0 0.0 62.8





#16

Methylene chloride

Concen: 0.604 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Instrument :

MSVOA_U

ClientSampleId :

BFT93DL

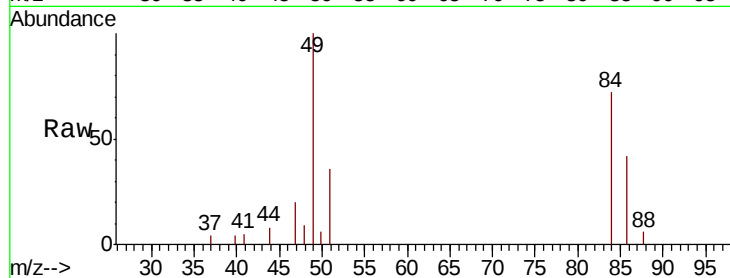
Tot Ion: 84 Resp: 4074

Ion Ratio Lower Upper

84 100

86 58.0 43.5 80.9

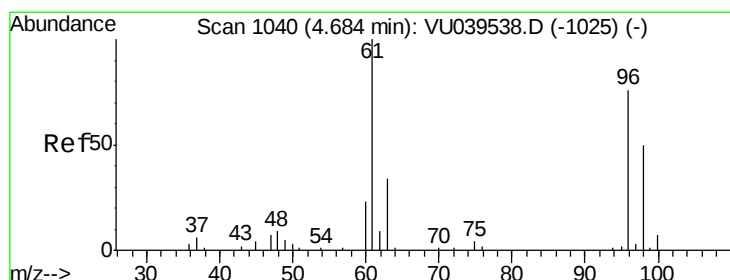
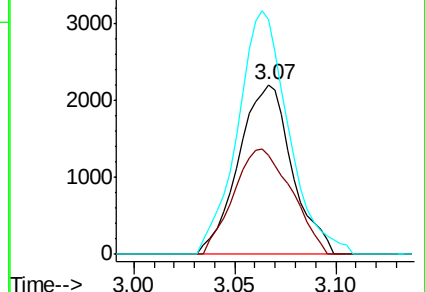
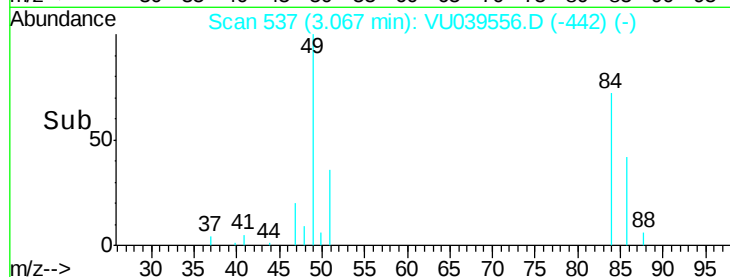
49 138.1 91.1 169.1



Abundance Ion 84.05 (83.75 to 84.75): VU039556.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039556.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039556.D (-442) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.140 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

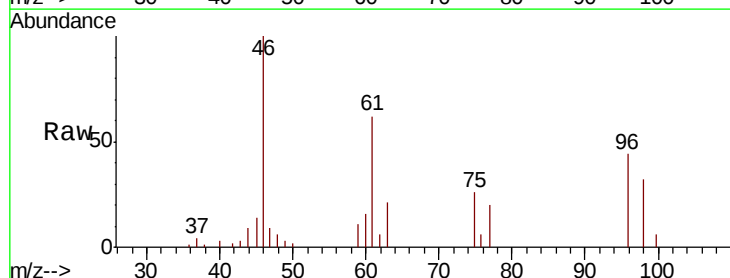
Tgt Ion: 96 Resp: 7588

Ion Ratio Lower Upper

96 100

61 141.8 92.8 172.4

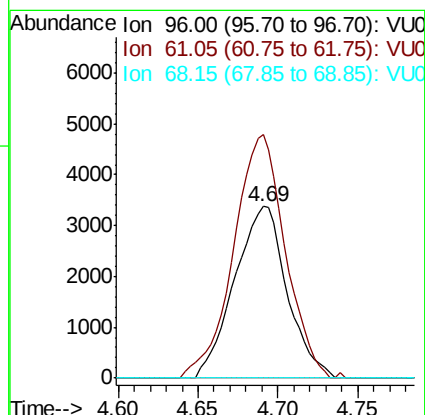
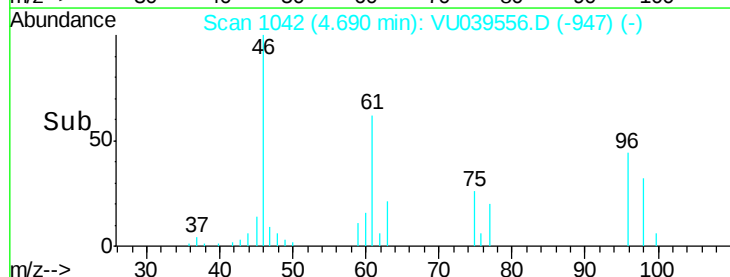
68 0.0 0.0 0.0

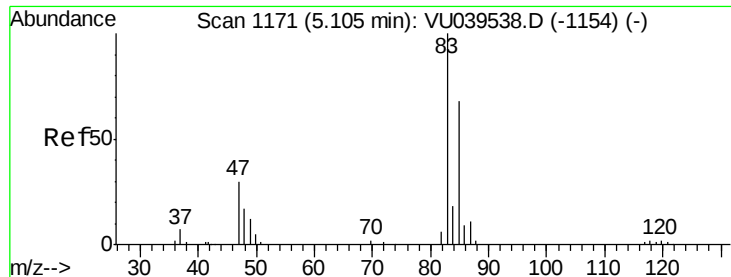


Abundance Ion 96.00 (95.70 to 96.70): VU039556.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039556.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039556.D (-947) (-)

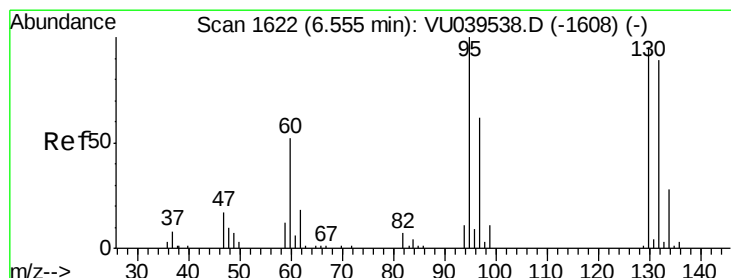
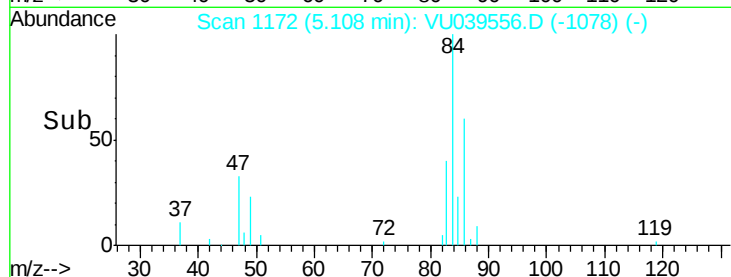
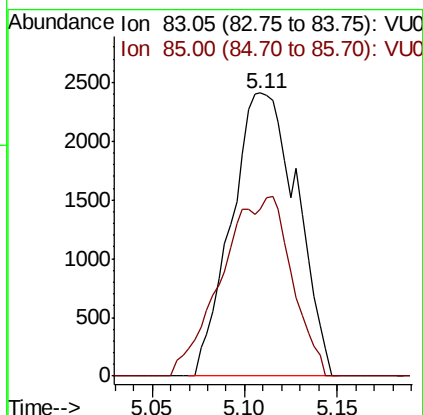
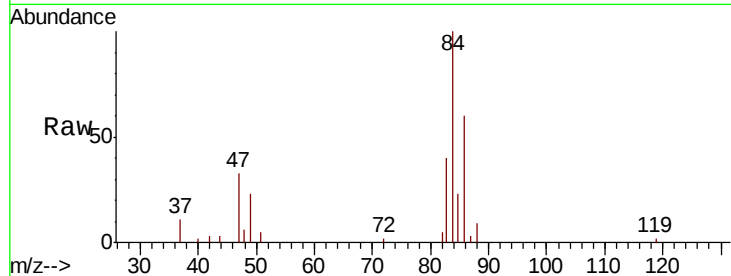




#25
Chloroform
Concen: 0.503 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

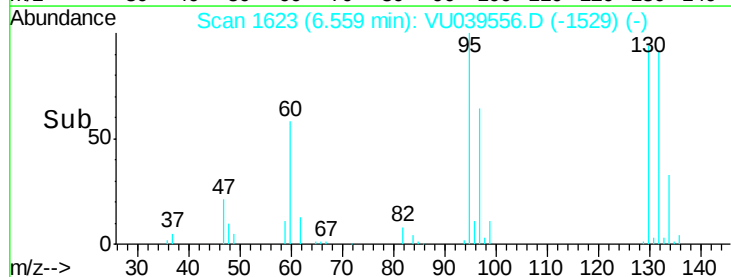
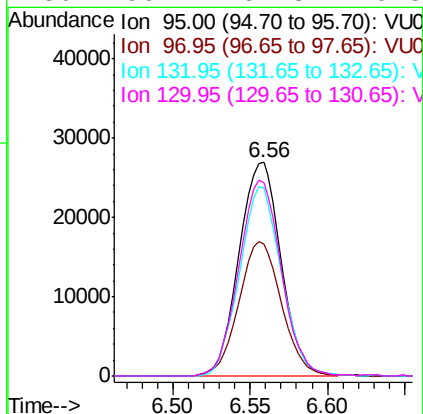
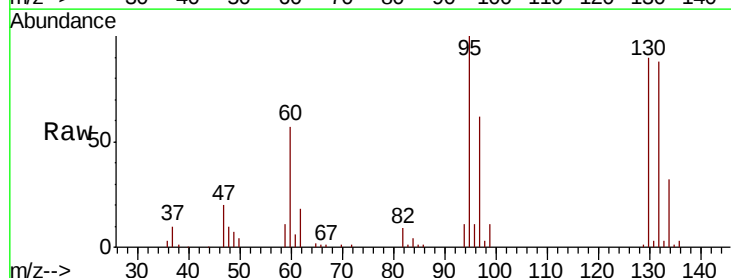
Instrument :
MSVOA_U
ClientSampled :
BFT93DL

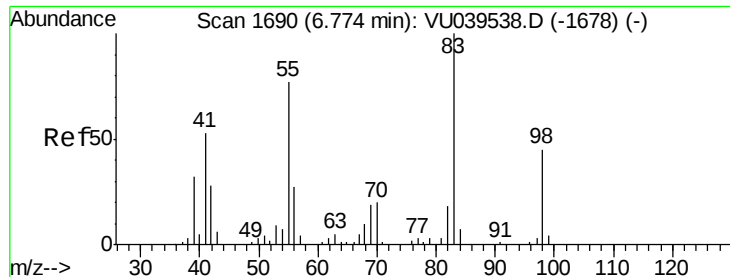
Tot Ion: 83 Resp: 5896
Ion Ratio Lower Upper
83 100
85 58.9 44.9 83.5



#34
Trichloroethene
Concen: 7.592 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

Tgt Ion: 95 Resp: 50970
Ion Ratio Lower Upper
95 100
97 61.6 46.3 85.9
132 88.1 64.0 118.8
130 90.4 64.3 119.5

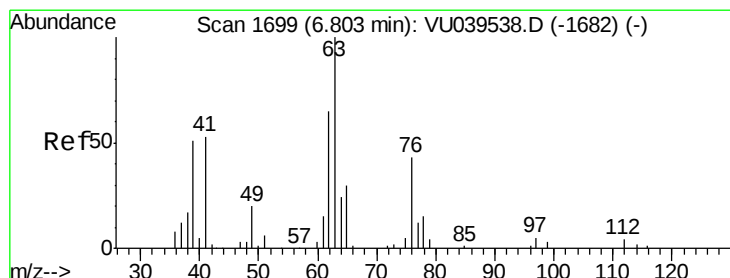
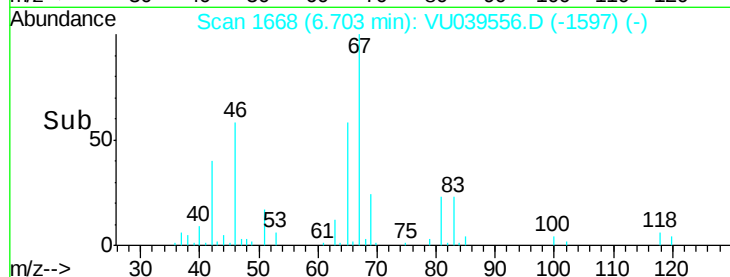
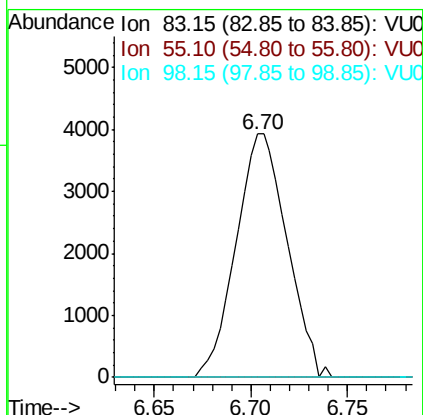
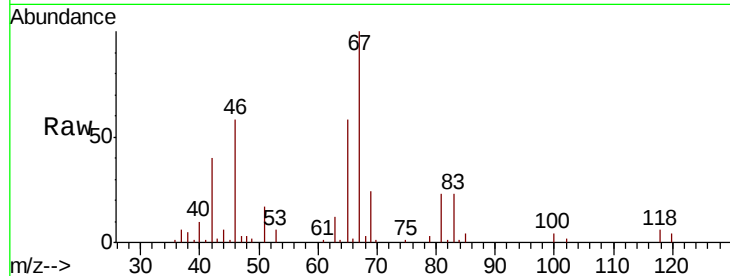




#35
Methvlcvclohexane
Concen: 0.669 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

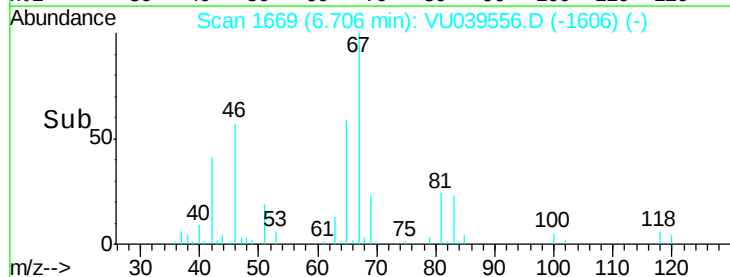
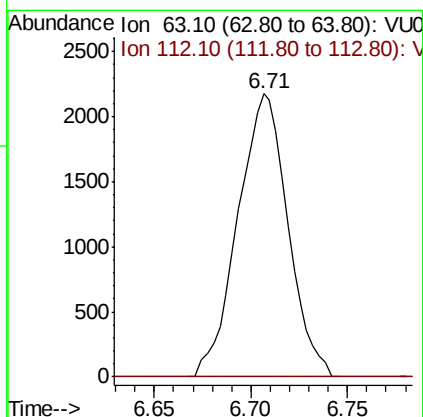
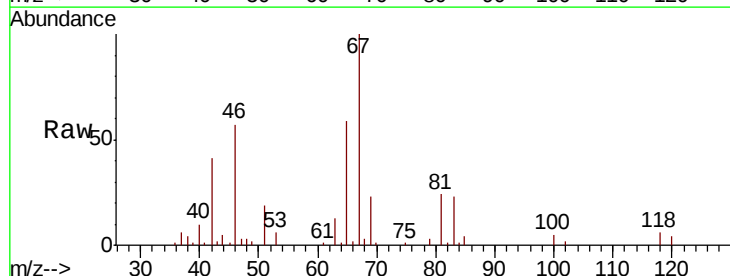
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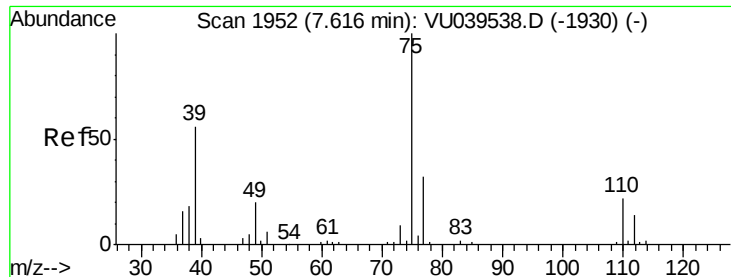
Tot Ion: 83 Resp: 7195
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

Tgt Ion: 63 Resp: 3915
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

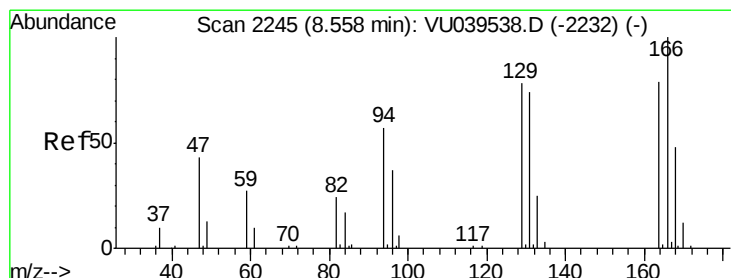
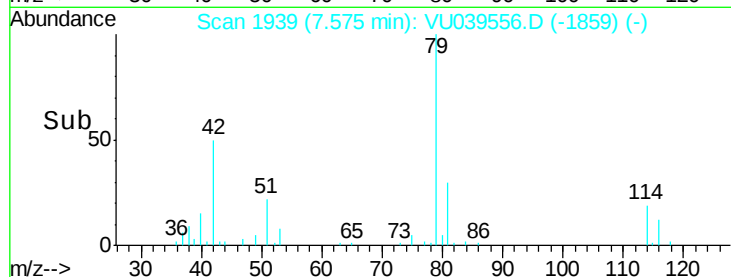
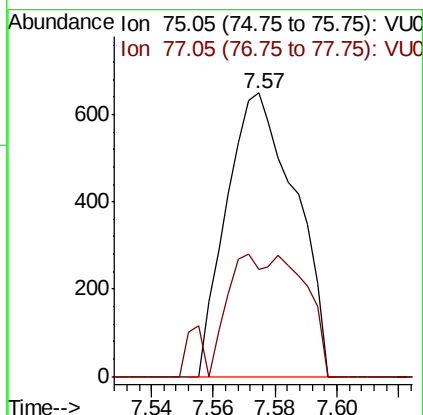
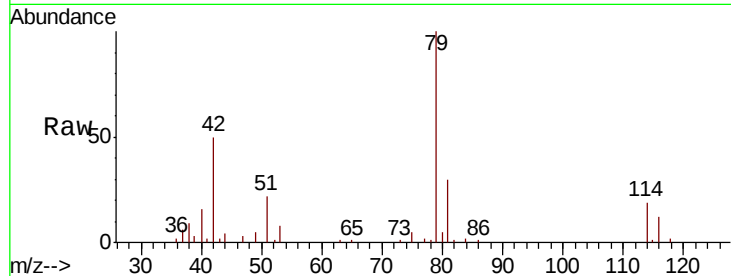




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

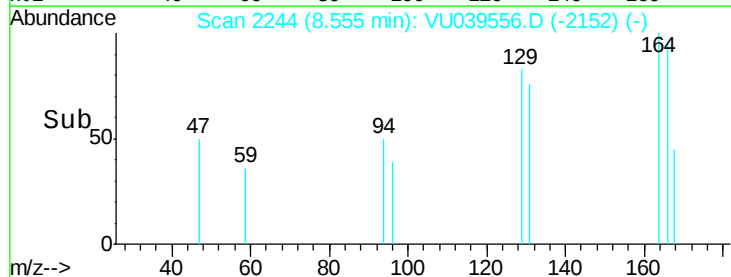
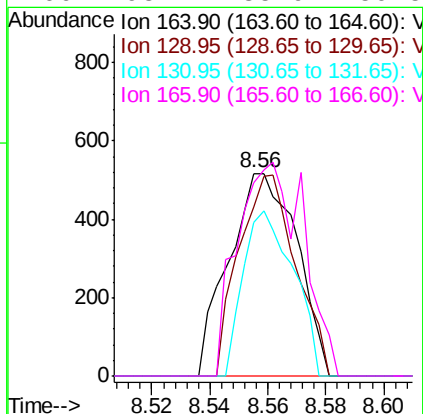
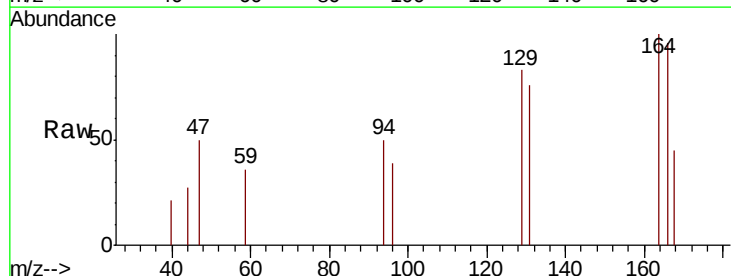
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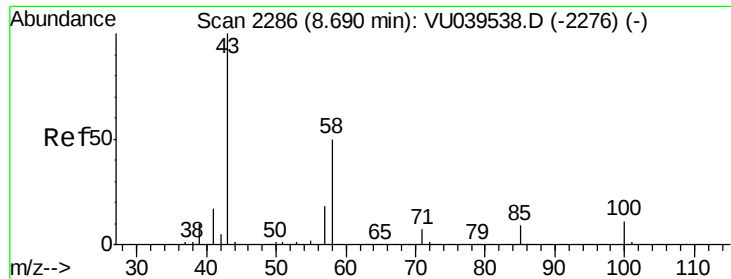
Tot Ion: 75 Resp: 1004
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.3 41.3



#47
 Tetrachloroethene
 Concen: 0.181 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039556.D
 Acq: 17 Jul 2020 17:35

Tgt Ion: 164 Resp: 844
 Ion Ratio Lower Upper
 164 100
 129 83.4 68.6 127.4
 131 75.6 66.4 123.4
 166 95.7 85.9 159.5

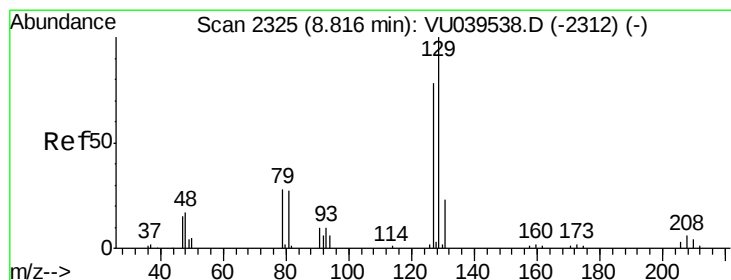
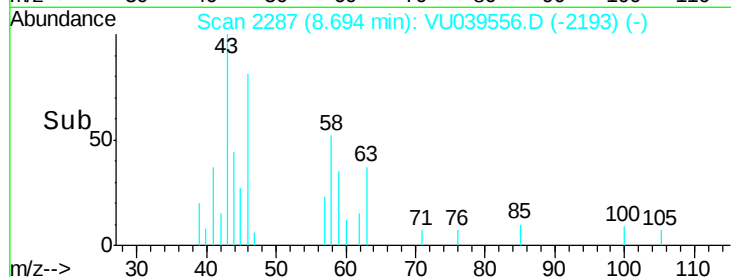
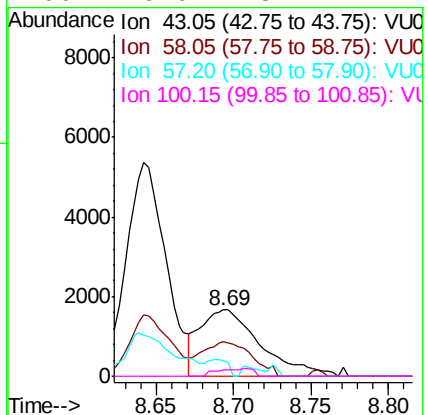
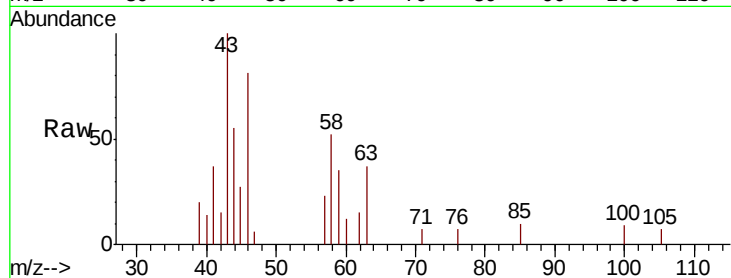




#48
2-Hexanone
Concen: 1.044 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

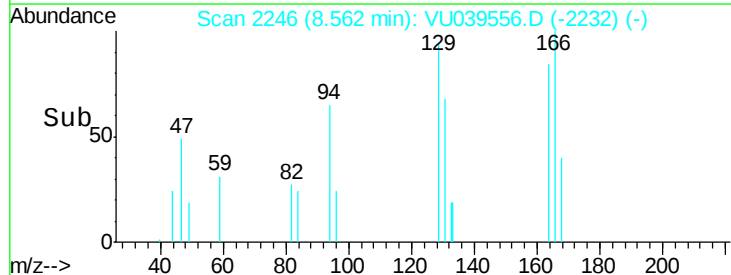
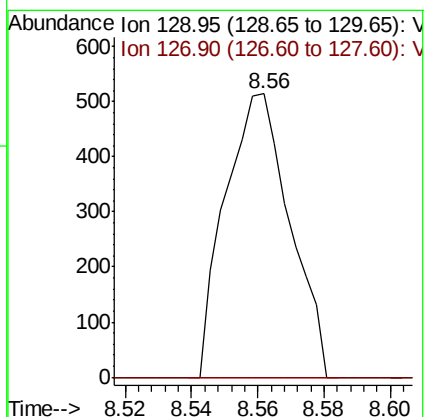
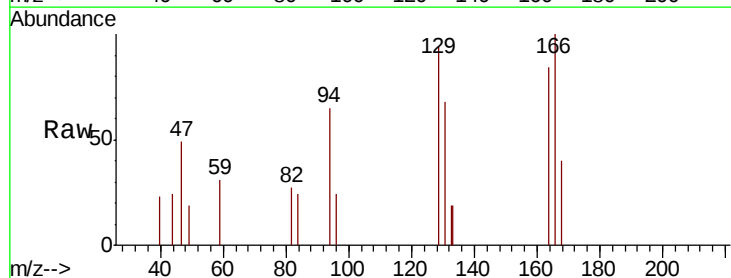
Instrument :
MSVOA_U
ClientSampled :
BFT93DL

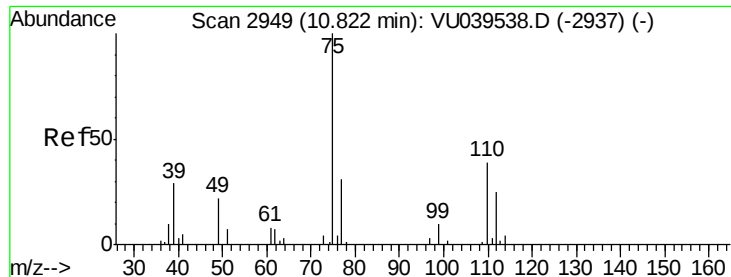
Tot Ion: 43 Resp: 4546
Ion Ratio Lower Upper
43 100
58 42.7 42.0 63.0
57 8.2 14.0 21.0#
100 0.0 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.113 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU039556.D
Acq: 17 Jul 2020 17:35

Tgt Ion: 129 Resp: 697
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.208 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039556.D

Acq: 17 Jul 2020 17:35

Instrument :

MSVOA_U

ClientSampleId :

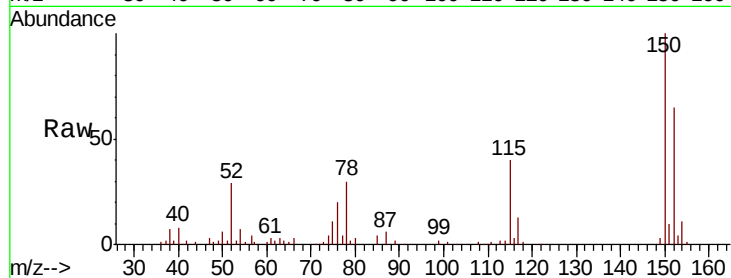
BFT93DL

Tot Ion: 75 Resp: 6305

Ion Ratio Lower Upper

75 100

77 36.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

