

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039029.D
 Acq On : 23 Jun 2020 01:06
 Operator : SY/MD
 Sample : L3073-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L45

Quant Time: Jun 23 01:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117677	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.93	69	90112	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.59	63	169544	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.67	46	378036	56.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	5.10	84	177522	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	128569	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.76	84	424531	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.72	67	136974	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.92	98	327741	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	53948	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.65	63	292187	55.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120384	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	131895	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

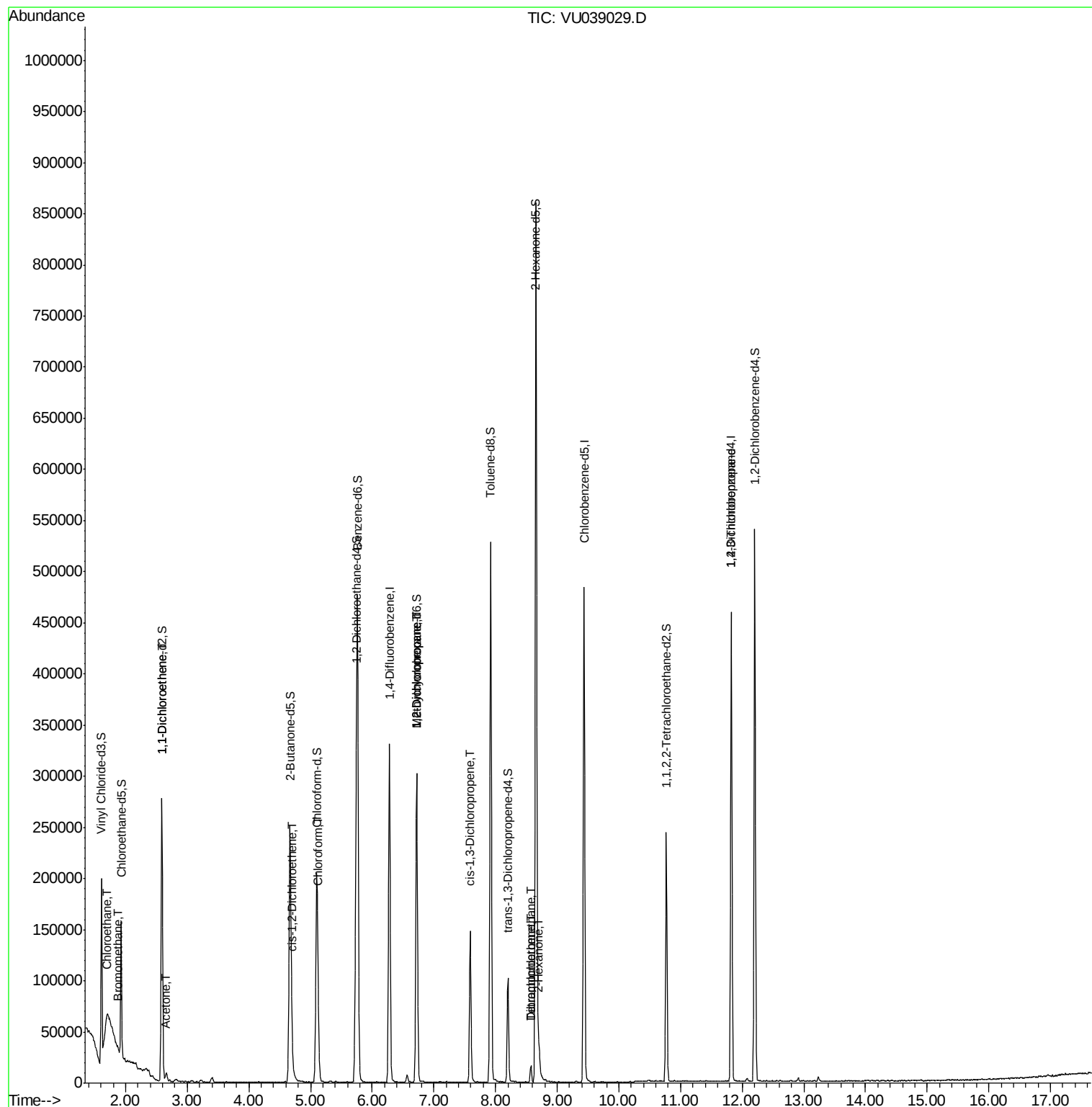
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	750	0.124	ug/L	82
8) Chloroethane	1.70	64	145154	10.402	ug/L #	58
12) 1,1-Dichloroethene	2.59	96	1108	0.062	ug/L #	1
13) Acetone	2.66	43	9421	2.248	ug/L	96
22) cis-1,2-Dichloroethene	4.70	96	2980	0.145	ug/L	97
25) Chloroform	5.12	83	38063	0.967	ug/L	100
35) Methylcyclohexane	6.72	83	32682	1.037	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15198	0.678	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3742	0.117	ug/L #	66
47) Tetrachloroethene	8.57	164	3663	0.250	ug/L	90
48) 2-Hexanone	8.71	43	13077	1.054	ug/L	98
49) Dibromochloromethane	8.57	129	3522	0.193	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	16529	1.001	ug/L	92

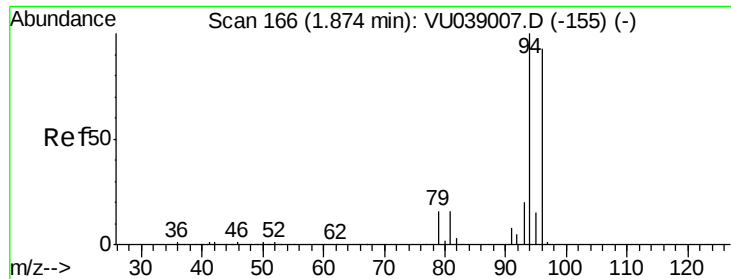
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.124 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.01 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampled :

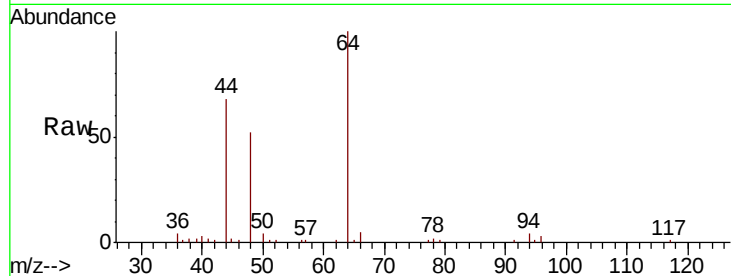
F9L45

Tot Ion: 94 Resp: 750

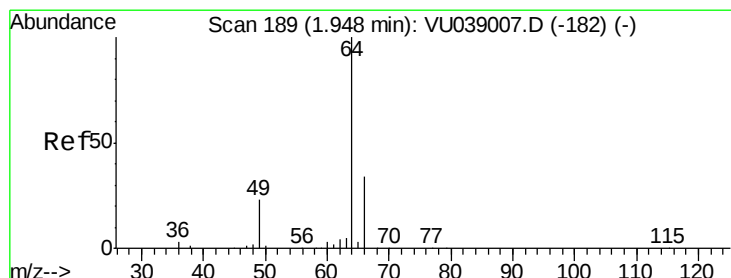
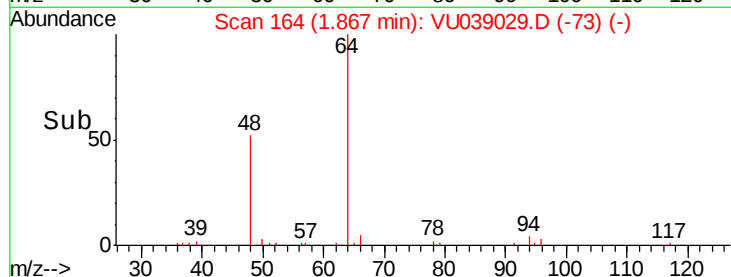
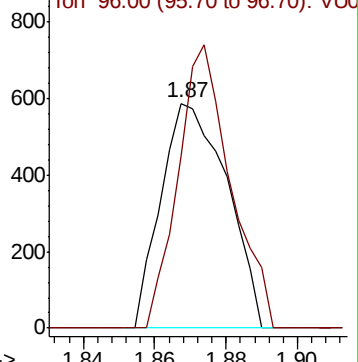
Ion Ratio Lower Upper

94 100

96 76.5 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039029.D



#8

Chloroethane

Concen: 10.402 ug/L

RT: 1.70 min Scan# 113

Delta R.T. -0.24 min

Lab File: VU039029.D

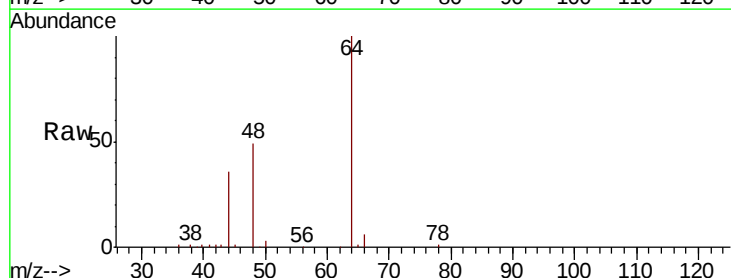
Acq: 23 Jun 2020 01:06

Tgt Ion: 64 Resp: 145154

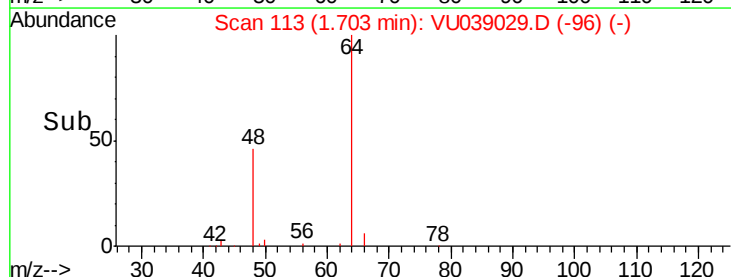
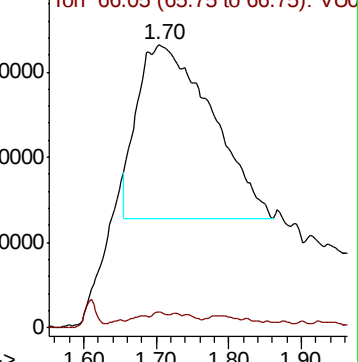
Ion Ratio Lower Upper

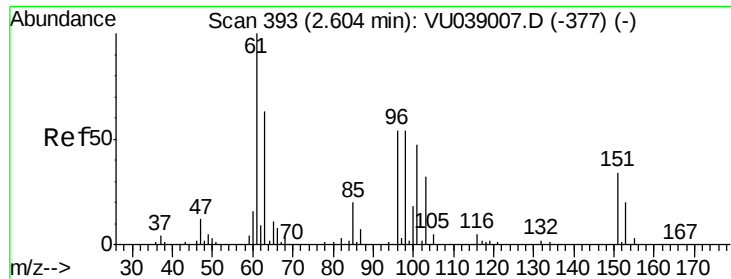
64 100

66 5.8 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039029.D





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

F9L45

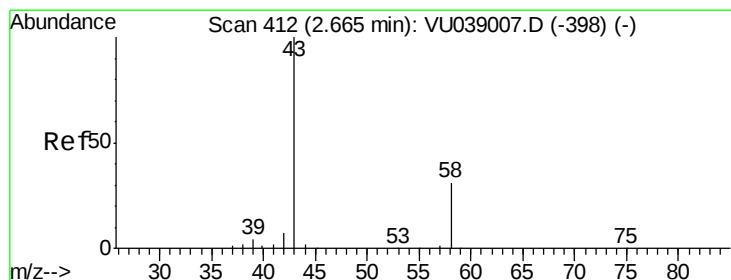
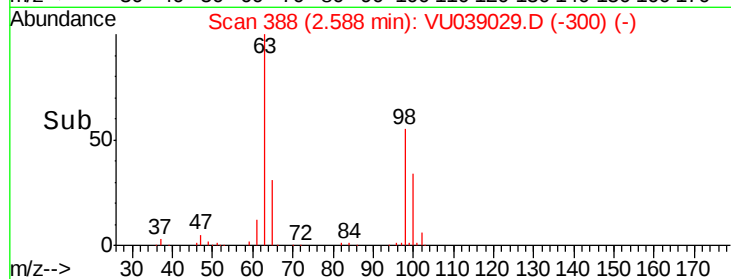
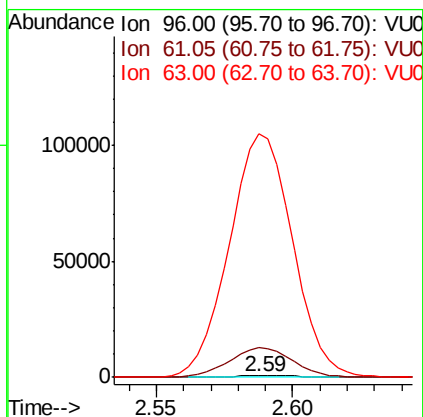
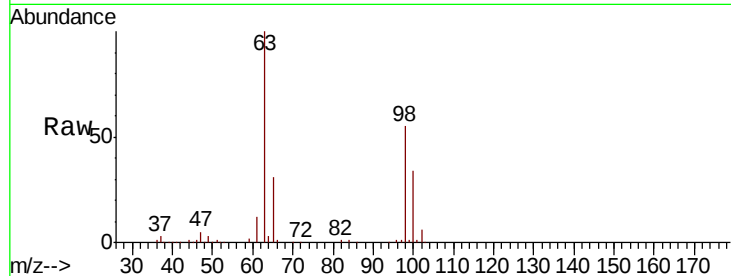
Tot Ion: 96 Resp: 1108

Ion Ratio Lower Upper

96 100

61 2102.3 128.7 239.1#

63 17348.8 101.5 188.5#



#13

Acetone

Concen: 2.248 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039029.D

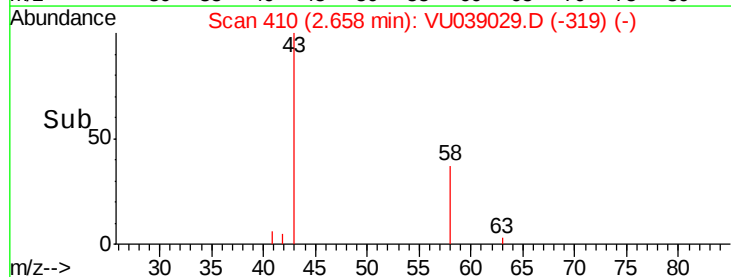
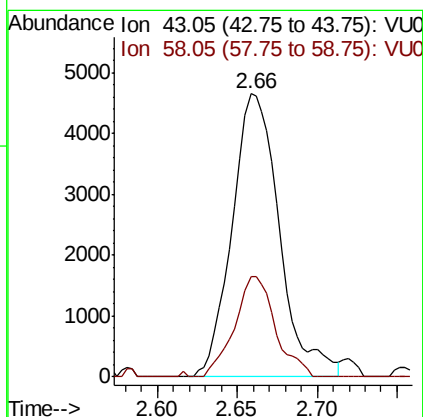
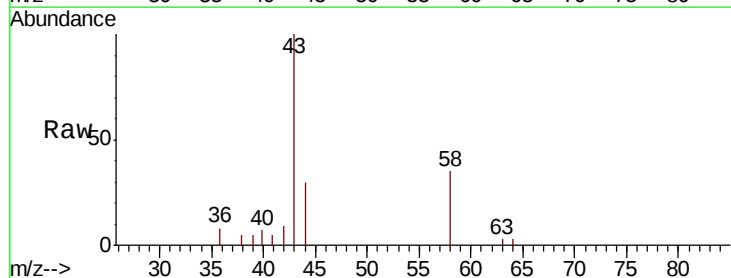
Acq: 23 Jun 2020 01:06

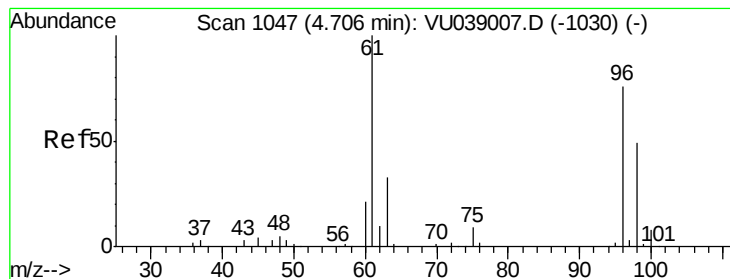
Tgt Ion: 43 Resp: 9421

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.8





#22

cis-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampled :

F9L45

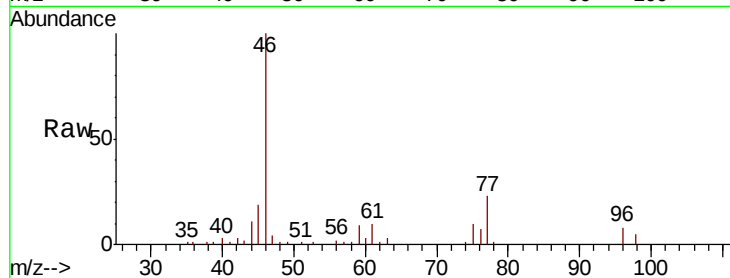
Tot Ion: 96 Resp: 2980

Ion Ratio Lower Upper

96 100

61 135.1 92.0 170.8

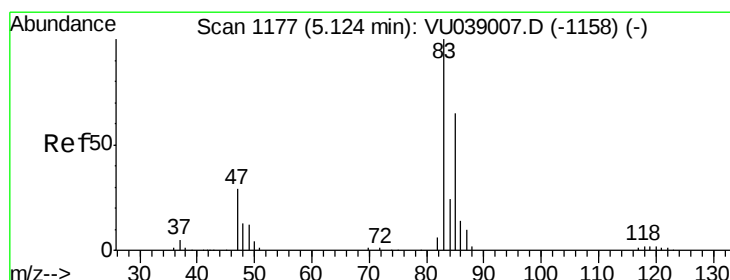
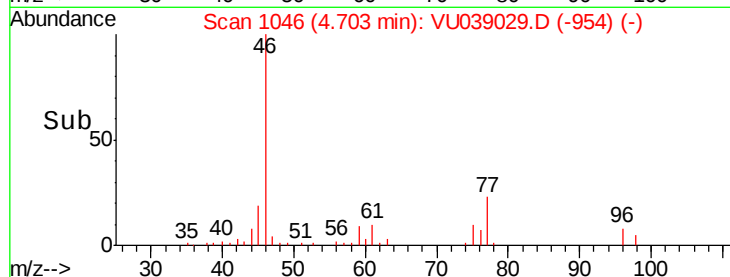
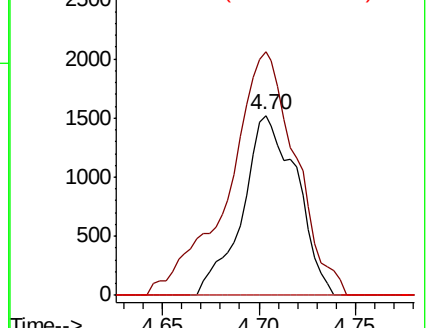
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039007.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU039007.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU039007.D (-1030) (-)



#25

Chloroform

Concen: 0.967 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039029.D

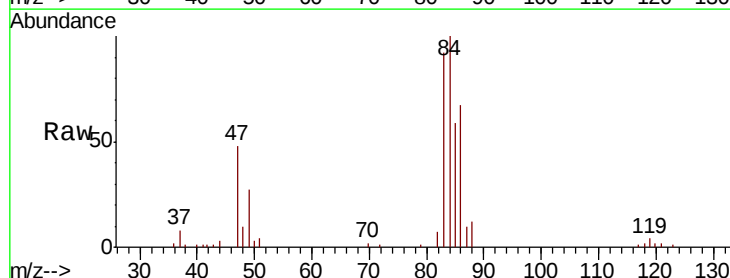
Acq: 23 Jun 2020 01:06

Tgt Ion: 83 Resp: 38063

Ion Ratio Lower Upper

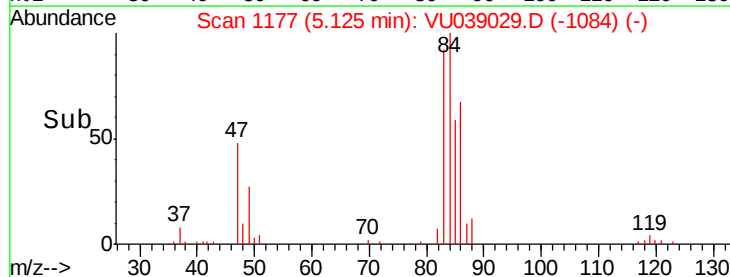
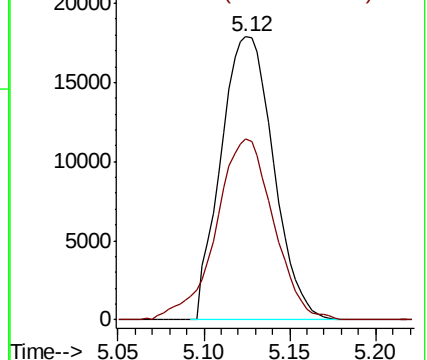
83 100

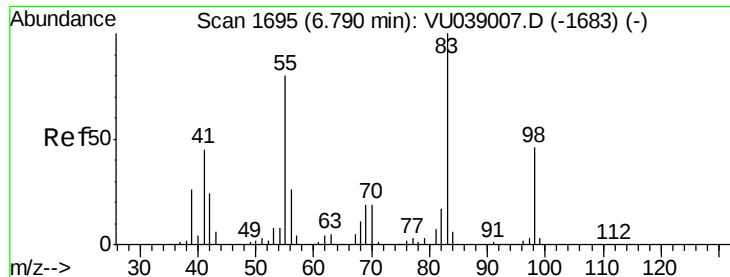
85 64.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)

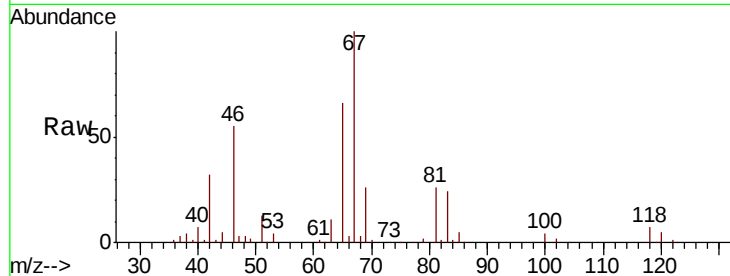




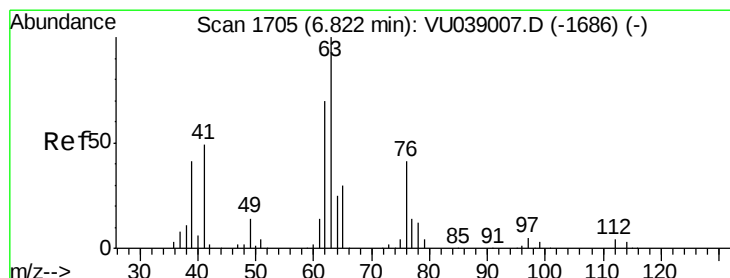
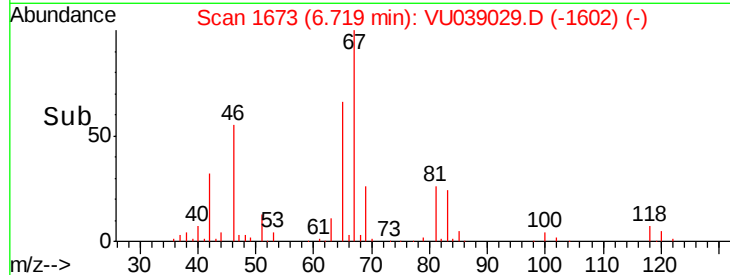
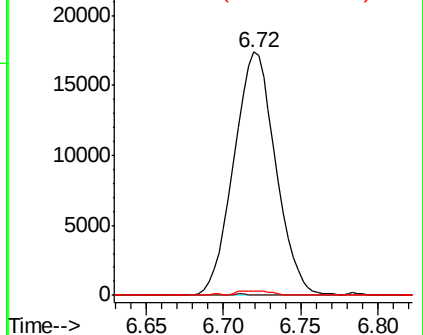
#35
Methvlcvclohexane
Concen: 1.037 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Instrument :
MSVOA_U
ClientSampleId :
F9L45

Tot Ion: 83 Resp: 32682
Ion Ratio Lower Upper
83 100
55 0.1 65.1 97.7#
98 0.7 37.0 55.4#

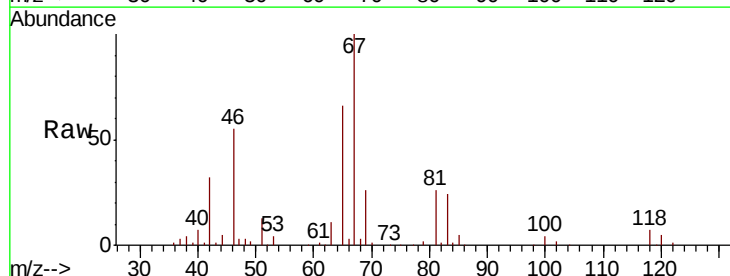


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

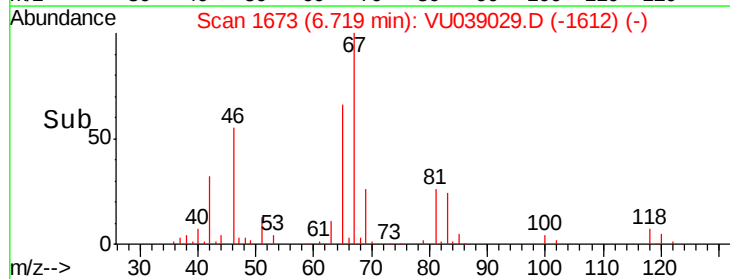
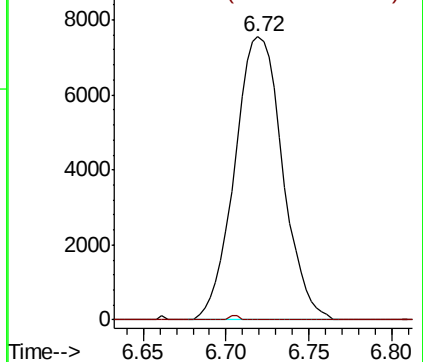


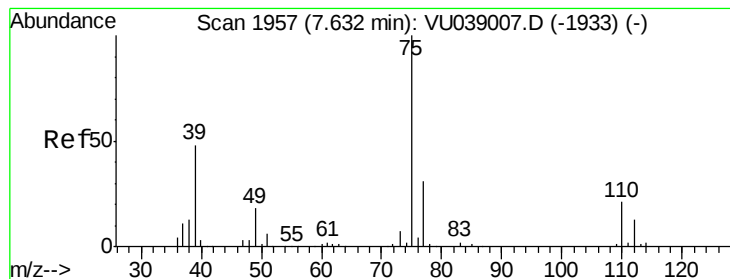
#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Tgt Ion: 63 Resp: 15198
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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



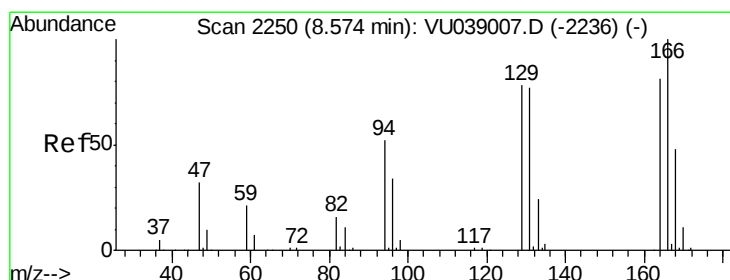
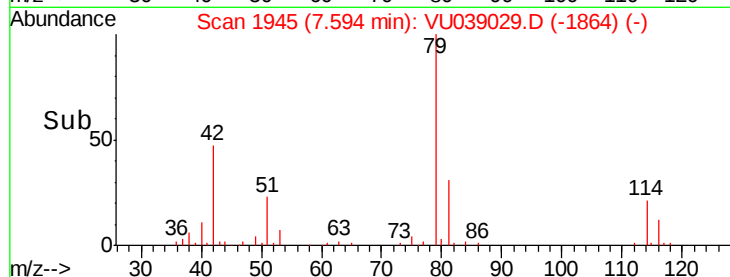
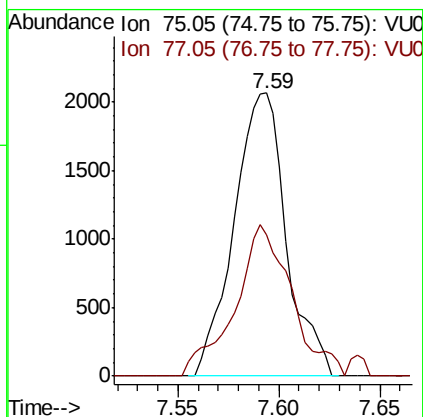
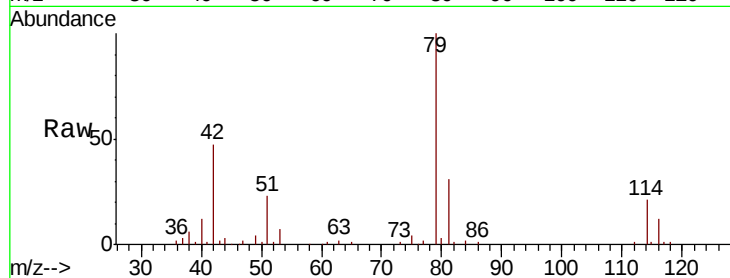


#39

cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Instrument :
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ClientSampleId :
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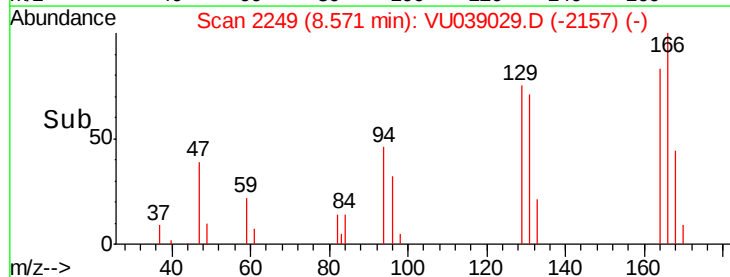
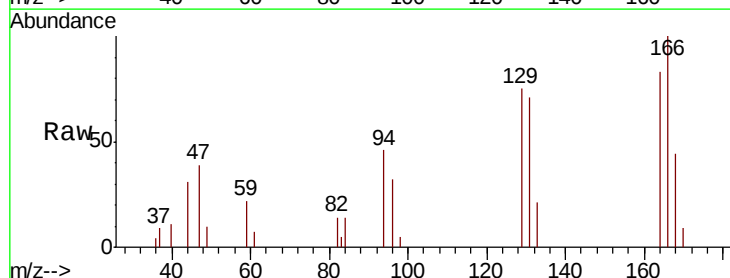
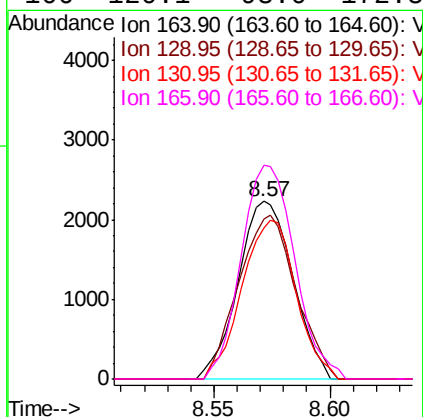
Tot Ion: 75 Resp: 3742
Ion Ratio Lower Upper
75 100
77 50.1 22.0 41.0#

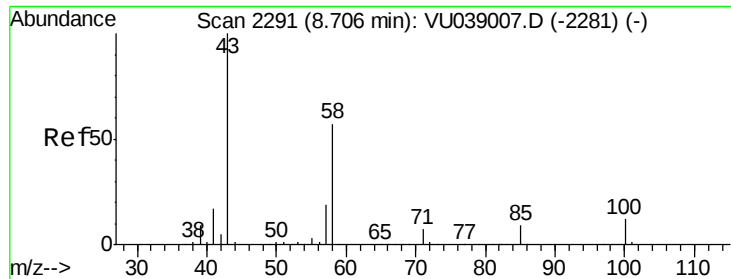


#47

Tetrachloroethene
Concen: 0.250 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Tgt Ion:164 Resp: 3663
Ion Ratio Lower Upper
164 100
129 89.6 69.2 128.6
131 85.0 66.9 124.3
166 120.1 93.0 172.8

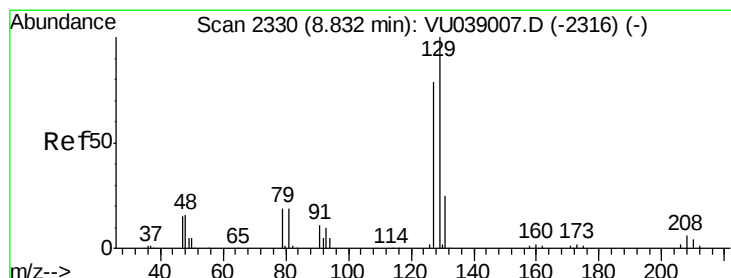
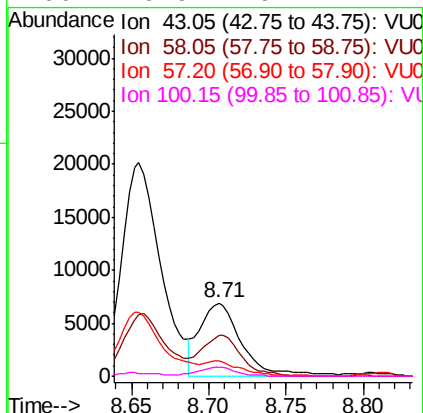
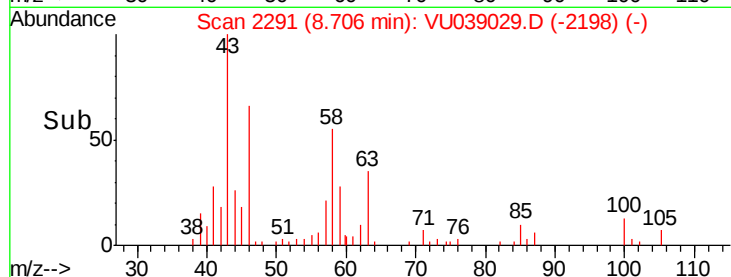
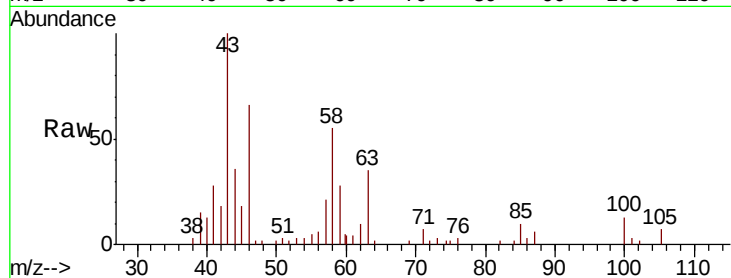




#48
2-Hexanone
Concen: 1.054 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

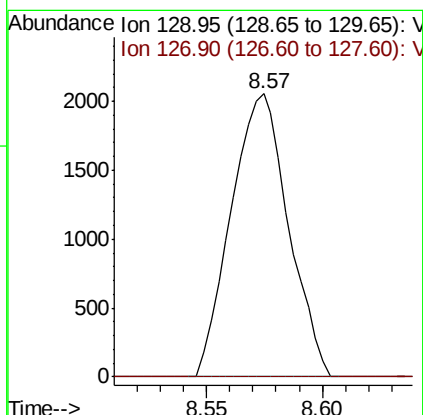
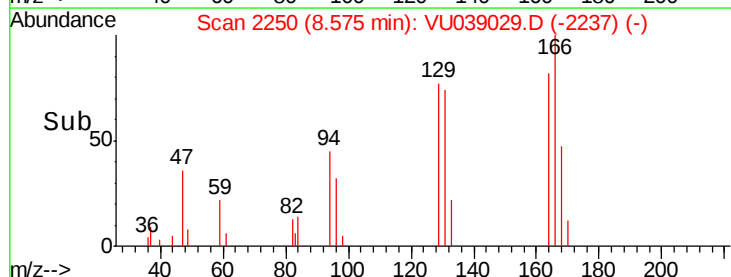
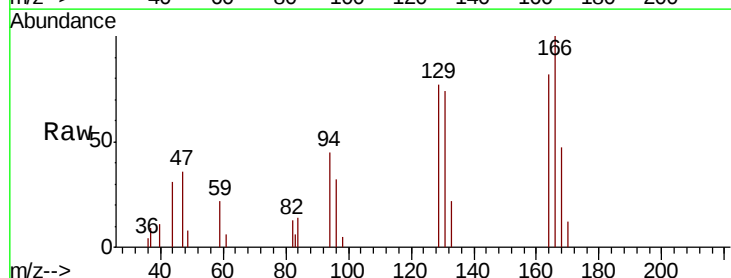
Instrument :
MSVOA_U
ClientSampleId :
F9L45

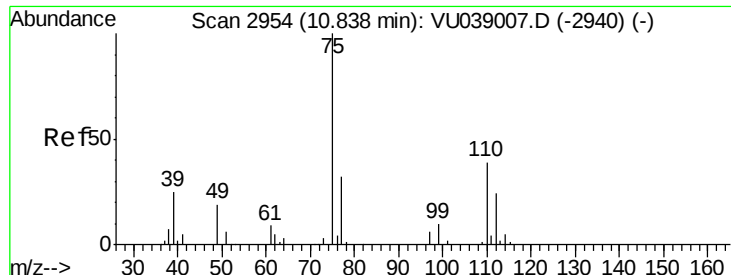
Tot Ion: 43 Resp: 13077
Ion Ratio Lower Upper
43 100
58 52.7 43.5 65.3
57 18.3 15.0 22.4
100 10.9 9.4 14.2



#49
Dibromochloromethane
Concen: 0.193 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU039029.D
Acq: 23 Jun 2020 01:06

Tgt Ion: 129 Resp: 3522
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 1.001 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039029.D

Acq: 23 Jun 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

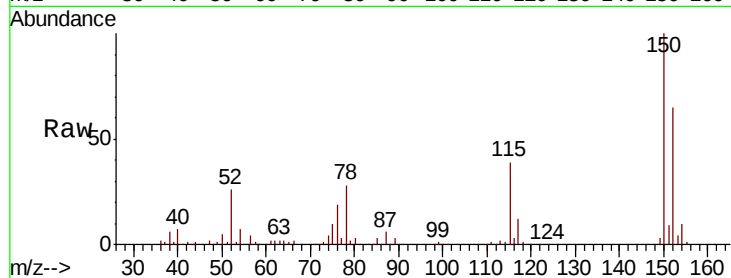
F9L45

Tot Ion: 75 Resp: 16529

Ion Ratio Lower Upper

75 100

77 36.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

