

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040883.D
 Acq On : 21 Oct 2020 19:27
 Operator : SY/MD
 Sample : L4428-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50

Quant Time: Oct 22 00:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	224113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	230221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	99301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	72203	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	64822	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	111583	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	342138	62.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.44%
24) Chloroform-d	5.08	84	159071	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	102574	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.74	84	285286	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	100803	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	221027	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	38879	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	249726	60.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	95120	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	93029	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

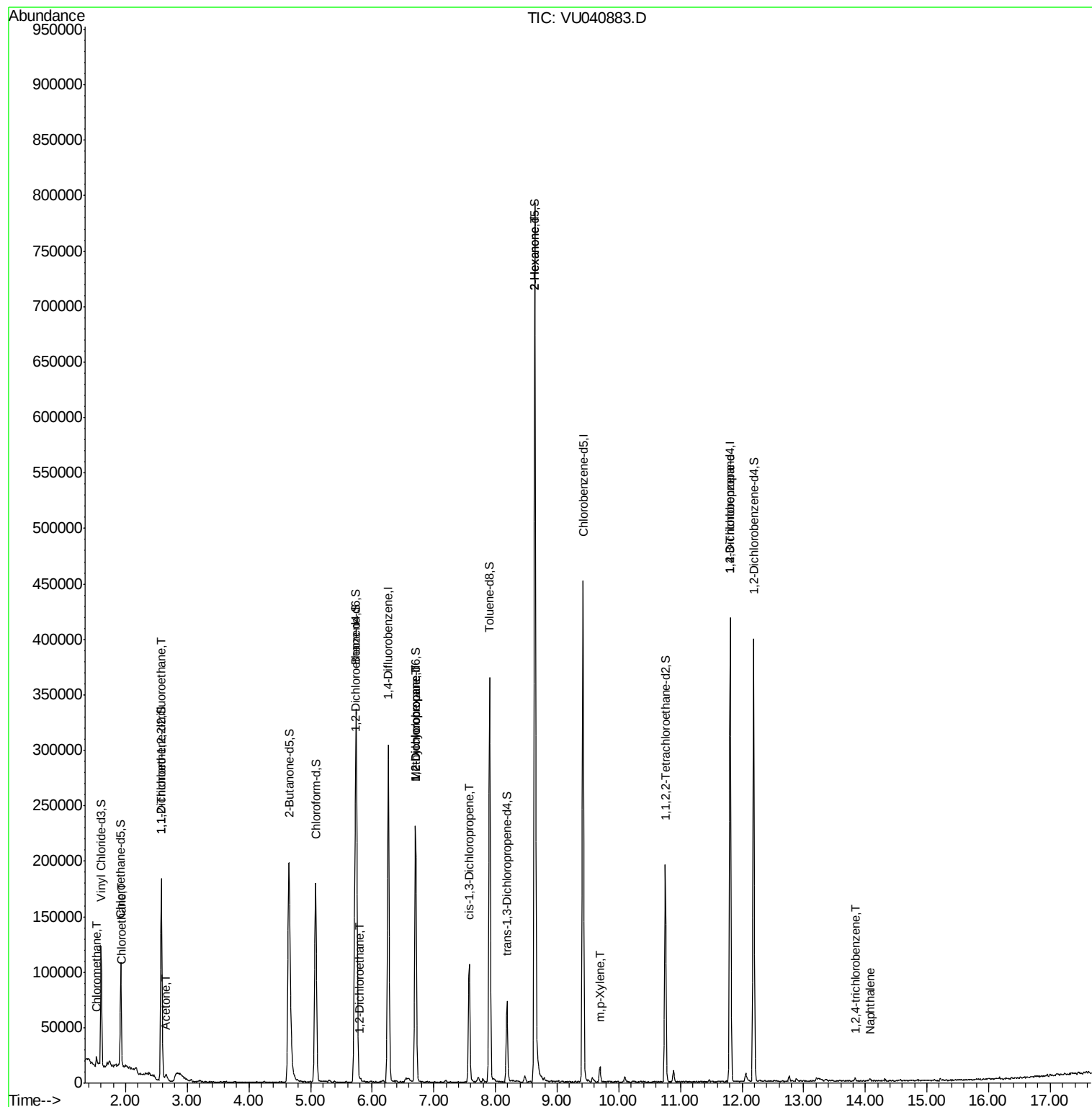
					Ovalue
3) Chloromethane	1.53	50	4808	0.195	ug/L 100
8) Chloroethane	1.94	64	859	0.058	ug/L # 65
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1054	0.060	ug/L # 21
13) Acetone	2.66	43	10022	2.614	ug/L 98
27) 1,2-Dichloroethane	5.81	62	1047	0.044	ug/L # 76
35) Methylcyclohexane	6.71	83	23380	0.829	ug/L # 15
37) 1,2-Dichloropropane	6.70	63	11962	0.599	ug/L # 89
39) cis-1,3-Dichloropropene	7.57	75	2810	0.105	ug/L # 57
48) 2-Hexanone	8.64	43	34568	3.544	ug/L # 69
53) m,p-Xylene	9.69	106	3562	0.124	ug/L 97
59) 1,2,3-Trichloropropane	11.81	75	14135	1.088	ug/L 96
68) 1,2,4-trichlorobenzene	13.83	180	791	0.041	ug/L # 82
69) Naphthalene	14.08	128	1649	0.046	ug/L # 85

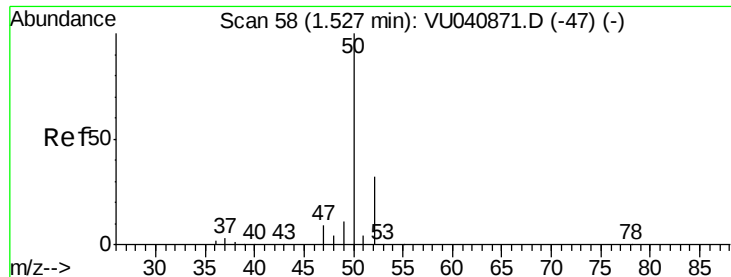
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

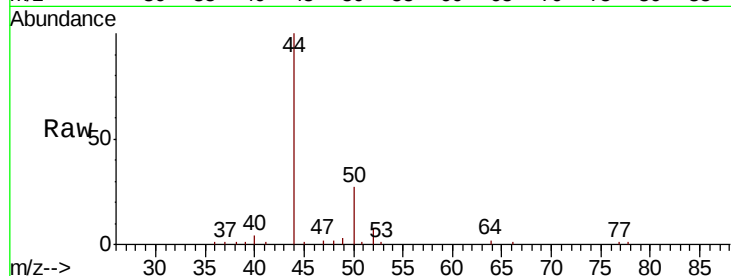
ETZ50

Tot Ion: 50 Resp: 4808

Ion Ratio Lower Upper

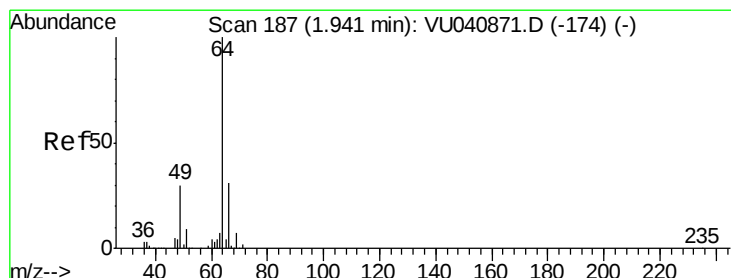
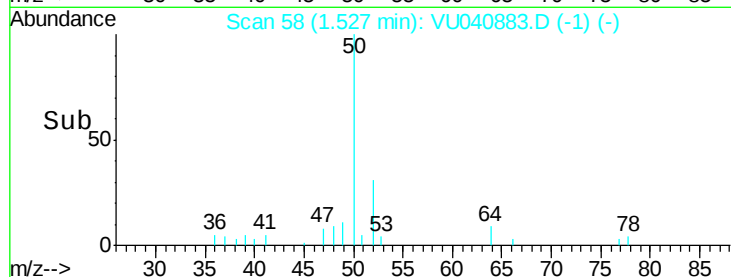
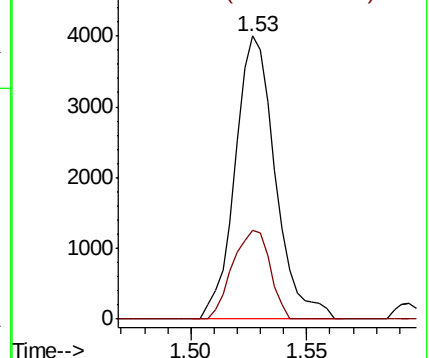
50 100

52 31.2 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VU040883.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040883.D (-1) (-)



#8

Chloroethane

Concen: 0.058 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040883.D

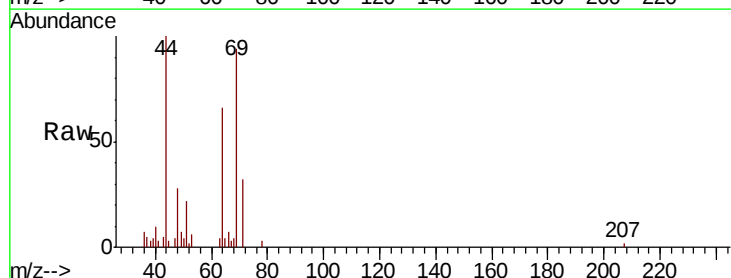
Acq: 21 Oct 2020 19:27

Tgt Ion: 64 Resp: 859

Ion Ratio Lower Upper

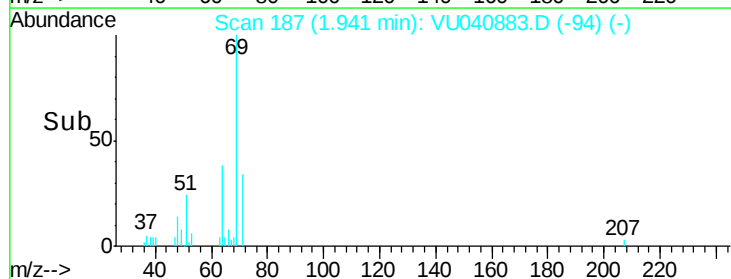
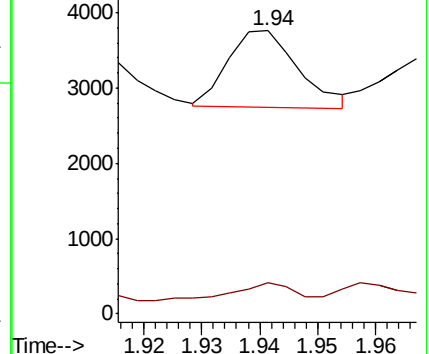
64 100

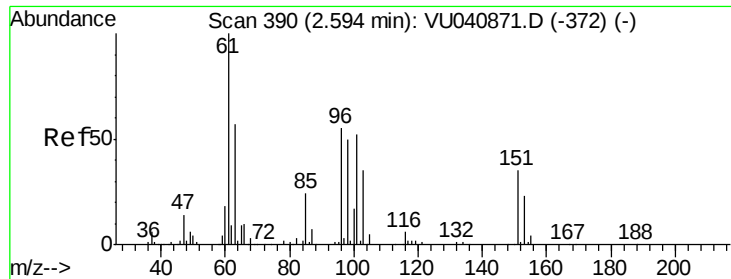
66 11.1 21.2 39.4#



Abundance Ion 64.10 (63.80 to 64.80): VU040883.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU040883.D (-94) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.060 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

Instrument :

MSVOA_U

ClientSampled :

ETZ50

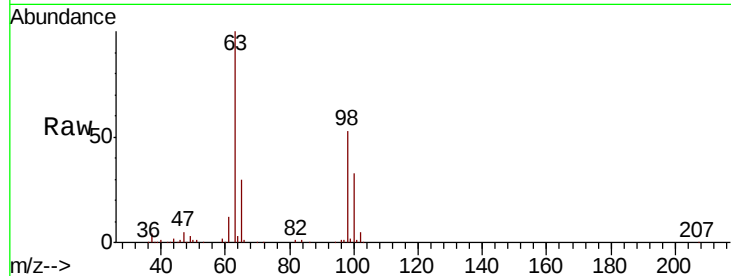
Tot Ion:101 Resp: 1054

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

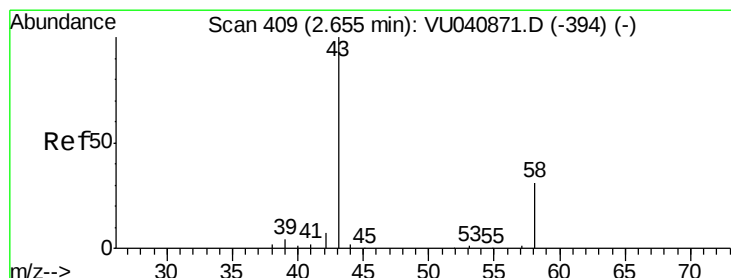
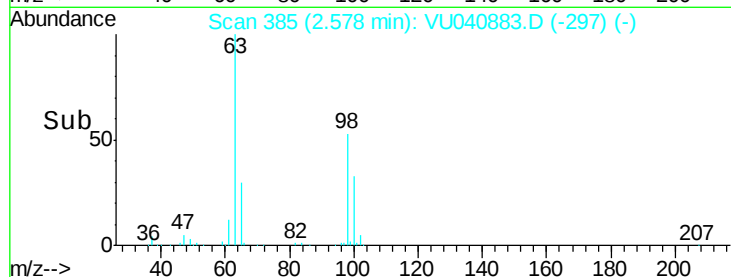
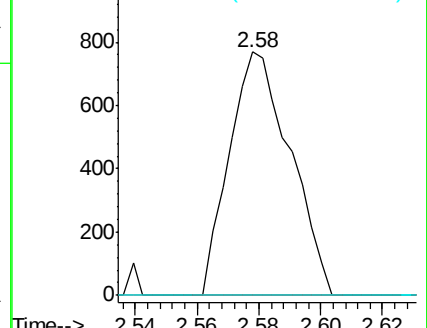
151 0.0 56.3 84.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.614 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040883.D

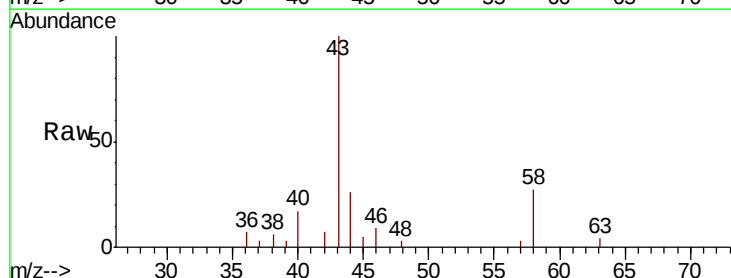
Acq: 21 Oct 2020 19:27

Tgt Ion: 43 Resp: 10022

Ion Ratio Lower Upper

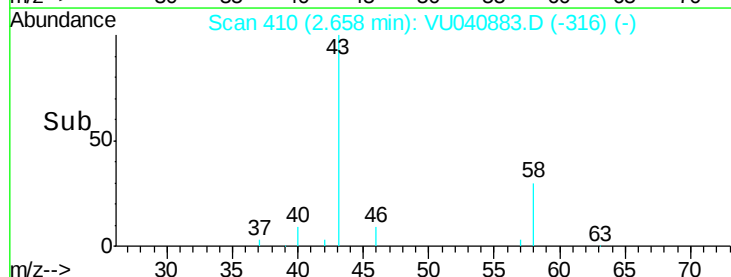
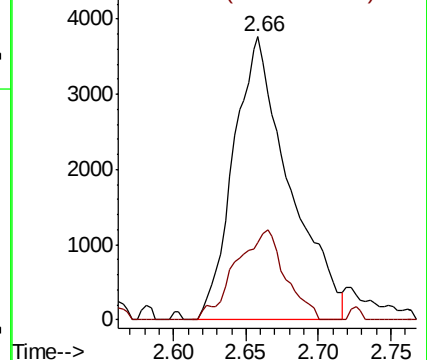
43 100

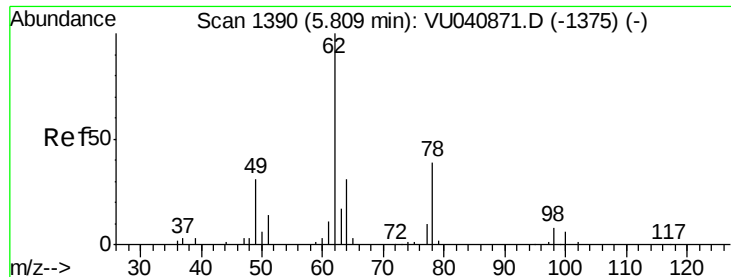
58 28.3 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#27

1,2-Dichloroethane

Concen: 0.044 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

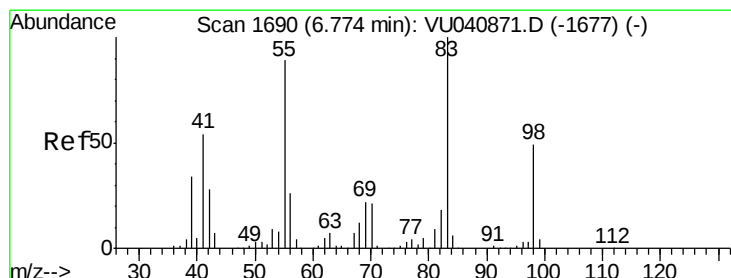
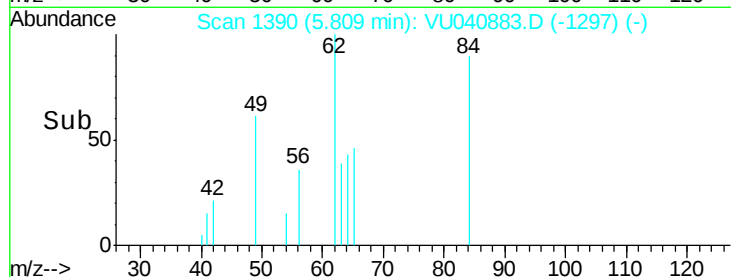
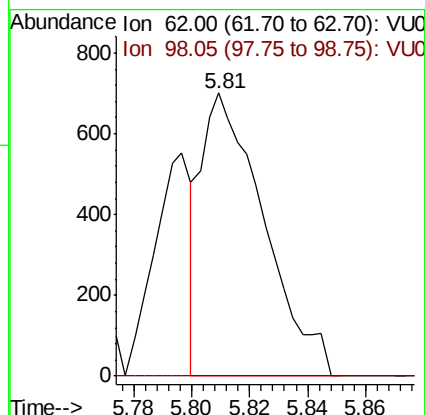
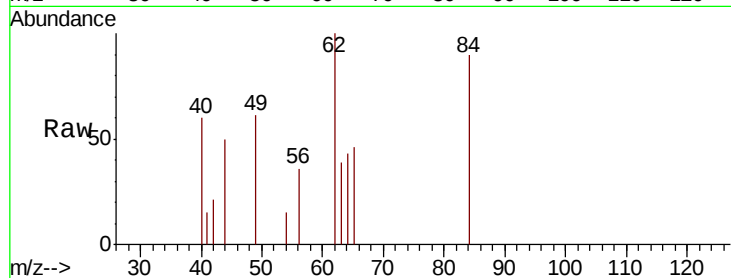
ETZ50

Tot Ion: 62 Resp: 1047

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

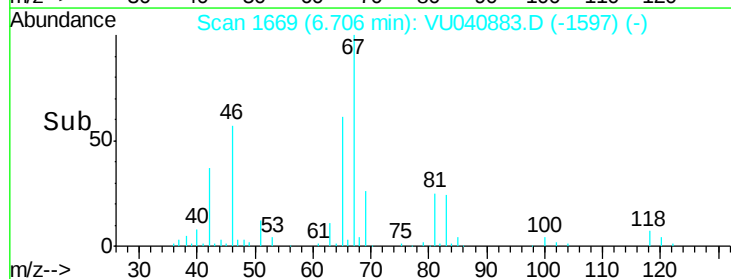
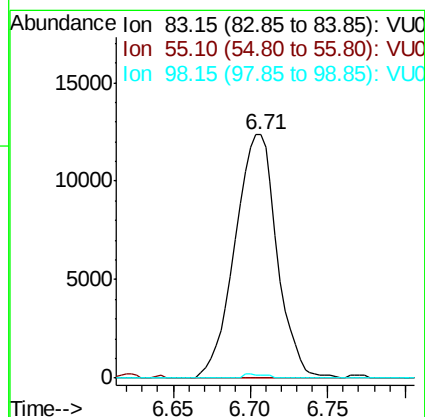
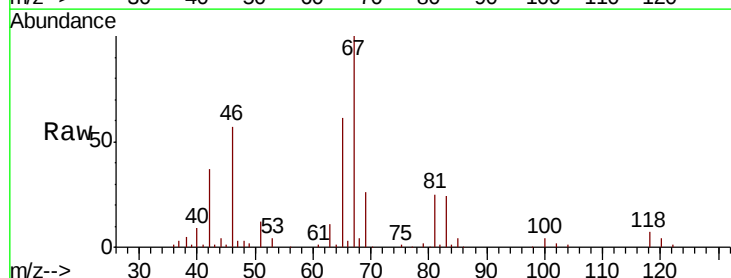
Tgt Ion: 83 Resp: 23380

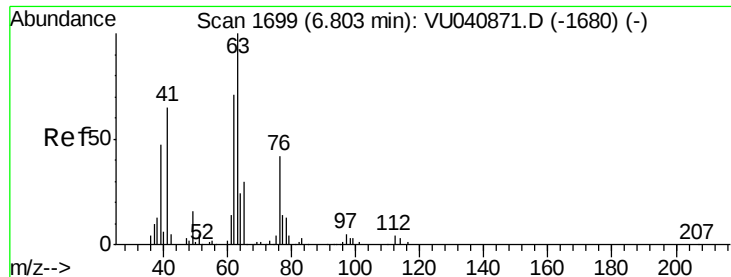
Ion Ratio Lower Upper

83 100

55 0.2 69.1 103.7#

98 0.8 37.8 56.6#

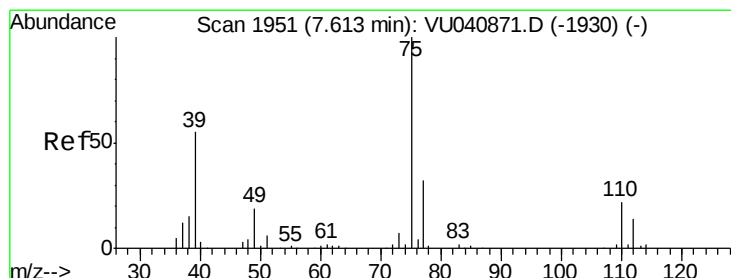
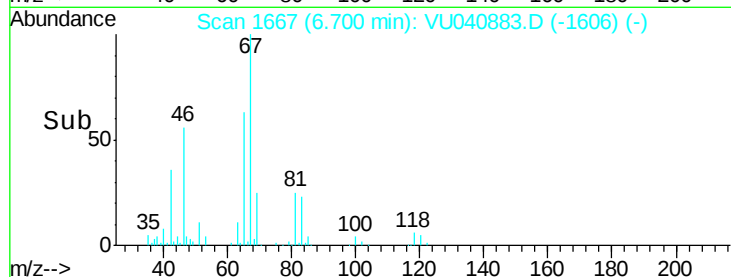
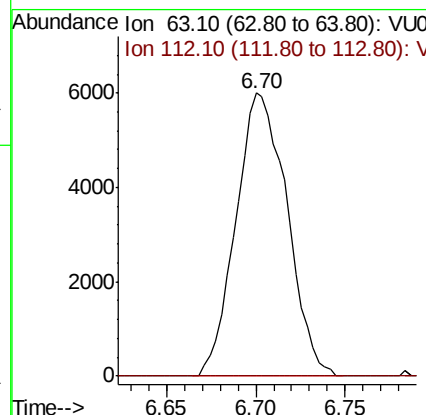
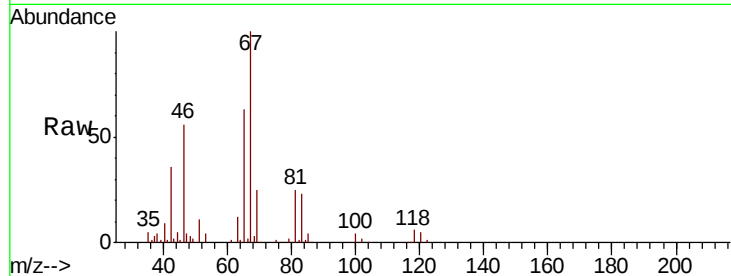




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040883.D
 Acq: 21 Oct 2020 19:27

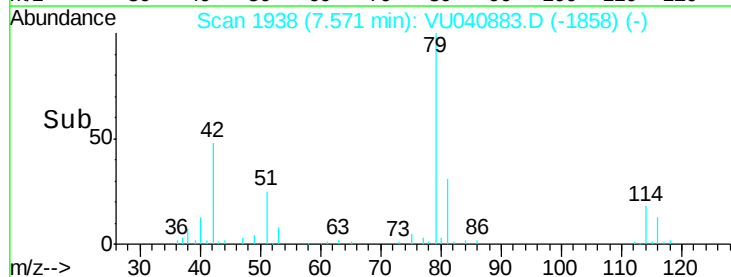
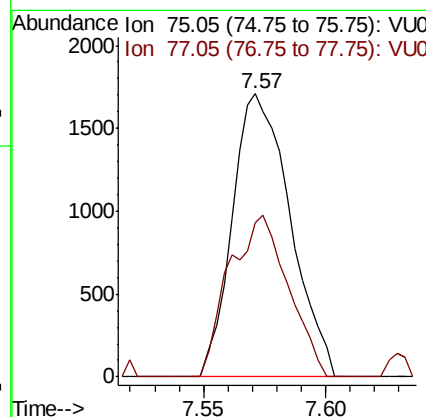
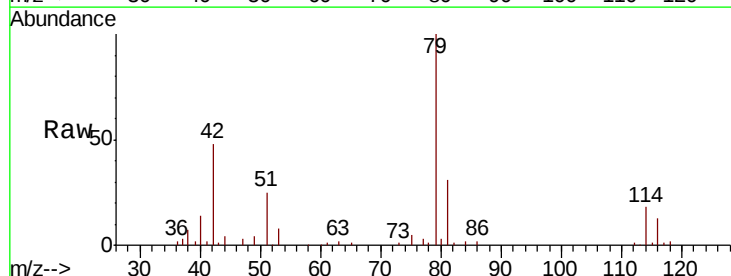
Instrument :
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 ClientSampleId :
 ETZ50

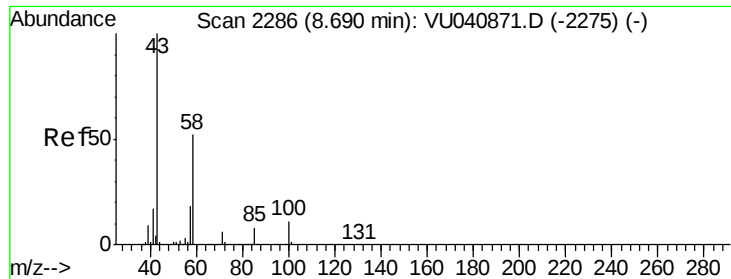
Tot Ion: 63 Resp: 11962
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040883.D
 Acq: 21 Oct 2020 19:27

Tgt Ion: 75 Resp: 2810
 Ion Ratio Lower Upper
 75 100
 77 54.3 21.6 40.2#

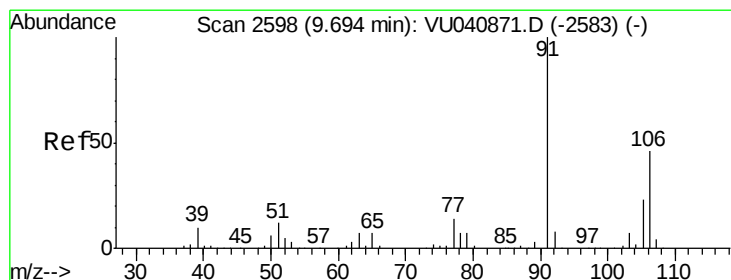
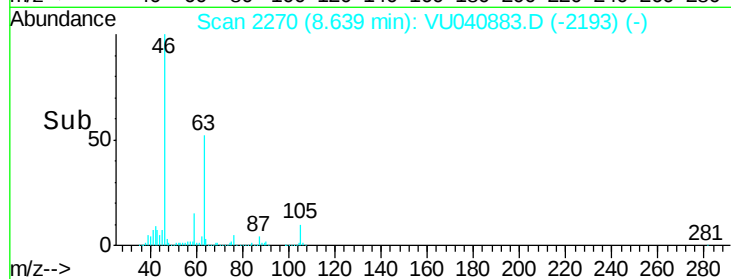
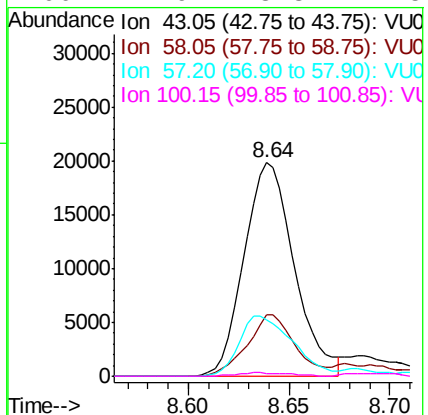
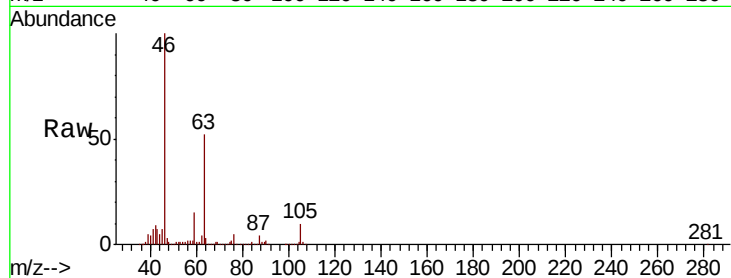




#48
2-Hexanone
Concen: 3.544 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040883.D
Acq: 21 Oct 2020 19:27

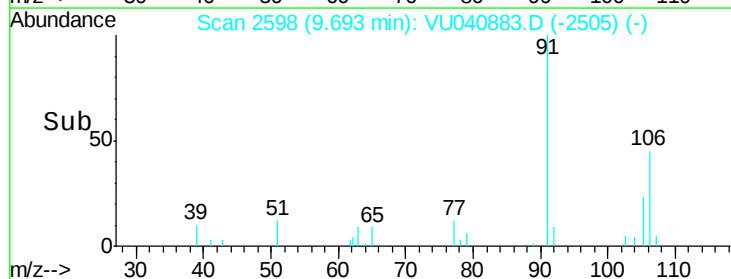
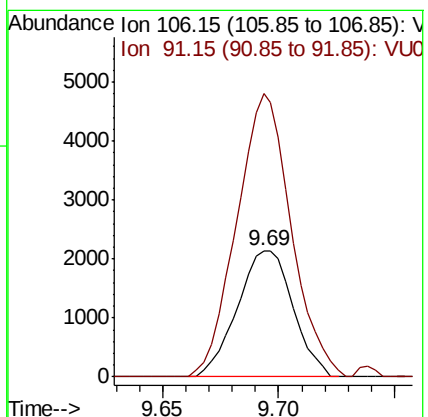
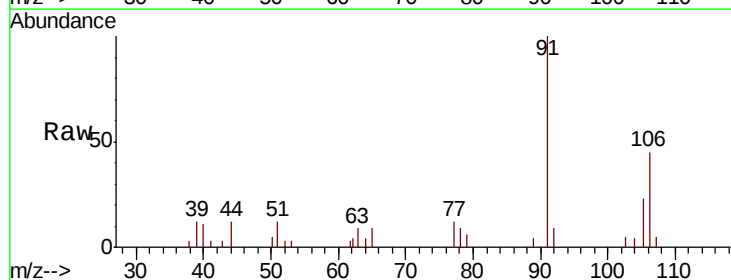
Instrument :
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ClientSampleId :
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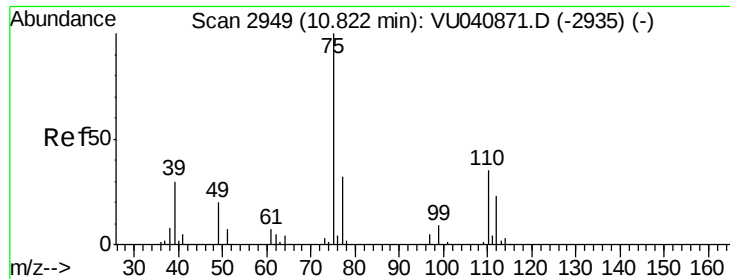
Tot Ion: 43 Resp: 34568
Ion Ratio Lower Upper
43 100
58 27.2 40.9 61.3#
57 29.8 14.4 21.6#
100 1.9 8.3 12.5#



#53
m,p-Xylene
Concen: 0.124 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040883.D
Acq: 21 Oct 2020 19:27

Tgt Ion: 106 Resp: 3562
Ion Ratio Lower Upper
106 100
91 223.7 153.3 284.7





#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

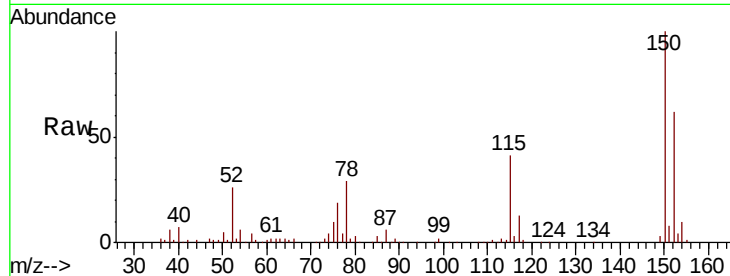
ETZ50

Tot Ion: 75 Resp: 14135

Ion Ratio Lower Upper

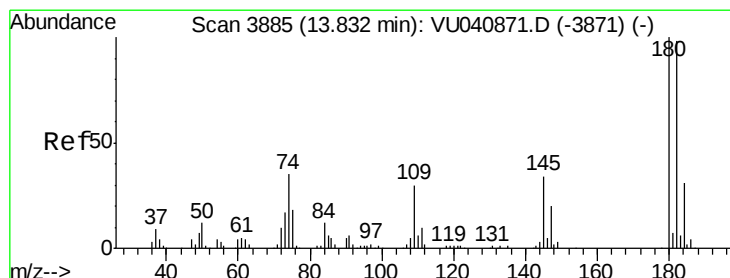
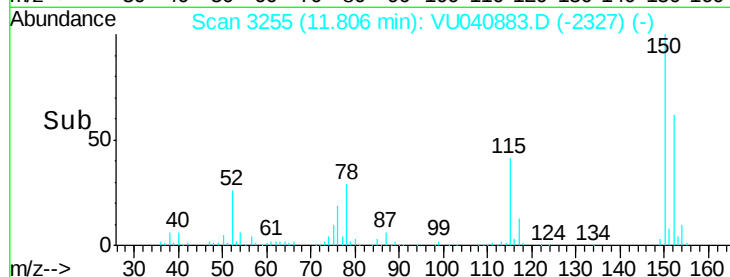
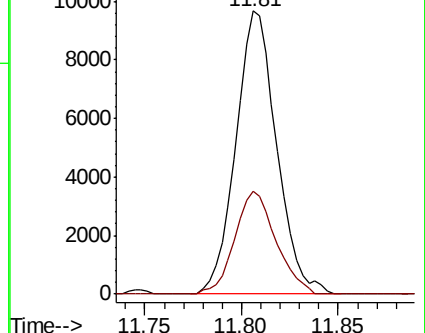
75 100

77 36.6 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU040883.D (-3255) (-)

Ion 77.00 (76.70 to 77.70): VU040883.D (-3255) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.041 ug/L

RT: 13.83 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

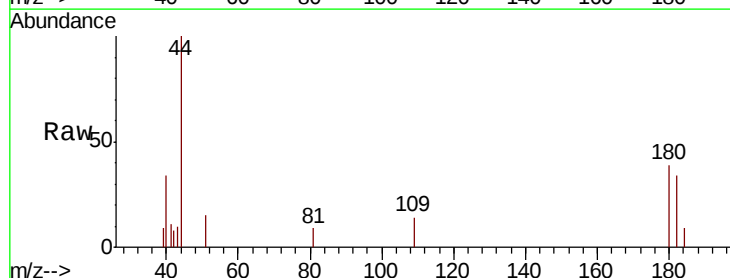
Tgt Ion: 180 Resp: 791

Ion Ratio Lower Upper

180 100

182 80.5 76.4 114.6

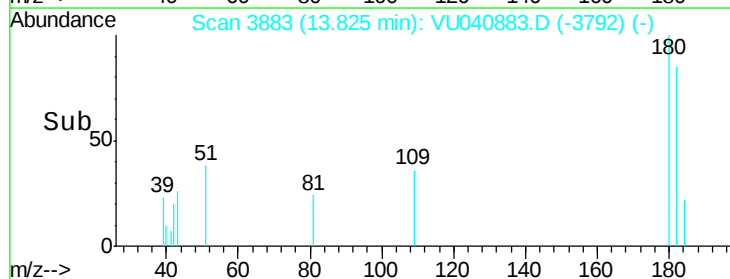
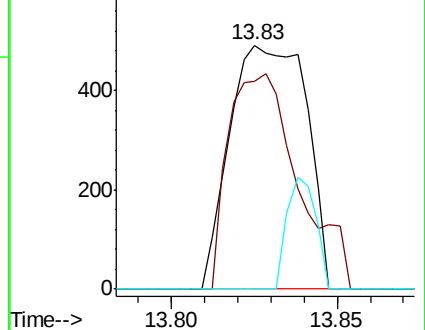
145 17.4 26.2 39.2#

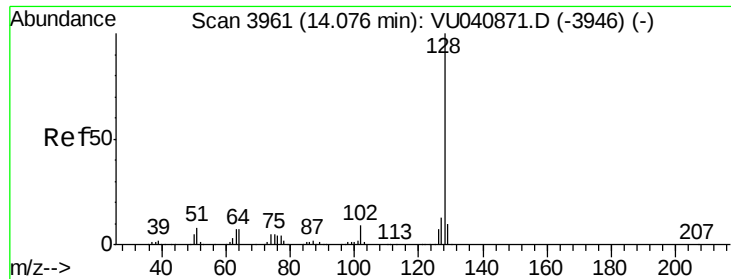


Abundance Ion 179.90 (179.60 to 180.60): VU040883.D (-3883) (-)

Ion 182.00 (181.70 to 182.70): VU040883.D (-3883) (-)

Ion 144.95 (144.65 to 145.65): VU040883.D (-3883) (-)





#69

Naphthalene

Concen: 0.046 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040883.D

Acq: 21 Oct 2020 19:27

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ETZ50

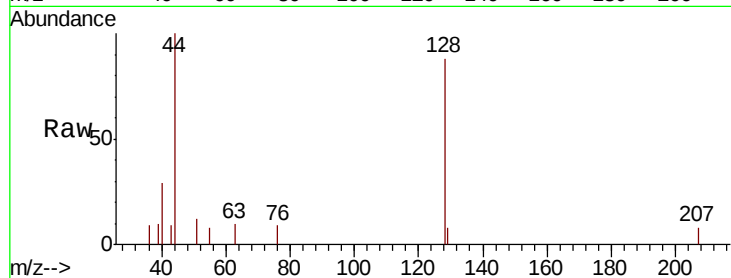
Tot Ion:128 Resp: 1649

Ion Ratio Lower Upper

128 100

129 2.6 8.9 13.3#

127 9.2 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

