

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041244.D
 Acq On : 16 Nov 2020 13:47
 Operator : SY/MD
 Sample : L4727-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC5

Quant Time: Nov 16 14:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24533	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	21918	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	36580	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.65	46	99529	44.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.38%
24) Chloroform-d	5.08	84	51279	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	32994	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.74	84	90929	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	32286	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	72048	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	12127	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	66339	43.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28897	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29894	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

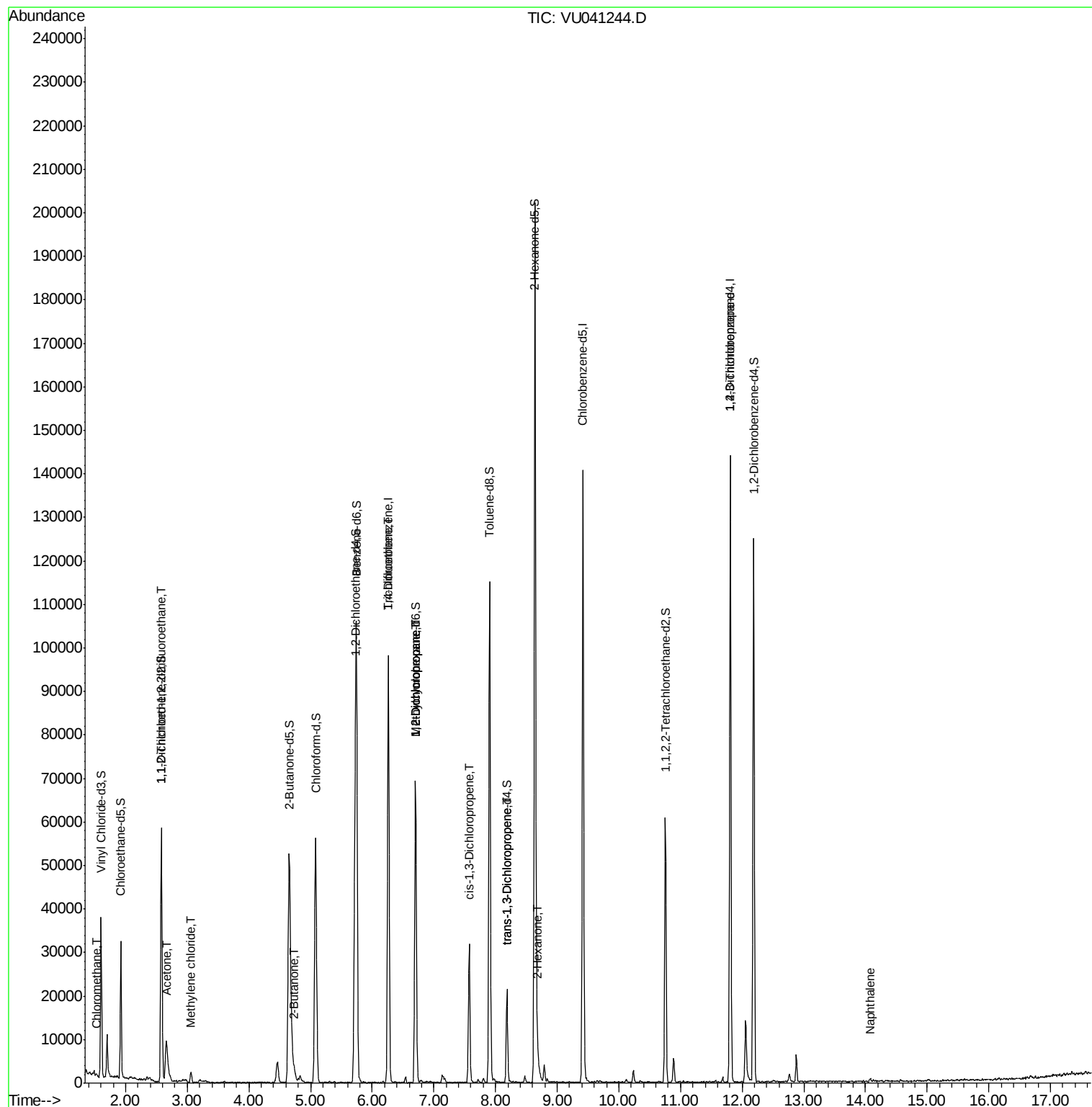
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	302	0.046	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	251	0.046	ug/L #	22
13) Acetone	2.66	43	19474	13.181	ug/L #	62
16) Methylene chloride	3.06	84	711	0.119	ug/L	97
21) 2-Butanone	4.74	43	2416	1.077	ug/L	79
34) Trichloroethene	6.26	95	1280	0.244	ug/L #	7
35) Methylcyclohexane	6.70	83	6941	0.995	ug/L #	16
37) 1,2-Dichloropropane	6.71	63	3591	0.632	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	930	0.117	ug/L	91
44) trans-1,3-Dichloropropene	8.19	75	636	0.085	ug/L #	77
48) 2-Hexanone	8.68	43	2820	0.804	ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	4465	0.997	ug/L #	85
69) Naphthalene	14.08	128	989	0.097	ug/L #	69

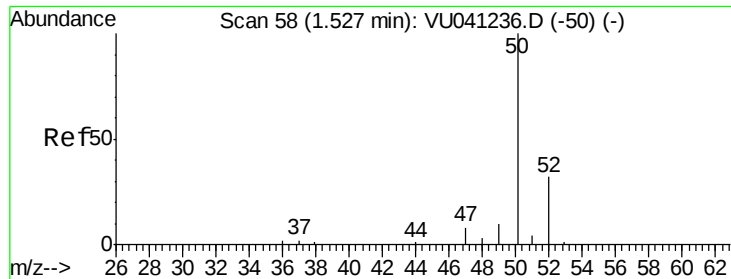
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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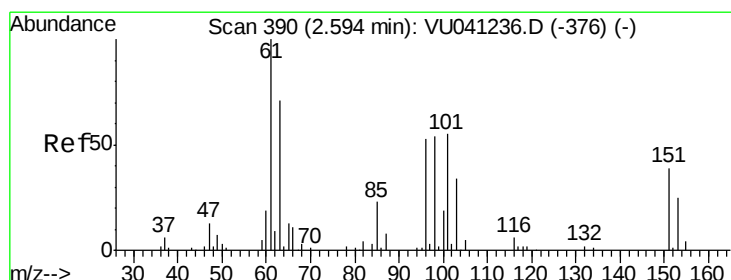
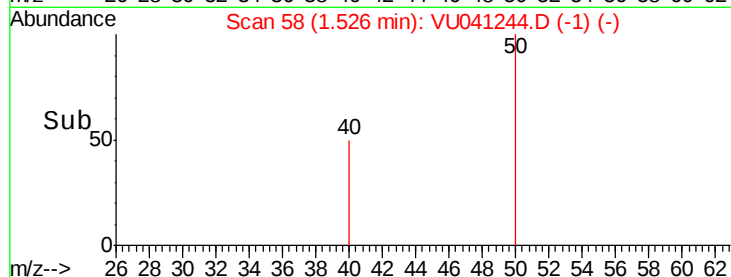
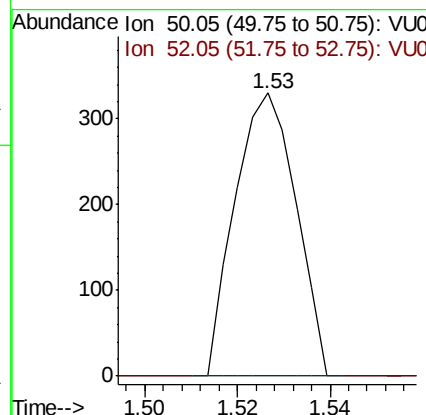
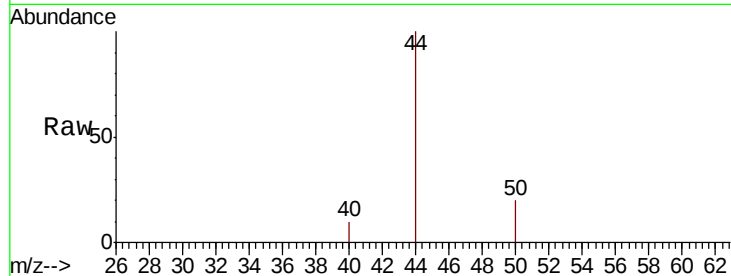




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

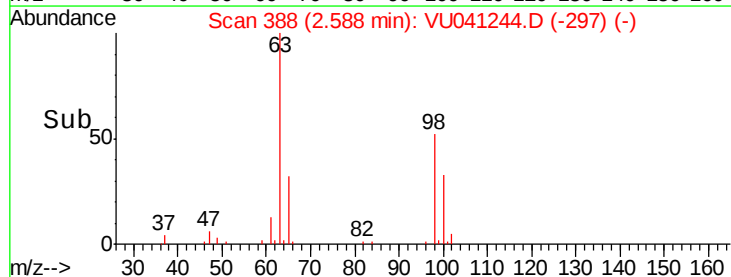
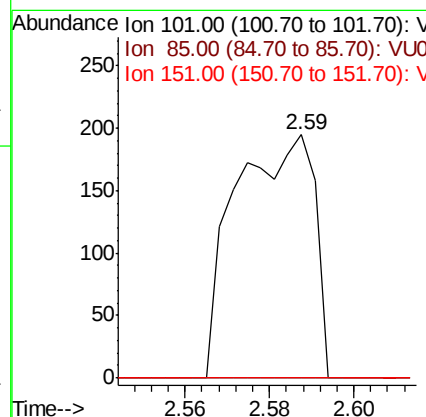
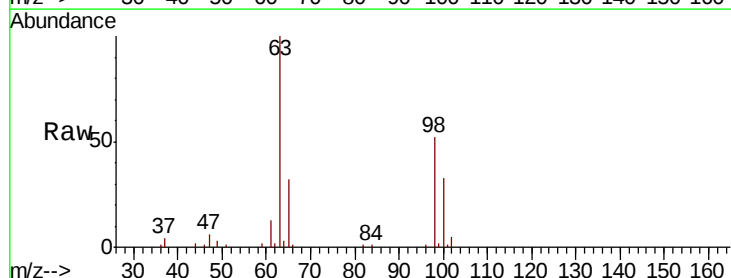
Instrument :
MSVOA_U
ClientSampled :
C0AC5

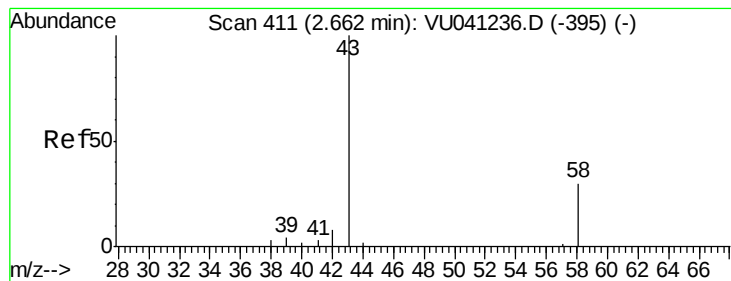
Tot Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

Tgt Ion:101 Resp: 251
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 0.0 55.3 82.9#





#13

Acetone

Concen: 13.181 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041244.D

Acq: 16 Nov 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

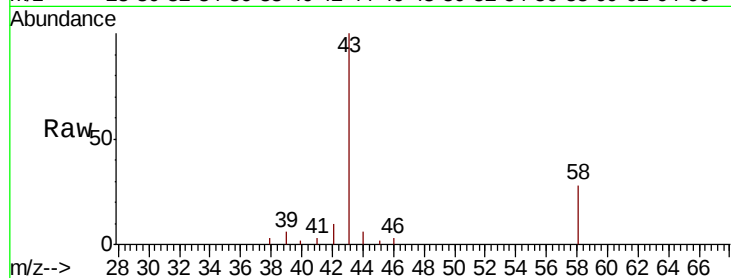
C0AC5

Tot Ion: 43 Resp: 19474

Ion Ratio Lower Upper

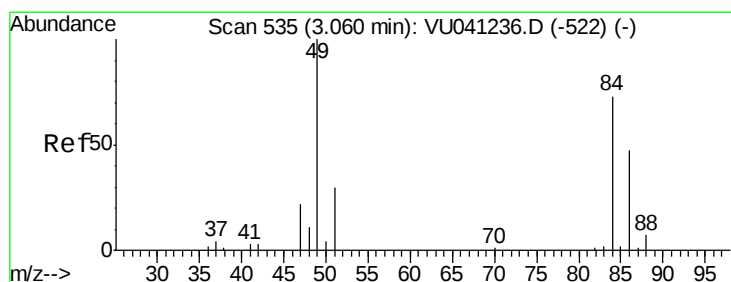
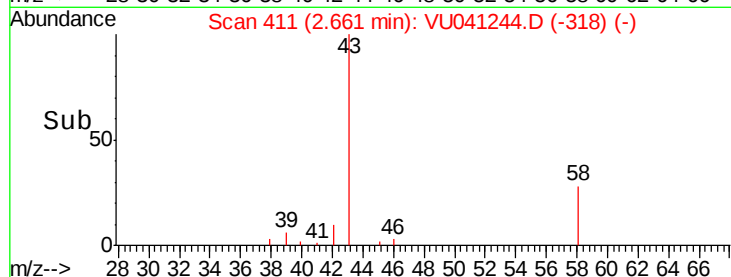
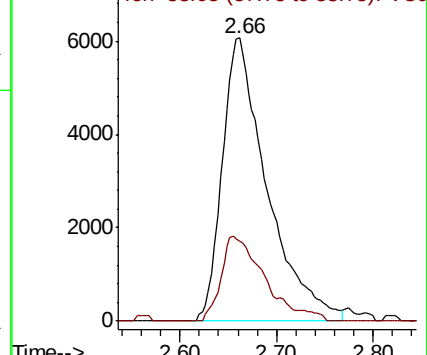
43 100

58 27.8 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.119 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041244.D

Acq: 16 Nov 2020 13:47

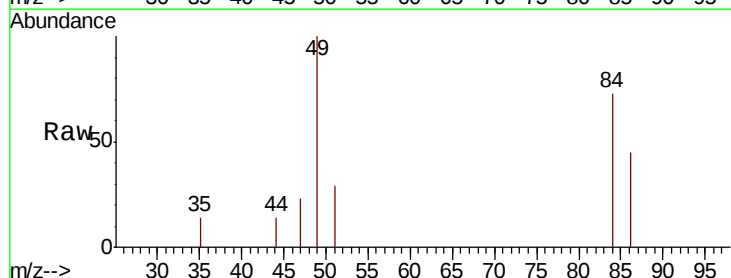
Tgt Ion: 84 Resp: 711

Ion Ratio Lower Upper

84 100

86 61.8 42.8 79.6

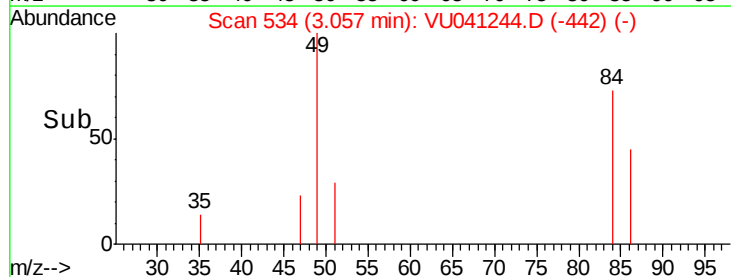
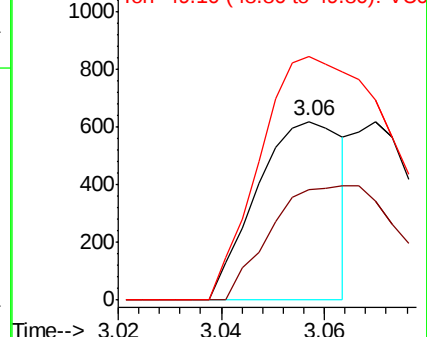
49 136.4 99.5 184.7

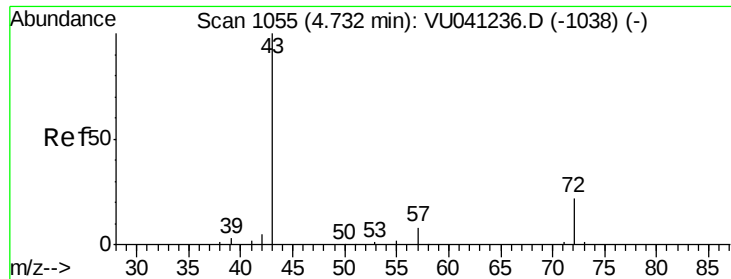


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#21

2-Butanone

Concen: 1.077 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU041244.D

Acq: 16 Nov 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

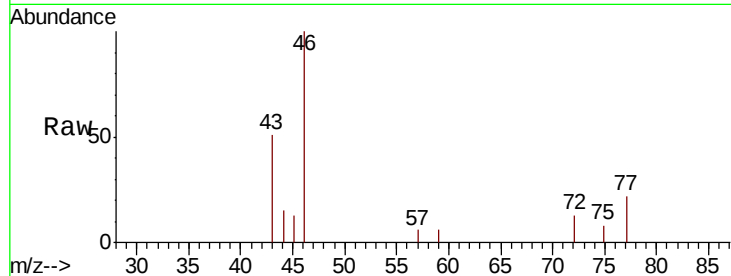
C0AC5

Tot Ion: 43 Resp: 2416

Ion Ratio Lower Upper

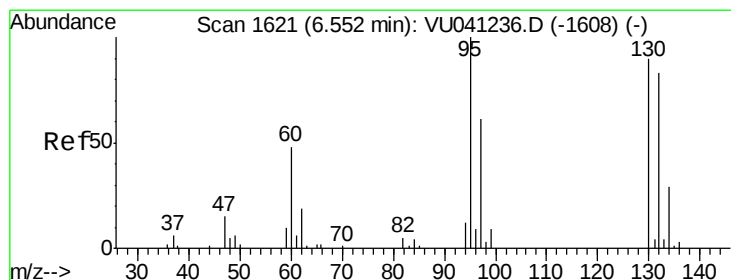
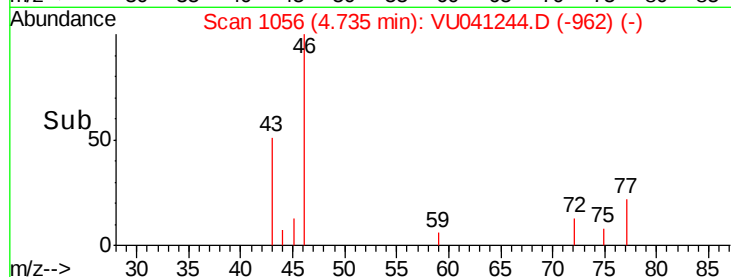
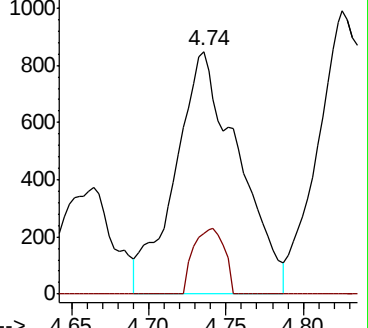
43 100

72 13.2 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU041236.D (-1038) (-)

Ion 72.10 (71.80 to 72.80): VU041236.D (-1038) (-)



#34

Trichloroethene

Concen: 0.244 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU041244.D

Acq: 16 Nov 2020 13:47

Tgt Ion: 95 Resp: 1280

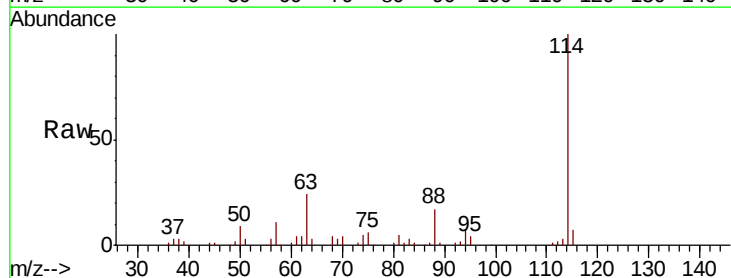
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 64.8 120.4#

130 0.0 64.8 120.4#

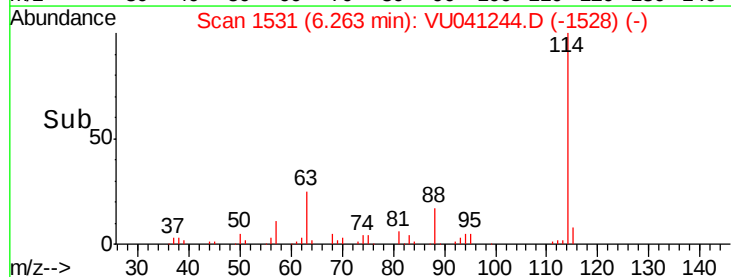
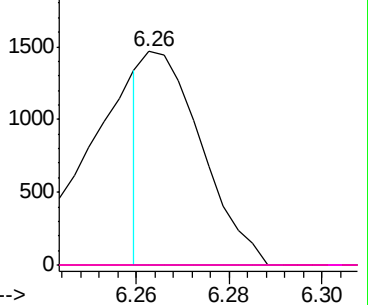


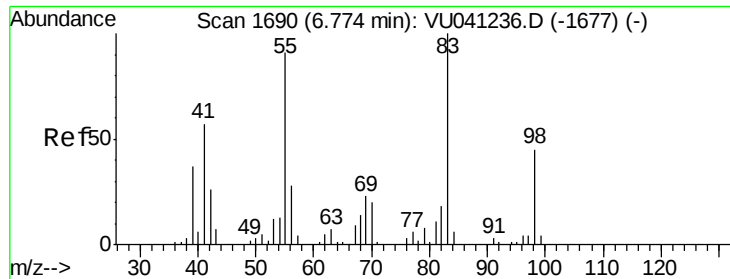
Abundance Ion 95.00 (94.70 to 95.70): VU041236.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU041236.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU041236.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU041236.D (-1608) (-)

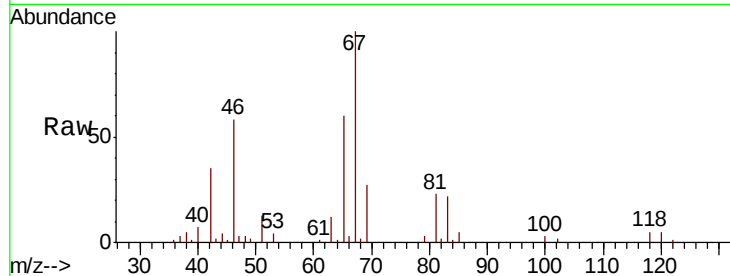




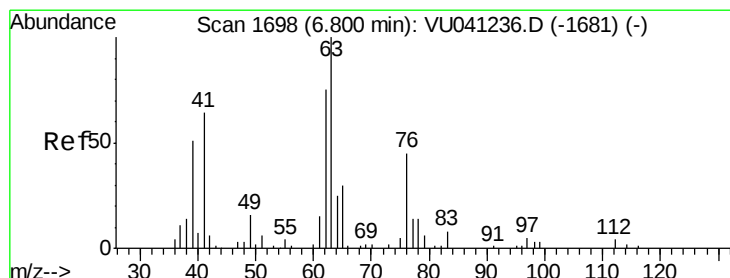
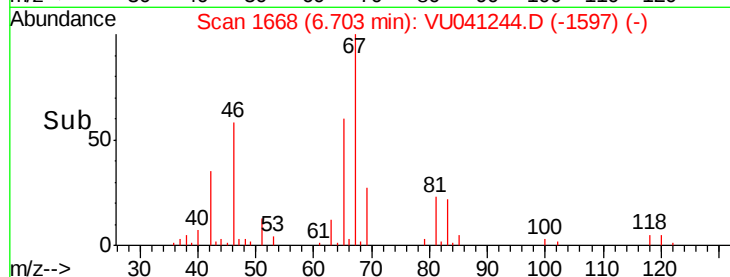
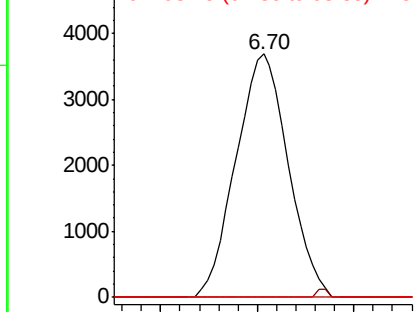
#35
Methvlcvclohexane
Concen: 0.995 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

Instrument :
MSVOA_U
ClientSampleId :
C0AC5

Tot Ion: 83 Resp: 6941
Ion Ratio Lower Upper
83 100
55 0.6 72.0 108.0#
98 3.8 36.6 55.0#

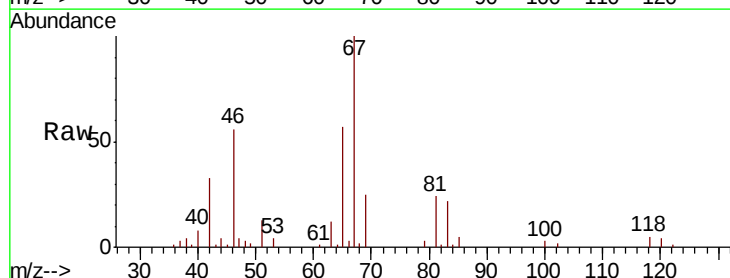


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

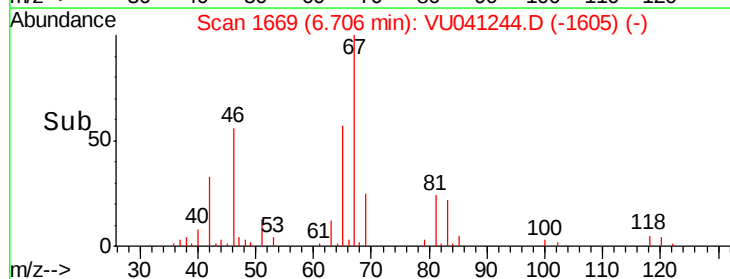
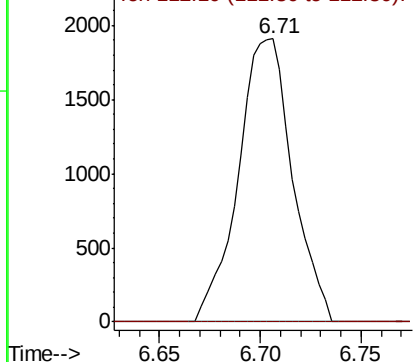


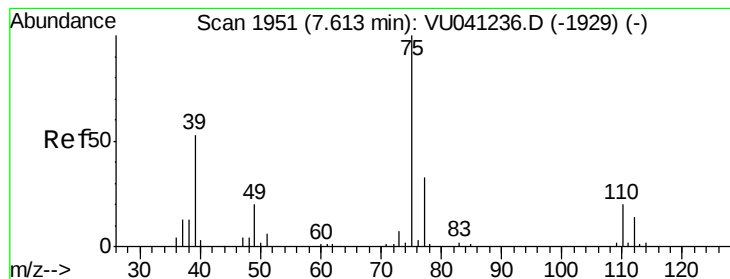
#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

Tgt Ion: 63 Resp: 3591
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



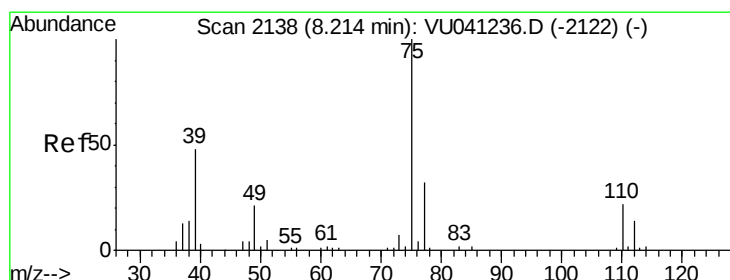
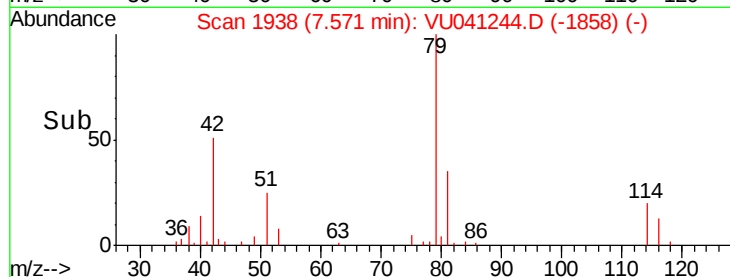
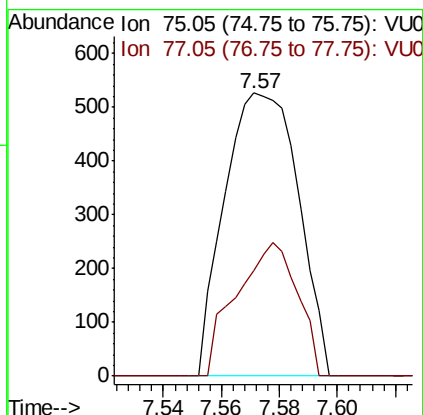
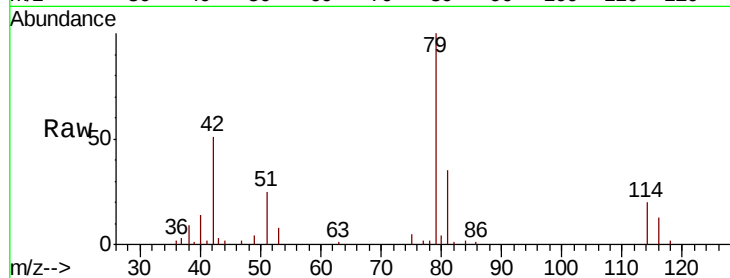


#39

cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041244.D
 Acq: 16 Nov 2020 13:47

Instrument :
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 ClientSampleId :
 C0AC5

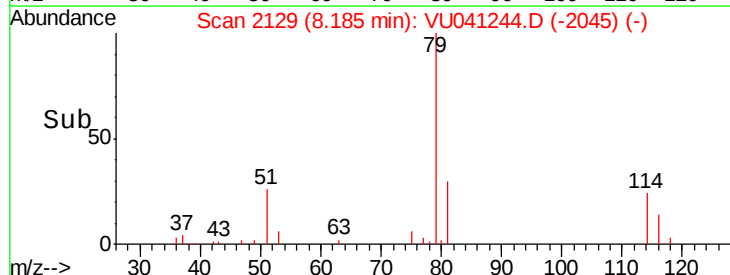
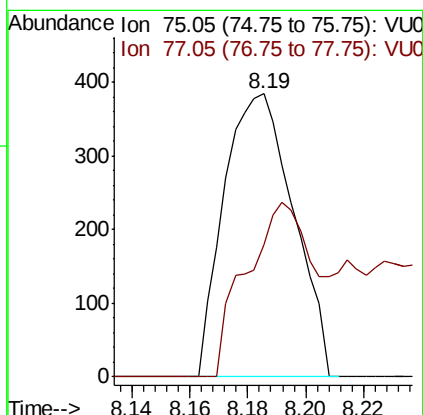
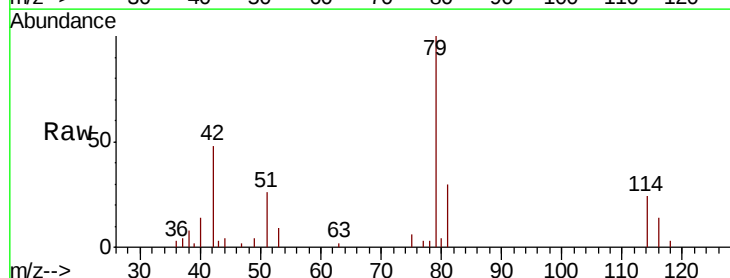
Tot Ion: 75 Resp: 930
 Ion Ratio Lower Upper
 75 100
 77 37.4 22.7 42.3

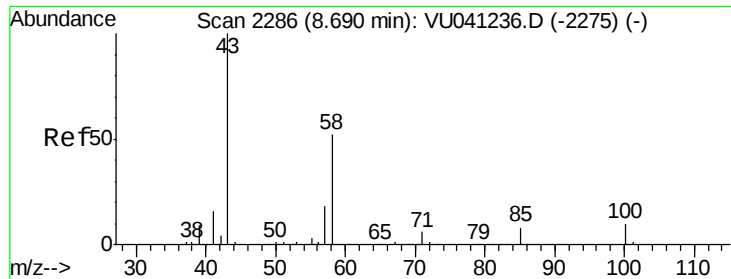


#44

trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041244.D
 Acq: 16 Nov 2020 13:47

Tgt Ion: 75 Resp: 636
 Ion Ratio Lower Upper
 75 100
 77 46.6 23.3 43.3#

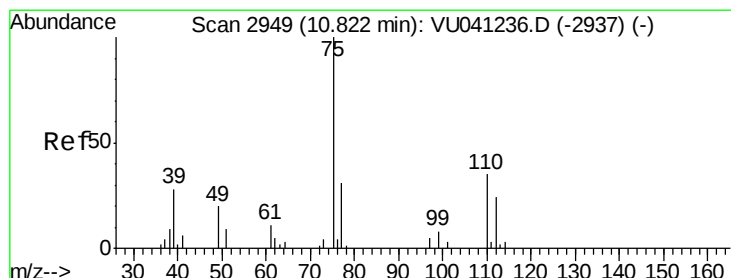
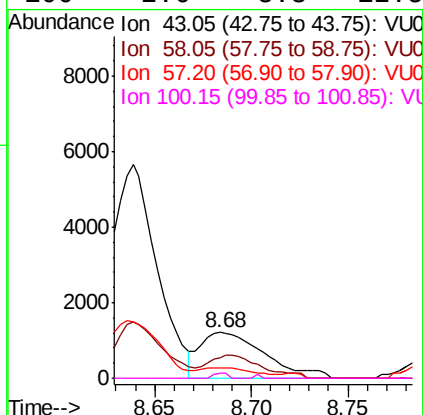
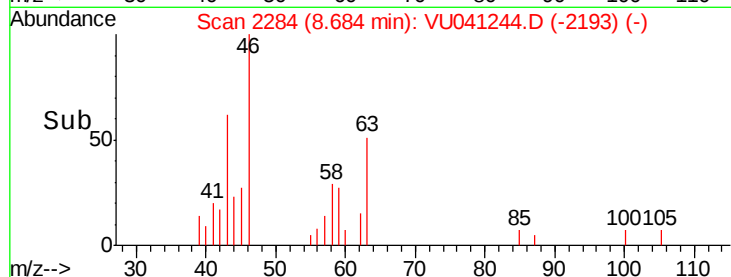
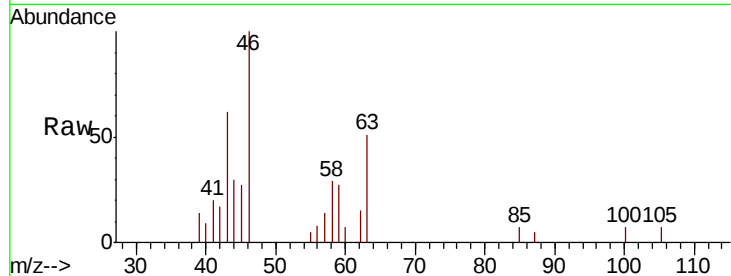




#48
2-Hexanone
Concen: 0.804 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

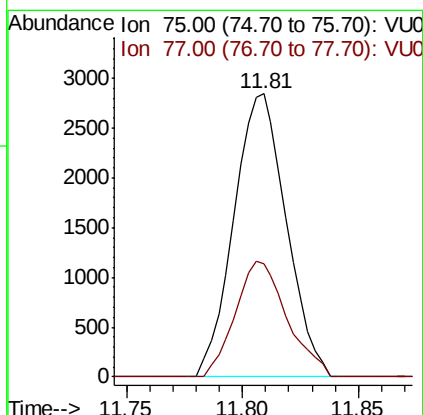
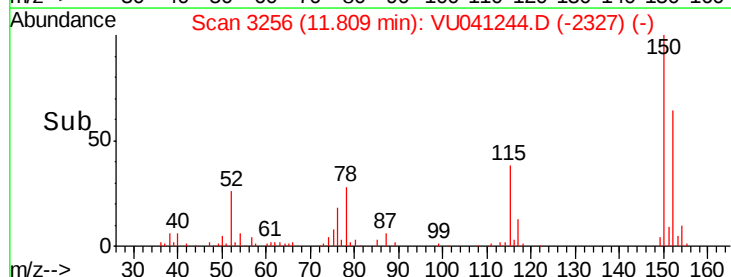
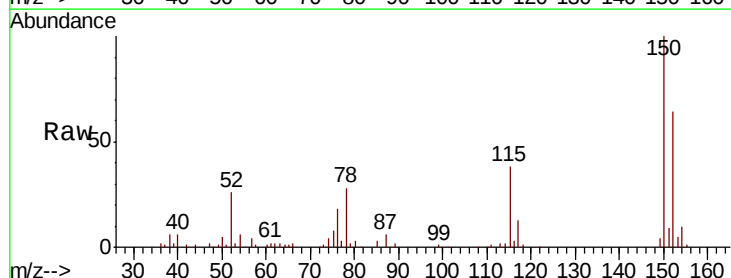
Instrument :
MSVOA_U
ClientSampleId :
C0AC5

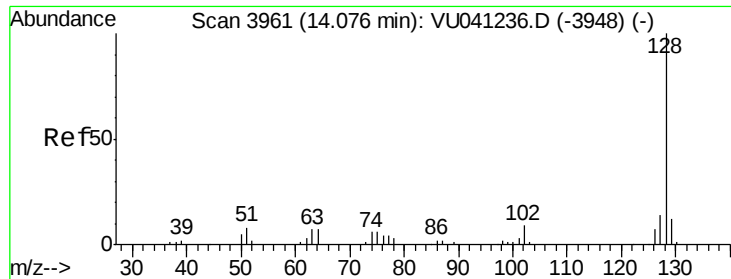
Tot Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
58 41.7 41.4 62.2
57 17.9 14.6 21.8
100 2.6 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.997 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041244.D
Acq: 16 Nov 2020 13:47

Tgt Ion: 75 Resp: 4465
Ion Ratio Lower Upper
75 100
77 40.2 25.7 38.5#





#69

Naphthalene

Concen: 0.097 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU041244.D

Acq: 16 Nov 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

C0AC5

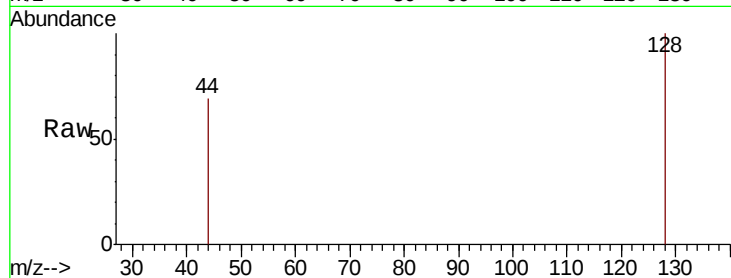
Tot Ion:128 Resp: 989

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



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

