

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040393.D
 Acq On : 30 Sep 2020 12:57
 Operator : SY/MD
 Sample : L4188-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q8DL

Quant Time: Oct 01 03:07:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126551	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28208	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	28171	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	47547	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.65	46	163957	53.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	5.08	84	82082	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.72	65	45804	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.75	84	130711	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	48422	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	100412	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	17838	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	113851	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46934	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47491	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

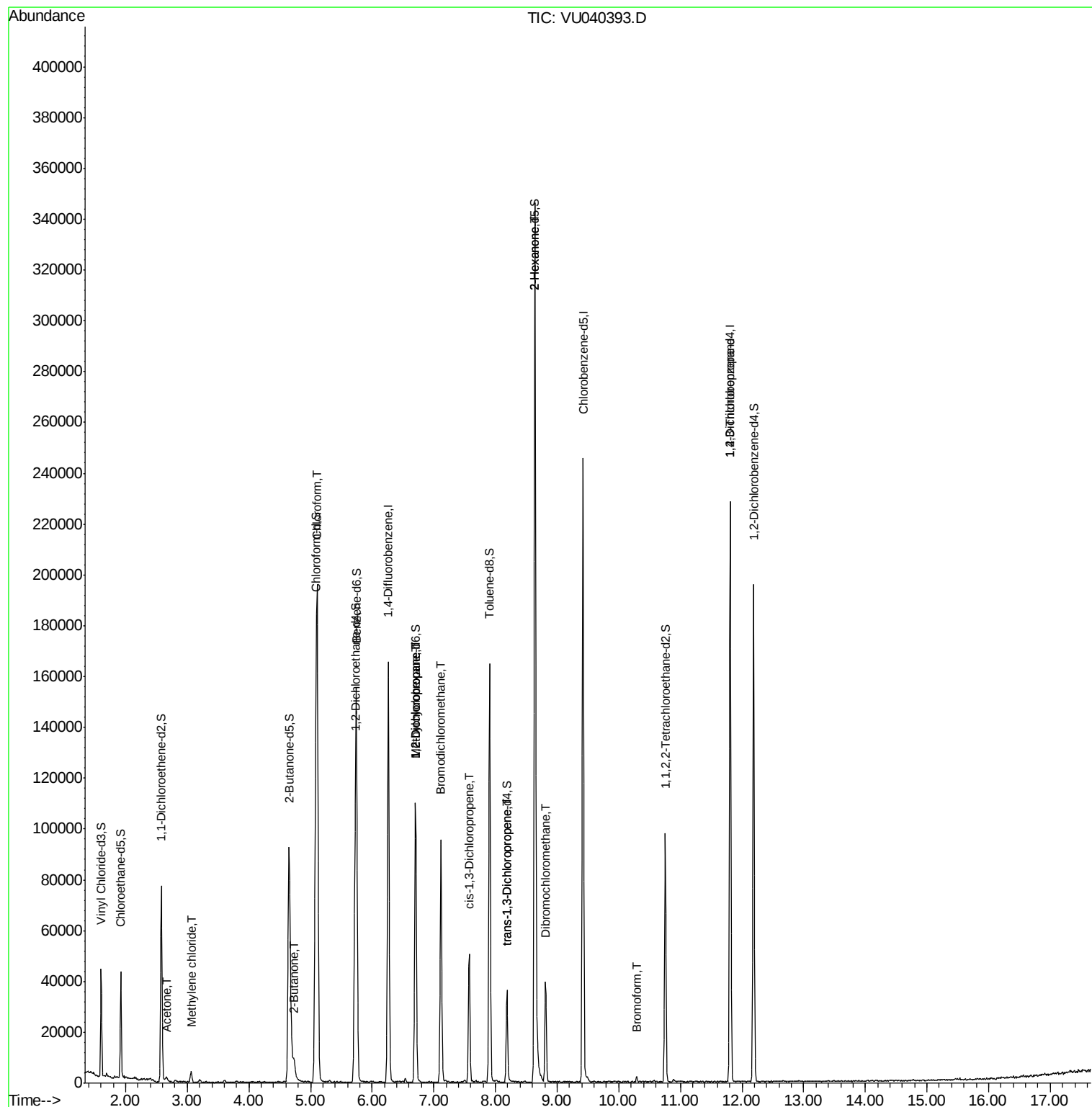
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	3392	1.337	ug/L	86
16) Methylene chloride	3.07	84	1789	0.151	ug/L	93
21) 2-Butanone	4.74	43	12434	3.052	ug/L	87
25) Chloroform	5.11	83	144662	7.085	ug/L	97
35) Methylcyclohexane	6.70	83	10704	0.648	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5762	0.488	ug/L #	88
38) Bromodichloromethane	7.11	83	60159	4.123	ug/L	99
39) cis-1,3-Dichloropropene	7.58	75	1295	0.082	ug/L	90
44) trans-1,3-Dichloropropene	8.19	75	981	0.067	ug/L #	67
48) 2-Hexanone	8.64	43	17957	2.634	ug/L #	71
49) Dibromochloromethane	8.81	129	19193	1.992	ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	7660	0.894	ug/L #	83
61) Bromoform	10.29	173	835	0.179	ug/L #	86

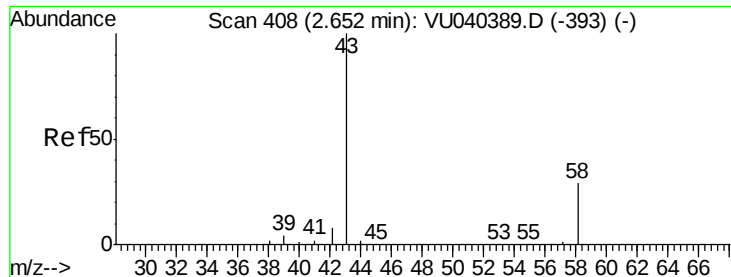
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU093020\
Data File : VU040393.D
Acq On : 30 Sep 2020 12:57
Operator : SY/MD
Sample : L4188-01DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q8DL

Quant Time: Oct 01 03:07:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.337 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

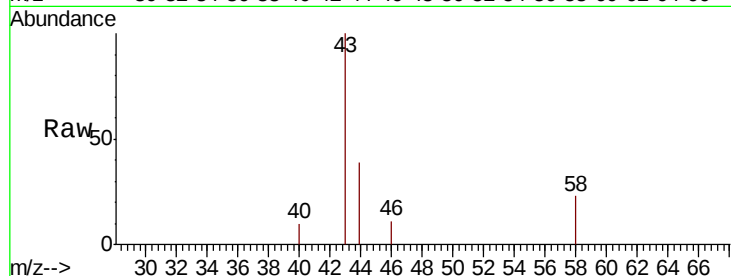
BG0Q8DL

Tot Ion: 43 Resp: 3392

Ion Ratio Lower Upper

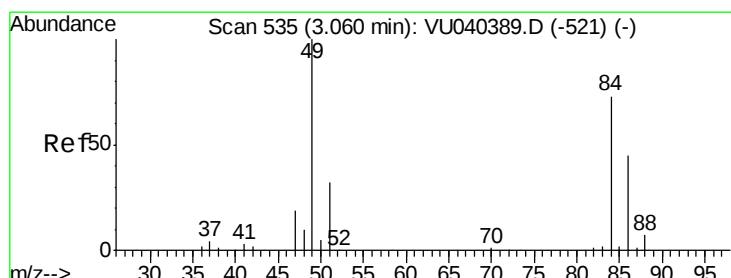
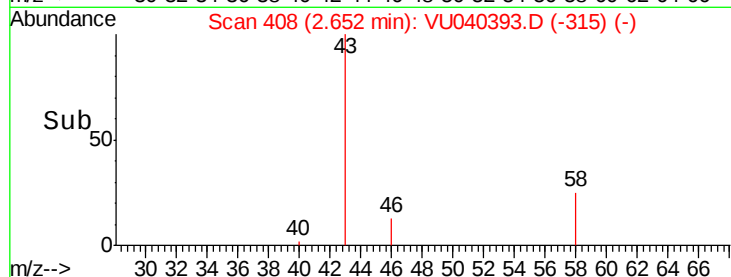
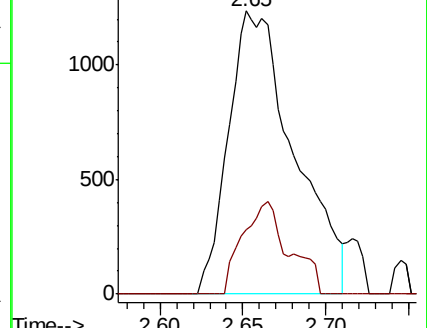
43 100

58 23.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040393.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VU040393.D (-393) (-)



#16

Methylene chloride

Concen: 0.151 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

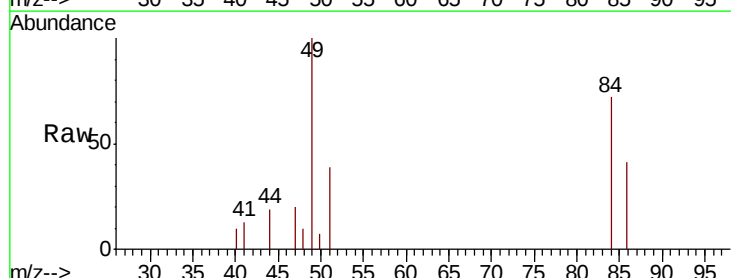
Tgt Ion: 84 Resp: 1789

Ion Ratio Lower Upper

84 100

86 56.3 44.4 82.5

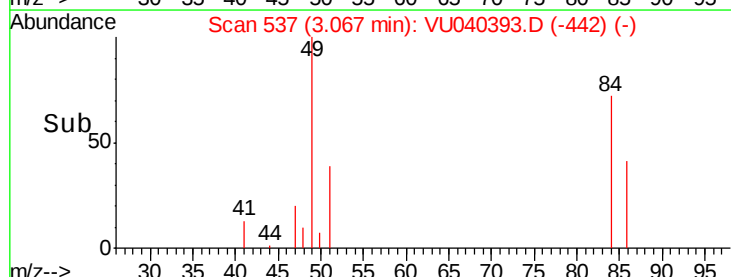
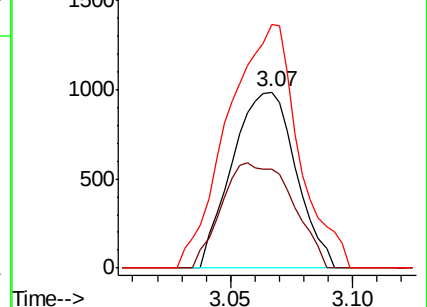
49 138.1 92.2 171.2

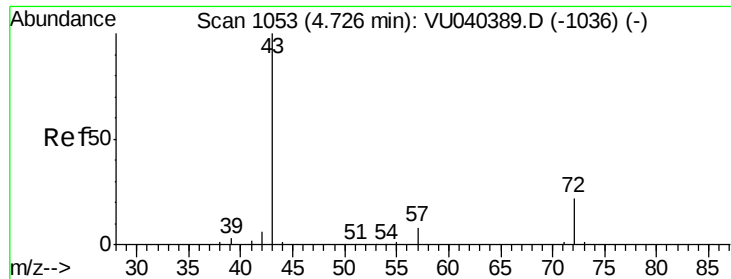


Abundance Ion 84.05 (83.75 to 84.75): VU040393.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU040393.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU040393.D (-521) (-)

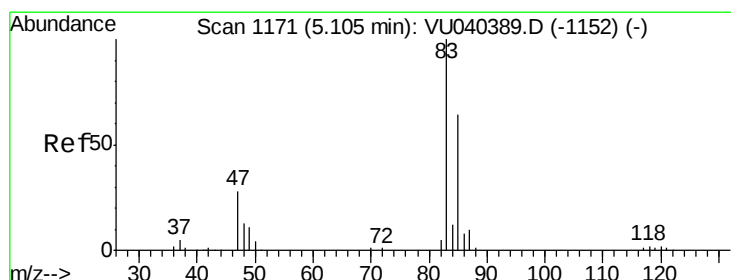
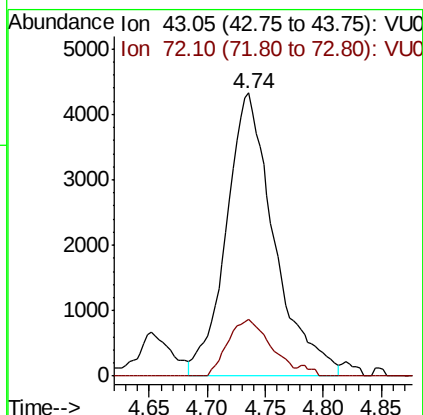
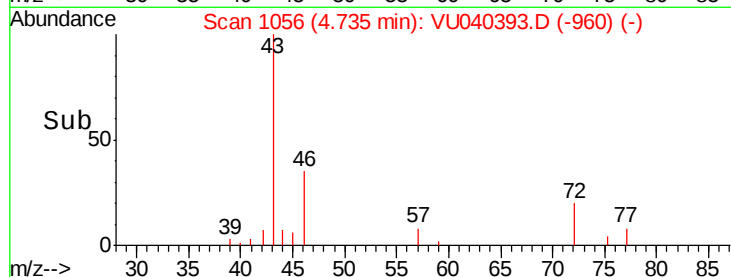
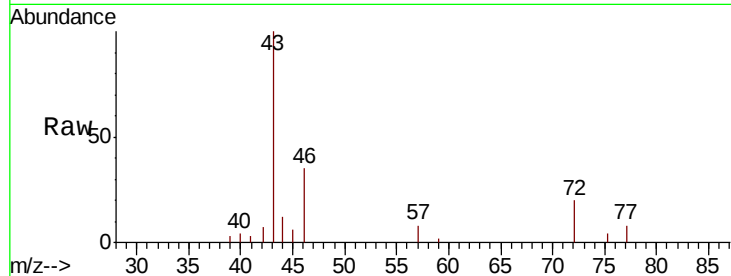




#21
2-Butanone
Concen: 3.052 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VU040393.D
Acq: 30 Sep 2020 12:57

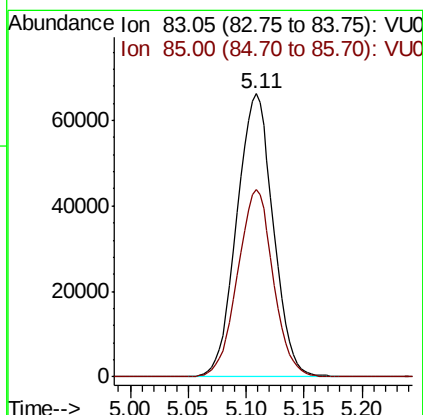
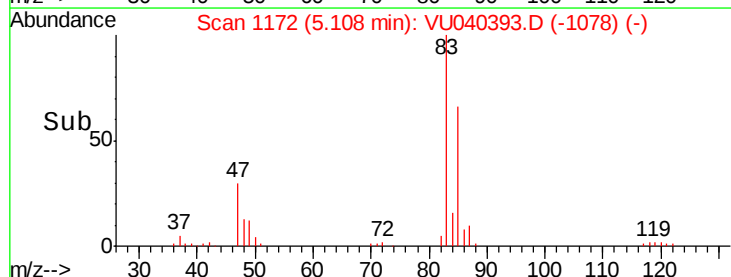
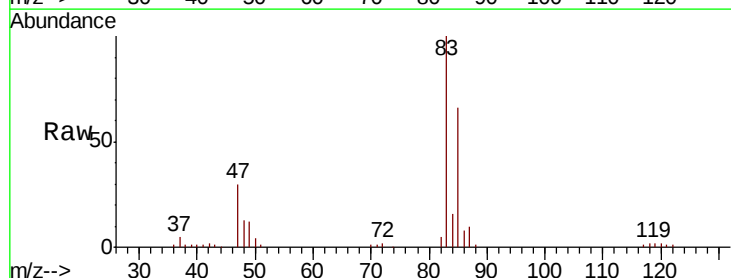
Instrument :
MSVOA_U
ClientSampleId :
BG0Q8DL

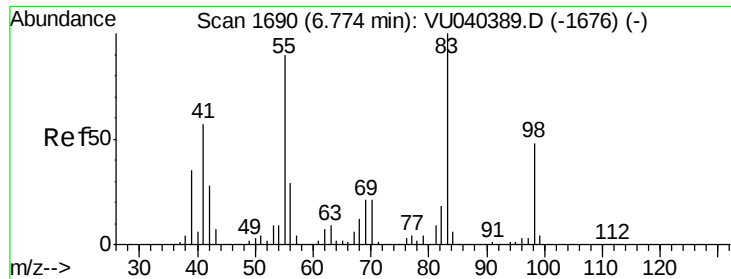
Tot Ion: 43 Resp: 12434
Ion Ratio Lower Upper
43 100
72 17.8 12.0 36.1



#25
Chloroform
Concen: 7.085 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040393.D
Acq: 30 Sep 2020 12:57

Tgt Ion: 83 Resp: 144662
Ion Ratio Lower Upper
83 100
85 66.4 44.6 82.8

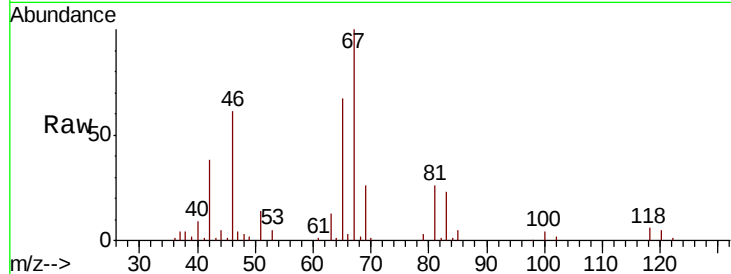




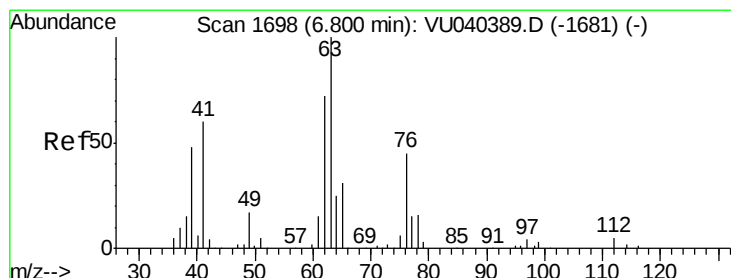
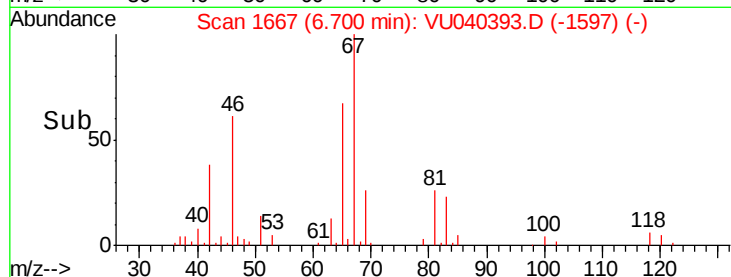
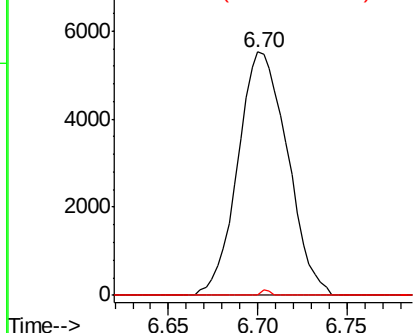
#35
Methvlcvclohexane
Concen: 0.648 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040393.D
Acq: 30 Sep 2020 12:57

Instrument :
MSVOA_U
ClientSampleId :
BG0Q8DL

Tot Ion: 83 Resp: 10704
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.4 38.5 57.7#

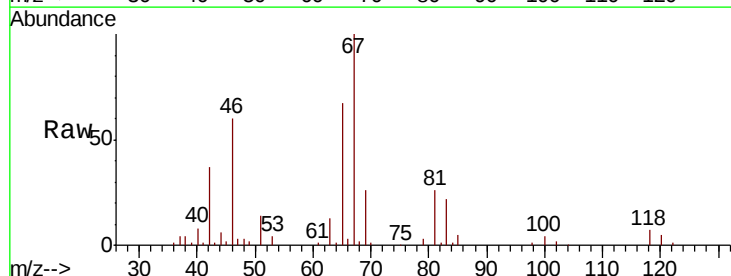


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

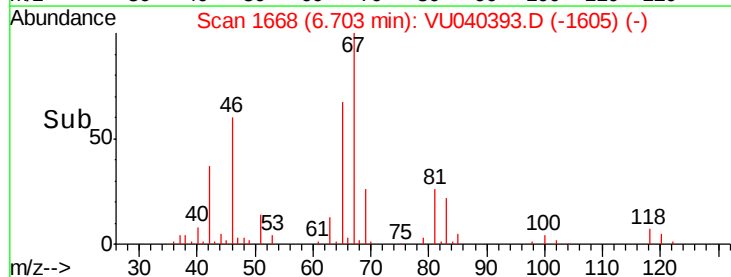
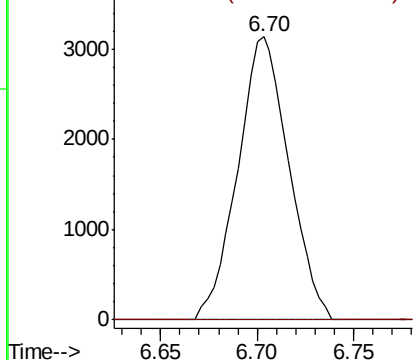


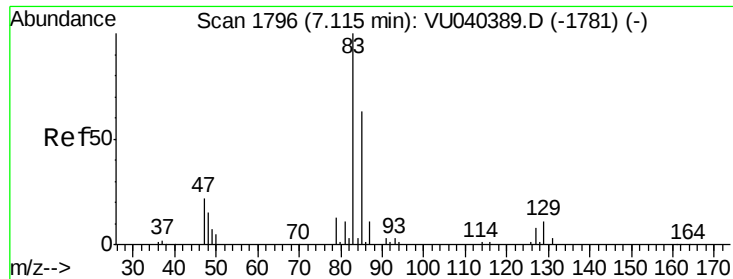
#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040393.D
Acq: 30 Sep 2020 12:57

Tgt Ion: 63 Resp: 5762
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

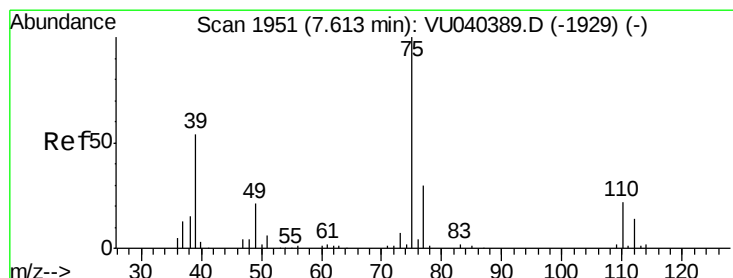
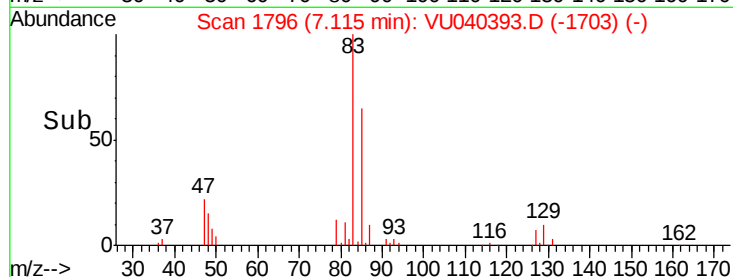
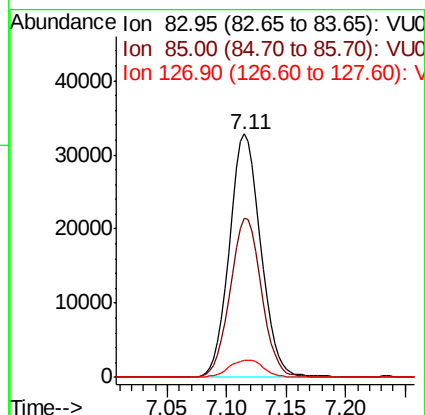
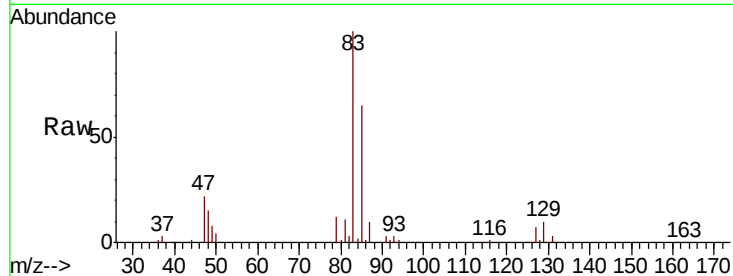




#38
 Bromodichloromethane
 Concen: 4.123 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VU040393.D
 Acq: 30 Sep 2020 12:57

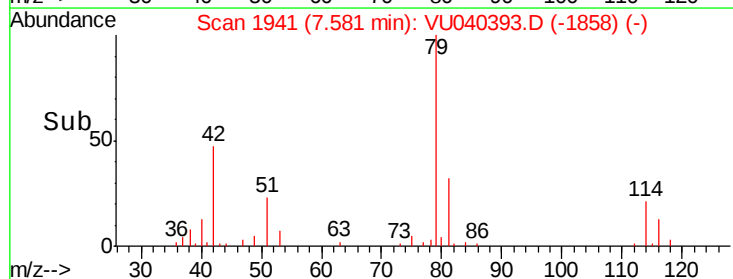
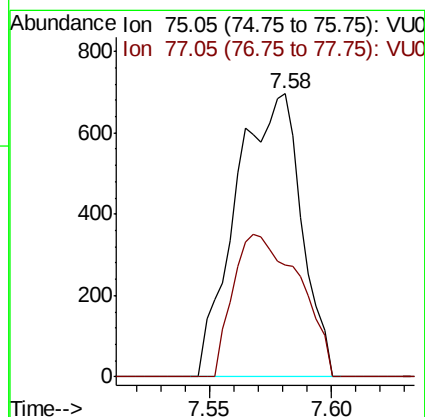
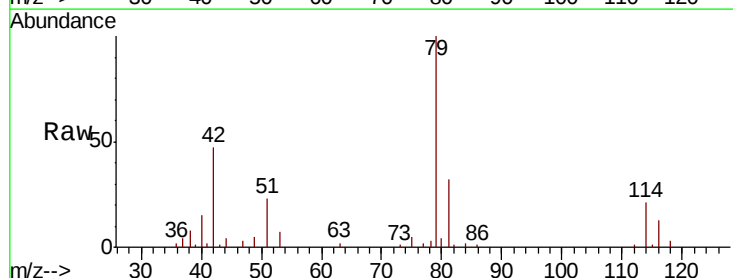
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q8DL

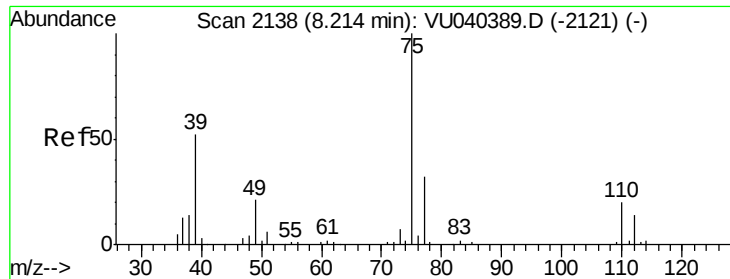
Tot Ion: 83 Resp: 60159
 Ion Ratio Lower Upper
 83 100
 85 65.5 45.1 83.9
 127 7.1 6.6 9.8



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: VU040393.D
 Acq: 30 Sep 2020 12:57

Tgt Ion: 75 Resp: 1295
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

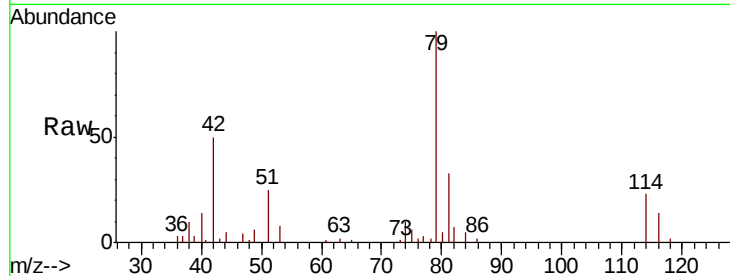
BG0Q8DL

Tot Ion: 75 Resp: 981

Ion Ratio Lower Upper

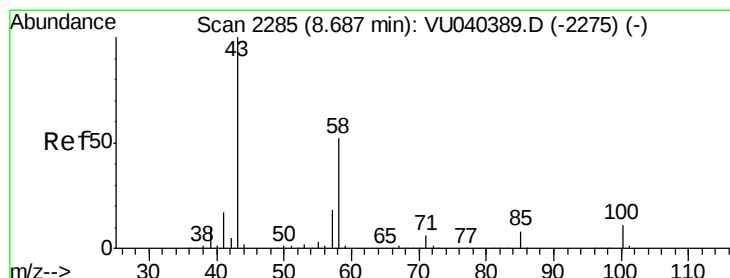
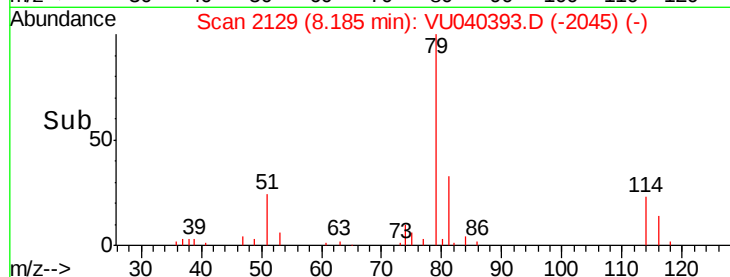
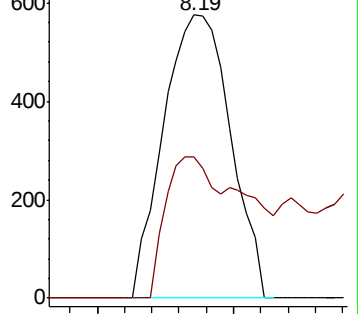
75 100

77 49.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.634 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

Tgt Ion: 43 Resp: 17957

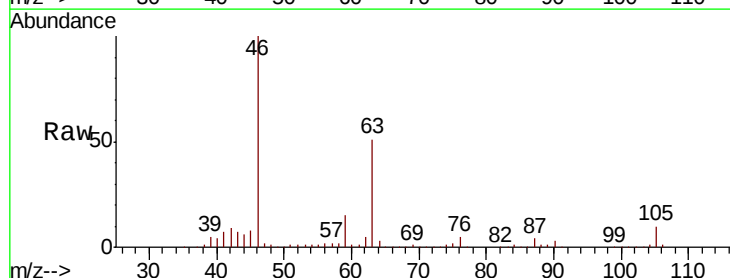
Ion Ratio Lower Upper

43 100

58 26.8 41.0 61.4#

57 25.7 14.6 22.0#

100 1.0 8.2 12.4#

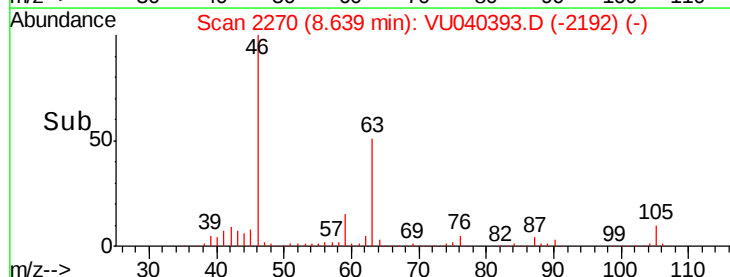
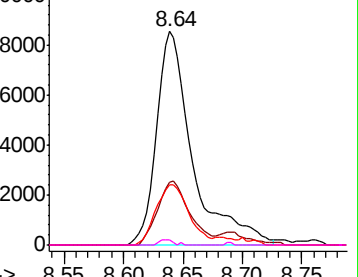


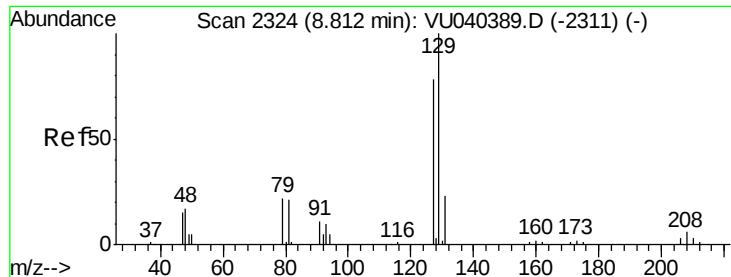
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 1.992 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

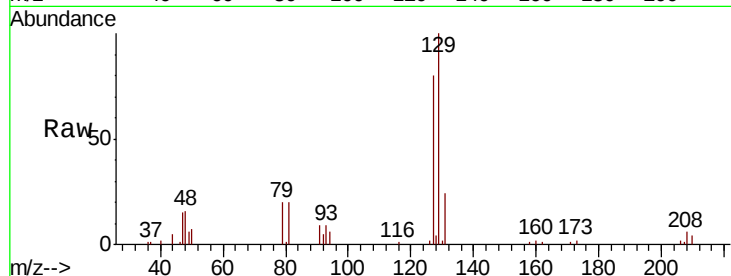
BG0Q8DL

Tot Ion:129 Resp: 19193

Ion Ratio Lower Upper

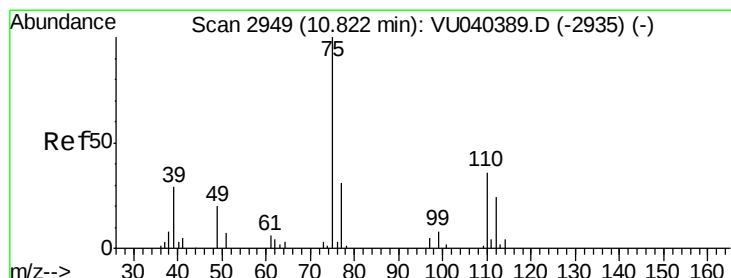
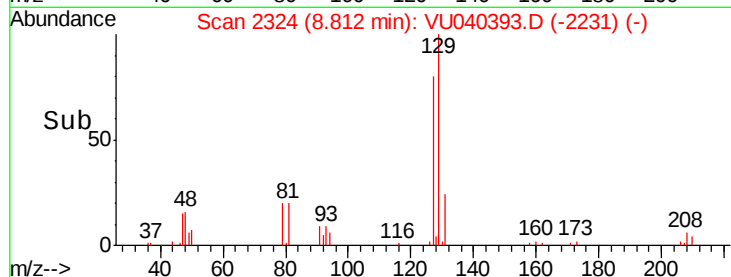
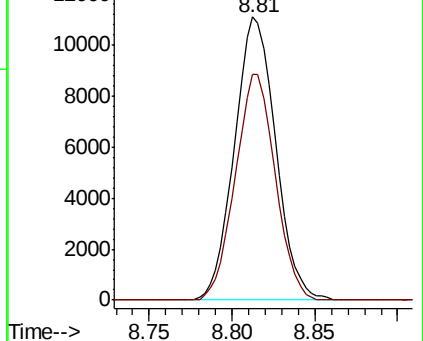
129 100

127 80.0 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.894 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040393.D

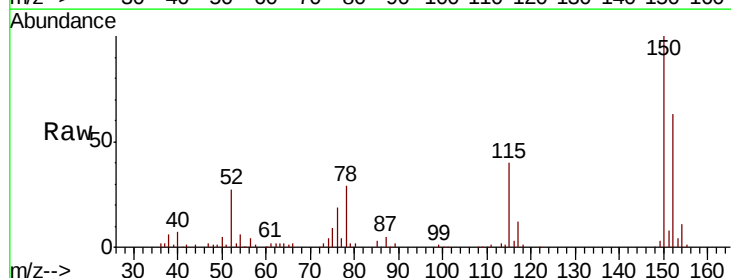
Acq: 30 Sep 2020 12:57

Tgt Ion: 75 Resp: 7660

Ion Ratio Lower Upper

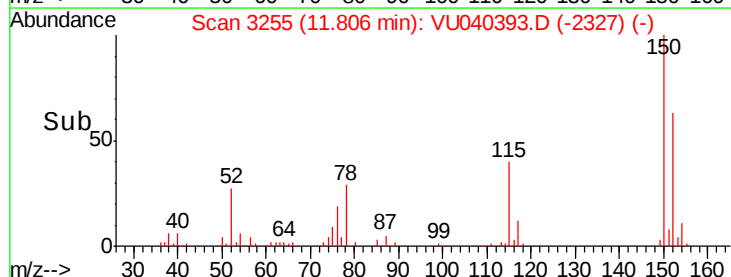
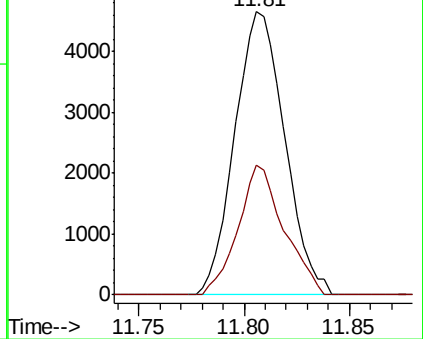
75 100

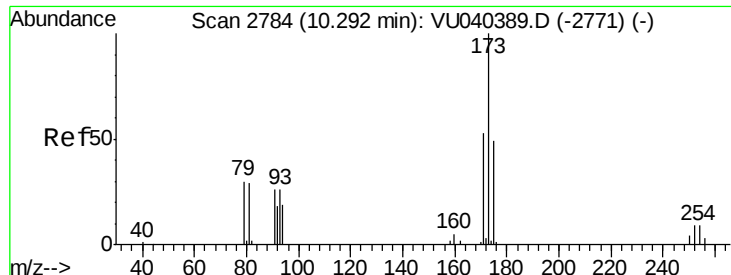
77 41.8 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.179 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040393.D

Acq: 30 Sep 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

BG0Q8DL

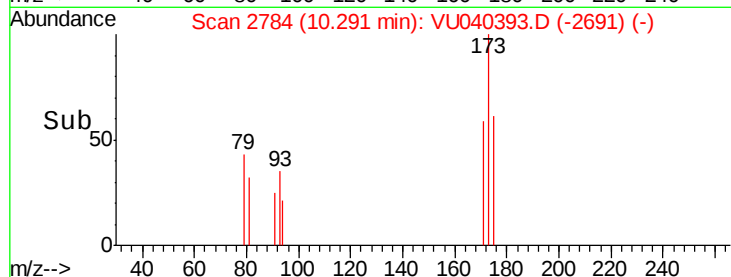
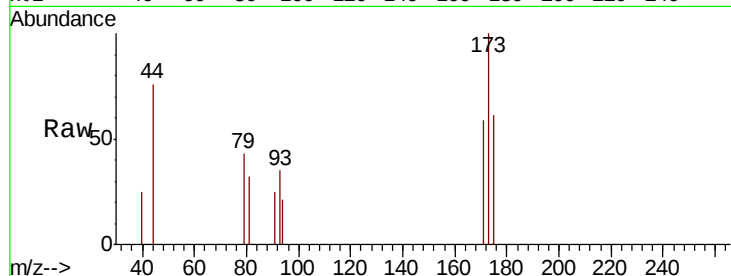
Tot Ion:173 Resp: 835

Ion Ratio Lower Upper

173 100

175 57.6 39.6 59.4

254 0.0 7.0 10.4#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

